

OpenPGP Keys

Revision: [44943](#)
2014-05-24 by bcr.

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These OpenPGP keys can be used to verify a signature or send encrypted email to FreeBSD.org officers or developers. The complete keyring can be downloaded at <http://www.FreeBSD.org/doc/pgpkeyring.txt>.

1. Officers

1.1. Security Officer Team <security-officer@FreeBSD.org>

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pub 1024D/15D68804CA6CDFB2 2002-08-27 [expires: 2014-01-01]
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officer@FreeBSD.org>
sub 2048g/E8C96EEFA3071809 2002-08-27 [expires: 2014-01-01]

pub 4096R/ED67ECD65DCF6AE7 2013-09-24 [expires: 2018-01-01]
    Key fingerprint = 1CF7 FF6F ADF5 CA9F BE1B 8CB2 ED67 ECD6 5
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sub 4096R/B64357A343D9CBAE 2013-09-24 [expires: 2018-01-01]
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1.2. Security Team Secretary <secteam-secretary@FreeBSD.org>

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Core Team Secretary
<core-secretary@FreeBSD.org >

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1.3. Core Team Secretary <core-secretary@FreeBSD.org >

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pub 4096R/36A7C05FE1ECF9BB 2014-07-09 [expires: 2015-07-09]
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1.4. Ports Management Team Secretary

[<portmgr-secretary@FreeBSD.org>](mailto:portmgr-secretary@FreeBSD.org)

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2. Core Team Members

2.1. Gavin Atkinson <gavin@FreeBSD.org>

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atkinson@york.ac.uk>
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2.2. David Chisnall <theraven@FreeBSD.org >

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2.3. Baptiste Daroussin <bapt@FreeBSD.org >

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2.4. Ed Maste <emaste@FreeBSD.org >

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pub 2048R/50A17BF4 2012-12-18
Key fingerprint = 0C08 ECC9 3A0A 8500 AB95 B553 49C4 7851 5
50A1 7BF4
uid          Ed Maste <emaste@freebsd.org>
sub 2048R/08FA5F72 2012-12-18

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2.5. George V. Neville-Neil <gnn@FreeBSD.org>

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pub 1024D/440A33D2 2002-09-17
    Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1  3
440A 33D2
uid George V. Neville-Neil <gnn@freebsd.org>
uid George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17

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2.6. Hiroki Sato <hrs@FreeBSD.org >

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pub 1024D/2793CF2D 2001-06-12
Key fingerprint = BDB3 443F A5DD B3D0 A530 FFD7 4F2C D3D8 3
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uid Hiroki Sato <hrs@allbsd.org>
uid Hiroki Sato <hrs@eos.ocn.ne.jp>
uid Hiroki Sato <hrs@ring.gr.jp>
uid Hiroki Sato <hrs@FreeBSD.org>
uid Hiroki Sato <hrs@jp.FreeBSD.org>
uid Hiroki Sato <hrs@vlsi.ee.noda.tus.ac.jp>
uid Hiroki Sato <hrs@jp.NetBSD.org>
uid Hiroki Sato <hrs@NetBSD.org>
uid Hiroki Sato <hrs@ec.ss.titech.ac.jp>
uid Hiroki Sato <hrs@ieee.org>
uid Hiroki Sato <hrs@acm.org>
uid Hiroki Sato <hrs@bsdconsulting.co.jp>
uid Hiroki Sato <hrs@bsdresearch.org>
uid Hiroki Sato <hrs@ec.ce.titech.ac.jp>
sub 1024g/8CD251FF 2001-06-12

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2.7. Gleb Smirnoff <gLebius@FreeBSD.org>

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pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
    Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968 6C7E 5E82
uid                               Gleb Smirnov <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]
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2.8. Peter Wemm <peter@FreeBSD.org>

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pub 1024D/1512AE527277717F 2003-12-14
    Key fingerprint = 622B 2282 E92B 3BAB 57D1 A417 1512 AE52 7277 717F
uid                               Peter Wemm <petew@wemm.org>
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OpenPGP Keys

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uid          Peter Wemm <peter@FreeBSD.ORG>
sub 1024g/2C5F53778B40D9D1 2003-12-14

pub 2048R/35D69709EC809E04 2014-05-08 [expires: 2024-05-05]
    Key fingerprint = 060A C0D1 5AFF BDF3 55B8 FA14 35D6 9709 3
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uid          Peter Wemm <peter@wemm.org>
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sub 2048R/B5D591B339B03C75 2014-05-08 [expires: 2024-05-05]
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3. Developers

3.1. Ariff Abdullah <ariff@FreeBSD.org >

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pub 1024D/C5304CDA 2005-10-01
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uid                               Ariff Abdullah <skywizard@MyBSD.org.my>
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3.2. Thomas Abthorpe <tabthorpe@FreeBSD.org >

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uid Thomas Abthorpe (FreeBSD Committer) 3
<tabthorpe@FreeBSD.org>
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uid Thomas Abthorpe <tabthorpe@goodking.ca>
uid Thomas Abthorpe <tabthorpe@goodking.org>
uid Thomas Abthorpe <thomas@goodking.ca>
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3.3. Eitan Adler <eadler@FreeBSD.org >

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3.4. Shaun Amott <shaun@FreeBSD.org >

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uid           Shaun Amott <shaun@inerd.com>
uid           Shaun Amott <shaun@FreeBSD.org>
sub      2048g/26FA8703 2001-03-19
sub      2048R/7FFF5151 2005-11-06

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sub 2048R/27C54137 2005-11-06

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3.5. Henrik Brix Andersen <brix@FreeBSD.org >

OpenPGP Keys

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pub 1024D/54E278F8 2003-04-09
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uid Henrik Brix Andersen <henrik@brixandersen.dk>
uid Henrik Brix Andersen <brix@FreeBSD.org>
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3.6. Matthias Andree <mandree@FreeBSD.org>

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3.7. Will Andrews <will@FreeBSD.org >

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3.8. Dimitry Andric <dim@FreeBSD.org >

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Lm9yZz6IYgQTEQIAIgUCTHwD6wIbIwYLCQgHAWIGFQgCCQoLBBYCAwECHgECF4AA
CgkQsF6jCi4glqPk1QCfbWJA8yrNJjw7Zw1xvQo0A59CgoAn3l9H5odsKlLC/KB
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NJCZG3FT8L0R2ZtnhEheNqISa9Ry6xy8LcH6EL5abHa1sxFfX4c9BKy3o2apJYxF
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p3ZoprcVEgZaEa==
=PP18
-----END PGP PUBLIC KEY BLOCK-----
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3.9. Eric Anholt <anholt@FreeBSD.org>

```
pub 1024D/6CF0EAF7 2003-09-08
    Key fingerprint = 76FE 2475 820B B75F DCA4 0F3E 1D47 6F60 6CF0 EAF7
uid                               Eric Anholt <eta@lclark.edu>
uid                               Eric Anholt <anholt@FreeBSD.org>
sub 1024g/80B404C1 2003-09-08
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBD9dFQARBACzmGtuaKFqQwoRV32TI4ANBPHPLXkKXJ1WYQQkahzP/VfzNOUH
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B8LNMwVwUn8=
=2V8B
-----END PGP PUBLIC KEY BLOCK-----
```

3.10. Marcus von Appen <mva@FreeBSD.org>

```
pub 1024D/B267A647 2009-02-14
    Key fingerprint = C7CC 1853 D8C5 E580 7795 B654 8BAF 3F12 B267 A647
uid                               Marcus von Appen <freebsd@sysfault.org>
uid                               Marcus von Appen <mva@freebsd.org>
sub 2048g/D34A3BAF 2009-02-14
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBEmWjSoRBACy4Csdr35YB6pGzU1aa1mbTKLuF44VBjV809qji80zo/VJs3JL
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3.11. Marcelo Araujo <araujo@FreeBSD.org >

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pub 1024D/53E4CFA8 2007-04-27
    Key fingerprint = 9D6A 2339 925C 4F61 ED88 ED8B A2FC 4977  3
53E4 CFA8
uid Marcelo Araujo (Ports Committer)  3
<araujo@FreeBSD.org>
sub 2048g/63CC012D 2007-04-27

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-----END PGP PUBLIC KEY BLOCK-----
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3.12. Mathieu Arnold <mat@FreeBSD.org >

```
pub 4096R/0x3A4516F35183CE48 2013-09-23 [expires: 2018-09-22]
    Key fingerprint = 3AB6 9789 D2ED 1210 6440 BA5B 3A45 16F3 5183
5183 CE48
uid [ full -] Mathieu Arnold <mat@FreeBSD.org>
uid [ full -] Mathieu Arnold <mat@mat.cc>
uid [ full -] Mathieu Arnold <m@absolight.fr>
uid [ full -] Mathieu Arnold <m@w2my.net>
sub 4096R/0xA99F9AA711E3DFC9 2013-09-23 [expires: 2018-09-22]
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-----END PGP PUBLIC KEY BLOCK-----

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3.13. Takuya ASADA <syuu@FreeBSD.org >

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pub 2048R/43788F78 2012-11-21
Key fingerprint = 31CE 242E 6F4F F24F EE4 D9BB 0890 2C5F  4378 8F78
uid Takuya ASADA <syuu@freebsd.org>
sub 2048R/A87B0906 2012-11-21

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3.14. Satoshi Asami <asami@FreeBSD.org>

```
pub 1024R/1E08D889 1997-07-23 Satoshi Asami <asami@cs.berkeley.edu>
    Key fingerprint = EB 3C 68 9E FB 6C EB 3F DB 2E 0F 10 8F CE 3
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uid Satoshi Asami <asami@FreeBSD.ORG>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.15. Gavin Atkinson <gavin@FreeBSD.org>

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pub 4096R/4DA114E5C4A2E57F 2013-09-25 [expires: 2018-09-24]
    Key fingerprint = A12B D878 2A5E A90F D37C 43BC 4DA1 14E5 3
C4A2 E57F
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OpenPGP Keys

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uid          Gavin Atkinson (Work email) <gavin.㉿
atkinson@york.ac.uk>
uid          Gavin Atkinson (Work email - ㉿
deprecated) <ga9@york.ac.uk>
uid          Gavin Atkinson (URY email) <gavin.㉿
atkinson@ury.york.ac.uk>
uid          Gavin Atkinson (FreeBSD key) ㉿
<gavin@FreeBSD.org>
sub 4096R/443BBD9486DFCC25 2013-09-25 [expires: 2018-09-24]
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3.16. Joseph S. Atkinson <jsa@FreeBSD.org>

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pub      2048R/21AA7B06 2010-07-14
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uid       Joseph S. Atkinson <jsa@FreeBSD.org>
uid       Joseph S. Atkinson <jsa.bsd@gmail.com>
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3.17. Philippe Audeoud <jadawin@FreeBSD.org >

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pub 4096R/3D5DD05DE3EDC705 2014-05-27 [expires: 2016-05-26]
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uid Philippe Audeoud <jadawin@tuxaco.net>
uid Philippe Audeoud (Main ID) 5
<philippe@tuxaco.net>
uid Philippe Audeoud (FreeBSD) 5
<jadawin@FreeBSD.org>

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3.18. Timur I. Bakeyev <timur@FreeBSD.org >

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3.19. Glen Barber <gjb@FreeBSD.org >

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3.20. Nick Barkas <snb@FreeBSD.org>

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-----END PGP PUBLIC KEY BLOCK-----
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3.21. Simon Barner <barner@FreeBSD.org>

```
pub 1024D/EBADA82A 2000-11-10
    Key fingerprint = 67D1 3562 9A2F 3177 E46A 35ED 0A49 FEFD 6
EBAD A82A
uid Simon Barner <barner@FreeBSD.org>
uid Simon Barner <barner@in.tum.de>
uid Simon Barner <barner@informatik.tu-muenchen.de>
uid Simon Barner <barner@gmx.de>
sub 2048g/F63052DE 2000-11-10
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=HMUK
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-----END PGP PUBLIC KEY BLOCK-----
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3.22. Artem Belevich <art@FreeBSD.org>

```
pub 2048R/9ED4C836 2011-03-28
    Key fingerprint = 7400 D541 07ED 3DF3 3E97 F2D5 8BDF 101C 9ED4 C836
uid Artem Belevich <artemb@gmail.com>
uid Artem Belevich <art@freebsd.org>
sub 2048R/55B0E4EB 2011-03-28
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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=IDLa
-----END PGP PUBLIC KEY BLOCK-----
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3.23. Anton Berezin <tobez@FreeBSD.org >

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pub 1024D/7A7BA3C0 2000-05-25 Anton Berezin <tobez@catpipe.net>
    Key fingerprint = CDD8 560C 174B D8E5 0323 83CE 22CA 584C 7A7B A3C0
uid                               Anton Berezin <tobez@tobez.org>
uid                               Anton Berezin <tobez@FreeBSD.org>
sub 1024g/ADC71E87 2000-05-25
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

```

3.24. Damien Bergamini <damien@FreeBSD.org >

```

pub      2048R/D129F093 2005-03-02
          Key fingerprint = D3AB 28C3 1A4A E219 3145  54FE 220A 7486  3
D129 F093
uid      Damien Bergamini <damien.bergamini@free.fr>
uid      Damien Bergamini <damien@FreeBSD.org>
sub      2048R/9FBA73A4 2005-03-02

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

```
=uQuq
-----END PGP PUBLIC KEY BLOCK-----
```

3.25. Tim Bishop <tdb@FreeBSD.org >

```
pub 4096R/FDF38D55 2013-08-07 [expires: 2015-08-07]
    Key fingerprint = 4BD9 5F90 8A50 40E8 D26C D681 6C22 6B37 3
FDF3 8D55
uid Tim Bishop <tim@bishnet.net>
uid Tim Bishop <T.D.Bishop@kent.ac.uk>
uid Tim Bishop <tdb@FreeBSD.org>
uid Tim Bishop <tdb@i-scream.org>
sub 4096R/25CEA948 2013-08-07 [expires: 2015-08-07]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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3.26. Grzegorz Blach <gblach@FreeBSD.org>

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bEagGqErTqqjLcToBeVyDhZ85MIzfjBLMn64dDQPxHp2B0Y/D5631m4Lpnlw/7re
a5/perZmacBxmgPGYCZnaikLC4JypteV4aXwRosC9B5dSH/dMMwfwqiViKwlvkRG
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0uSRCGWL62lt4V994r6LhbC78aHr8CkqtprRJ6Hmi5+zMCJmAU100GL/vF/JEBz
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=gui3
-----END PGP PUBLIC KEY BLOCK-----
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3.27. Martin Blapp <mbr@FreeBSD.org>

```
pub  1024D/D300551E 2001-12-20 Martin Blapp <mb@imp.ch>
      Key fingerprint = B434 53FC C87C FE7B 0A18 B84C 8686 EF22 551E
D300 551E
sub  1024g/998281C8 2001-12-20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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zepQA/9Jio4IBFmjPds13kpvA8KqP7VXKFMMBVT9SztYVieIFgbvff/YCqzkE5RD
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-----END PGP PUBLIC KEY BLOCK-----

```

3.28. Warren Block <wblock@FreeBSD.org>

```

pub  2048R/BB37E0C846CB85CF 2014-03-13 [expires: 2017-03-12]
      Key fingerprint = EC53 662F FEFE D6F4 2DBA B483 BB37 E0C8 46CB 85CF
uid                                     Warren Block <wblock@FreeBSD.org>
uid                                     Warren Block <wblock@wonkity.com>
sub  2048R/D79E292E145902B5 2014-03-13 [expires: 2017-03-12]

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

3.29. Vitaly Bogdanov <bvs@FreeBSD.org >

```

pub 1024D/B32017F7 2005-10-02 Vitaly Bogdanov <gad@gad.glazov.net>
    Key fingerprint = 402E B8E4 53CB 22FF BE62 AE35 A0BF B077 ǵ
B320 17F7
uid                               Vitaly Bogdanov <bvs@freebsd.org>
sub 1024g/0E88C62E 2005-10-02

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3.30. Zbigniew Bodek <zbb@FreeBSD.org>

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pub 2048R/C32C9921 2013-09-04 [expires: 2018-09-03]
    Key fingerprint = B3EF DAFC C938 03EE 7B1B 5748 0EBE 8E50  3
C32C 9921
uid                               Zbigniew Bodek <zbb@FreeBSD.org>
sub 2048R/62B40108 2013-09-04 [expires: 2018-09-03]

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-----END PGP PUBLIC KEY BLOCK-----

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3.31. Roman Bogorodskiy <novel@FreeBSD.org >

```
pub 2048R/08C2226A 2010-12-03
    Key fingerprint = 8BA4 DF2A D14F 99B6 37E0 0070 C96D 5FFE 08C2 226A
uid Roman Bogorodskiy <bogorodskiy@gmail.com>
uid Roman Bogorodskiy <novel@FreeBSD.org>
uid Roman Bogorodskiy <rbogorodskiy@apache.org>
uid Roman Bogorodskiy <rbogorodskiy@griddynamics.com>
sub 2048R/EC4ED237 2010-12-03
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3.32. Renato Botelho <garga@FreeBSD.org >

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pub 4096R/9F625790 2012-11-28 [expires: 2017-11-27]
    Key fingerprint = E3DA 9B2A 6160 99CB 4B31 7641 F1F0 E7A1 9F62 5790
uid Renato Botelho (FreeBSD) <garga@FreeBSD.org>
uid Renato Botelho (Personal) <rbgarga@gmail.com>
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sub 4096R/473CC82A 2012-11-28 [expires: 2017-11-27]

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Comment: GPGTools - http://gpgtools.org

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3.33. Alexander Botero-Lowry <alexbl@FreeBSD.org>

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pub 1024D/12A95A7B 2006-09-13
Key fingerprint = D0C3 47F8 AE87 C829 0613 3586 24DF F52B 3
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uid Alexander Botero-Lowry <alexbl@FreeBSD.org>
sub 2048g/CA287923 2006-09-13
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3.34. Sofian Brabez <sbz@FreeBSD.org>

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pub 1024D/2487E57E 2011-03-15 [expires: 2016-03-14]
    Key fingerprint = 05BA DC7E F628 DE3F B241 BFBB 7363 51F4 5
2487 E57E
uid Sofian Brabez <sbrabez@gmail.com>
uid Sofian Brabez <sbz@FreeBSD.org>
uid Sofian Brabez <sbz@6dev.net>

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3.35. Edson Brandi <ebrandi@FreeBSD.org>

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=a02j
-----END PGP PUBLIC KEY BLOCK-----

```

3.36. Hartmut Brandt <harti@FreeBSD.org >

```

pub 1024D/5920099F 2003-01-29 Hartmut Brandt <brandt@fokus.
fraunhofer.de>
    Key fingerprint = F60D 09A0 76B7 31EE 794B BB91 082F 291D 0
5920 099F
uid                               Hartmut Brandt <harti@freebsd.org>
sub 1024g/21D30205 2003-01-29

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----

```

3.37. Oliver Braun <obraun@FreeBSD.org>

```

pub 1024D/EF25B1BA 2001-05-06 Oliver Braun <obraun@unsane.org>
    Key fingerprint = 6A3B 042A 732E 17E4 B6E7 3EAF C0B1 6B7D
EF25 B1BA
uid                               Oliver Braun <obraun@obraun.net>
uid                               Oliver Braun <obraun@freebsd.org>
uid                               Oliver Braun <obraun@haskell.org>
sub 1024g/09D28582 2001-05-06

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
```

3.38. Max Brazhnikov <makc@FreeBSD.org >

```
pub 1024D/ACB3CD12 2008-08-18
    Key fingerprint = 4BAA 200E 720A 0BD1 7BB0 9DFD FBD9 08C2 3
ACB3 CD12
uid Max Brazhnikov <makc@FreeBSD.org>
uid Max Brazhnikov <makc@issp.ac.ru>
sub 1024g/5FAA4088 2008-08-18
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=m+ns
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-----END PGP PUBLIC KEY BLOCK-----
```

3.39. Jonathan M. Bresler <jmb@FreeBSD.org >

```
pub 1024R/97E638DD 1996-06-05 Jonathan M. Bresler <jmb@Bresler.org>
```


OpenPGP Keys

```
Key fingerprint = 31 57 41 56 06 C1 40 13 C5 1C E3 E5 DC 62 0E FB
uid Jonathan M. Bresler <jmb@FreeBSD.ORG>
uid Jonathan M. Bresler
uid Jonathan M. Bresler <Jonathan.0
Bresler@USi.net>
uid Jonathan M. Bresler <jmb@Frb.GOV>
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQCNazG2GToAAAAEANI6+4SJAAGBpl53XcfEr1M9wZyBqC0tzpie7Zm4vvh3h08s
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3.40. Antoine Brodin <antoine@FreeBSD.org>

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pub 1024D/50CC2671 2008-02-03
Key fingerprint = F3F7 72F0 9C4C 9E56 4BE9 44EA 1B80 31F3 50CC 2671
uid Antoine Brodin <antoine@FreeBSD.org>
sub 2048g/6F4AFBE5 2008-02-03

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3.41. Diane Bruce <db@FreeBSD.org >

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pub 2048R/8E9CAA7B 2012-05-16
    Key fingerprint = 8B08 E022 705D 0083 64C4 5E60 5148 0C74 8E9C AA7B
uid Diane Bruce <db@db.net>
uid Diane Bruce <db@FreeBSD.org>
sub 2048R/932E5985 2012-05-16
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3.42. Christian Brueffer <brueffer@FreeBSD.org >

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pub 4096R/A2E0582D3A67DC36 2013-09-23 [expires: 2018-10-23]
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OpenPGP Keys

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Key fingerprint = 04D7 4375 648A B688 F821 57D2 A2E0 582D 3A67 DC36
uid                      Christian Brueffer <christian@brueffer.ο
de>
uid                      Christian Brueffer <brueffer@FreeBSD.ο
org>
uid                      Christian Brueffer <christian.ο
brueffer@med.lu.se>
sub 4096R/78C8369847E16487 2013-09-23 [expires: 2018-10-23]
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-----END PGP PUBLIC KEY BLOCK-----
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3.43. Markus Brüffer <markus@FreeBSD.org >

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    Key fingerprint = 3F9B EBE8 F290 E5CC 1447 8760 D48D 1072 78F8 A8D4
uid                                Markus Brueffer <markus@brueffer.de>
uid                                Markus Brueffer <buff@hitnet.rwth-aachen.de>
uid                                Markus Brueffer <mbrueffer@mi.rwth-aachen.de>
uid                                Markus Brueffer <markus@FreeBSD.org>
sub 4096g/B7E5C7B6 2002-10-21
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3.44. Sean Bruno <sbruno@FreeBSD.org>

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pub  2048R/1201EFCA1E727E64 2014-05-06 [expires: 2017-05-05]
      Key fingerprint = BAAD 4632 E712 1DE8 D209  97DD 1201 EFCA  3
1E72 7E64
uid          Sean Bruno (FreeBSD Committer and 3
Clusteradm) <sbruno@freebsd.org>
sub  2048R/E1703D6B0E4E4A20 2014-05-06 [expires: 2017-05-05]

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THaYZvmqn0hPCGBfFvEcRZT9hKJl8322c0cSJRePCGrXXwZxjbcodTTqzT5uKSi4
u/rLa/VlRjTmP1V0z9UWV3L4NJ01U+f6X9o2pzWU4c3b1eNsuQENBFnpA4oBCADJ
lpson0ItZrh2jAuBur468td50VHJWX/Sd2bP3A1WokjY2PZ4U54fL0+Zk068Dw0R
dEz/ZGrQfBqHLTHWYrus8EwdhYVrnKM2FB77sUZVzGEzjhmkvRiA0BUXVgc2xjEA
REjorGfC7r0S02nV8RPAhwCsmcaeAbsbukmW7qXKzAy4tHt8Gvd0o5nN6vBdVrCs
s3uJjxVYH2Jl0s/J93cVFfPXC040SNv7F3o2VcWIkKf19HYwBed+ONNPocW87XIJ
V/K7k2hq+Lzdv1yaPU2FXSsjg4fd95mdGkpQ0XKyTakPwvgfkojRUiJk3Nwm3W+3
K5JXz9Np9NS0QMckS4gjABEBAAGJASUEGAEKAA8FA1NpA4oCGwwFCQWjmoAACgkQ
EgHvyh5yfmQw3QgAhzaDcBb/zJSYj3J70SVMH5uYnV4zgTGDo1grsGh7b6Rc0hYm
oYQX43tcVbHAgXuptcrGavcueMpOoP2mkyoeSI2YmQ20A07A+NZX0MBZqXPfWdwe
bZ48XBuaD/Nu1DnIuK2c24b1gWn0BfIJhaX6TvEKfMqhzAokt3aax9C0/4IXeieN
kfmmXciefexZq4Yo0bhWo+AI4ZL+8iCVb0nWrtTdc4AJGaLnpGYxd1S7rWyZUA1K7
q1pBhS014iAzr2us0ulhHZVv6VLVy8Bd+DIWwL5s/5S/YEbvgU2+teKmmLrQ1m4E
tX+0x0UuyEFdP8n2WX1uuFg0DD8zcoSPLcSE6w==
=QZsD
-----END PGP PUBLIC KEY BLOCK-----

```

3.45. Ruslan Bukin <br@FreeBSD.org >

```

pub 2048R/10F5E66E 2013-09-04
    Key fingerprint = 57DF DADB 15FE EF7A 14C9 1DF3 ABF4 AFEB 5
10F5 E66E
uid Ruslan Bukin <br@freebsd.org>
sub 2048R/A33057CA 2013-09-04

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQENBFIm+QEBcADVjtwGKebX8ovnb5tNqb8zkiepjbvBjJyZNVbazzIccNmn0ZWLi
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lK9dRmJIvT XUZHGesQfMHoBtFJR9MGDhKnvgsRpDwV4X4SCioSAAmceSyKtA8mac
BBkjmHVWpFcZqYE2HwmVjCv9i4Wtn26R6XvFSE9PheP1l77GJTrIKY5XlB4JhtQW
OrxdWtWxPhbNiHfqtS7psIIOMDo/qMUvv3Qun/jUV/HFpZ4An5mw/E0vCWRLDTnRh
ByLqS7G1/Zg7tiMoNkNxyWqYDRueds02B0LbABEBAAg0HVJlC2xhbiBCdWtpbiA8
YnJAZnJlZWJzZC5vcmc+iQE5BBMBAgAjBQJSJvKBAhsDBwsJCAcDAgEGFQgCCQoL
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EKv0r+sQ9eZuK94H/3a4FRjRpW96YtSmyd6StzBITGT0uk0puDb4fNuXkVrdcx1j
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```

```
IHDH2wSlQf9/4JSAu4JsvePw07mFT1NhpDqe177qGovj0zgxixp7xz9ZBML8Jrax
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=ysoS
-----END PGP PUBLIC KEY BLOCK-----
```

3.46. Oleg Bulyzhin <oleg@FreeBSD.org>

```
pub      1024D/78CE105F 2004-02-06
          Key fingerprint = 98CC 3E66 26DE 50A8 DBC4 EB27 AF22 DCEF  78CE 105F
uid           Oleg Bulyzhin <oleg@FreeBSD.org>
uid           Oleg Bulyzhin <oleg@rinet.ru>
sub      1024g/F747C159 2004-02-06
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBEAjndYRBACecNDd39vZ9wnodFLATK+XvhlyX4M3FBEV34t9eVZtJz4916yb
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vAyGNxEfPQMvRSXHnFmK9A0cLcfssE24a3zw7So33asH2Ha9yYBrfKGrTCPZAsa
uUGrKbGmXQ0oXDjjqV4anvC2QI5pEJvMbHJ+Xyq5xQN73ttJxrQdT2xlZyBCdWx5
emhpbIA8b2xlZ0Byaw5ldC5ydT6IXgQTEQIAHgUCQC0cNgIbAwYLCqgHAWIDFQID
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=/2pb
-----END PGP PUBLIC KEY BLOCK-----
```

3.47. Michael Bushkov <bushman@FreeBSD.org>

```
pub      1024D/F694C6E4 2007-03-11 [expires: 2008-03-10]
          Key fingerprint = 4278 4392 BF6B 2864 C48E 0FA9 7216 C73C  F694 C6E4
```

OpenPGP Keys

```
uid          Michael Bushkov <bushman@rsu.ru>
uid          Michael Bushkov <bushman@freebsd.org>
sub 2048g/5A783997 2007-03-11 [expires: 2008-03-10]
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dXNoa292IDxidXNobWfUQGZyZWVic2Qub3JnPohmBBMRagAmBQJF85XmAhsDBQkB
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lAxI0wL6ApsuCIIbgcAnjkybnn6t4WwYy7IvmwMMJJ17oe0tCBNaWNoYWVsIEJ1
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CAcDAgQVAggDBBYCAwECHgECF4AAACGkQchbHPPaUxuS8xgCgjJ4lLhI3wDP8Rnhv
Iy9UW5BuBEYAoI22XNE30HvBdsmUyUvVji8yKt4auQINBEXzlgAQCADnAWwYquUZ
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-----END PGP PUBLIC KEY BLOCK-----

3.48. Julien Charbon <jch@FreeBSD.org >

```
pub 2048R/A56543925EE9D871 2014-09-16 [expires: 2017-02-07]
Key fingerprint = 4021 6646 A364 3729 C754 1058 A565 4392 5EE9 D871
uid          Julien Charbon <jch@freebsd.org>
uid          Julien Charbon <julien@jch.io>
sub 2048R/957EE70462461D7D 2014-09-16 [expires: 2017-02-07]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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Dw1eUbCCQI1HyN0Ye3sWPQe6yYeSZyh0jjIrtiFI32xm0WFOYJk/uep5mZ55cdtZ
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-----END PGP PUBLIC KEY BLOCK-----
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3.49. Jayachandran C. <jchandra@FreeBSD.org>

```
pub 1024D/3316E465 2010-05-19
    Key fingerprint = 320B DB08 4FE3 BCFD 60AF E4DB F486 015F 3316 E465
uid Jayachandran C. <jchandra@freebsd.org>
sub 2048g/1F7755F9 2010-05-19
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JvcNo4iU3VeLKpaFW5zBvIbFQCa8LfRwflPSEM+tCk9nH5zXSvWf6dDWvN66oo1j
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-----END PGP PUBLIC KEY BLOCK-----

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3.50. Jesus R. Camou <jcamou@FreeBSD.org >

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pub 1024D/C2161947 2005-03-01
    Key fingerprint = 274C B265 48EC 42AE A2CA 47D9 7D98 588A 5
C216 1947
uid Jesus R. Camou <jcamou@FreeBSD.org>
sub 2048g/F8D2A8DF 2005-03-01

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-----END PGP PUBLIC KEY BLOCK-----
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3.51. José Alonso Cárdenas Márquez <acm@FreeBSD.org >

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pub 1024D/9B21BC19 2006-07-18
    Key fingerprint = 4156 2EAC A11C 9651 713B 3FC1 195F D4A8 9B21 BC19
uid                               Jose Alonso Cardenas Marquez <acm@FreeBSD.org>
sub 2048g/ADA16C52 2006-07-18
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-----END PGP PUBLIC KEY BLOCK-----
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3.52. Pietro Cerutti <gahr@FreeBSD.org >

```
pub 4096R/A192089E 2013-09-23 [expires: 2018-09-22]
```

OpenPGP Keys

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Key fingerprint = DA6D E106 A5B8 54B8 5DD8 6D49 ADD0 D38E 3
A192 089E
uid                Pietro Cerutti <gahr@gahr.ch>
uid                Pietro Cerutti (The FreeBSD Project) 3
<gahr@FreeBSD.org>
uid                Pietro Cerutti (Medacta International) 3
<cerutti@medacta.ch>
sub                4096R/408BA46A 2013-09-23 [expires: 2018-09-22]
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-----END PGP PUBLIC KEY BLOCK-----
```

3.53. Dmitry Chagin <dchagin@FreeBSD.org >

```
pub 1024D/738EFCED 2009-02-27
    Key fingerprint = 3F3F 8B87 CE09 9E10 3606 6ACA D2DD 936F 738E FCED
uid Dmitry Chagin <dchagin@freebsd.org>
uid Dmitry Chagin (dchagin key) <dchagin.
dmitry@gmail.com>
sub 2048g/6A3FDDFF9 2009-02-27
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3.54. Hye-Shik Chang <perky@FreeBSD.org >

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pub 1024D/CFDB4BA4 1999-04-23 Hye-Shik Chang <perky@FreeBSD.org>
    Key fingerprint = 09D9 57D6 58BA 44DD CAEC 71CD 0D65 2C59 5
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uid                               Hye-Shik Chang <hyeshik@gmail.com>
sub 1024g/A94A8ED1 1999-04-23
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-----END PGP PUBLIC KEY BLOCK-----

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3.55. Jonathan Chen <jon@FreeBSD.org>

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pub 1024D/2539468B 1999-10-11 Jonathan Chen <jon@spock.org>
    Key fingerprint = EE31 CDA1 A105 C8C9 5365 3DB5 C2FC 86AA 3
2539 468B
uid Jonathan Chen <jon@freebsd.org>
uid Jonathan Chen <chenj@rpi.edu>
uid Jonathan Chen <spock@acm.rpi.edu>
uid Jonathan Chen <jon@cs.rpi.edu>
sub 3072g/B81EF1DB 1999-10-11

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.56. Jonathan Anderson <jonathan@FreeBSD.org>

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pub 2048R/9C0EE010 2014-03-07 [expires: 2024-03-04]
    Key fingerprint = 563B 20C1 BFBF F638 610F  C584 B11B 3804  5
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uid Jonathan Anderson <jonathan.anderson@ieee.org>
uid Jonathan Anderson (MUN) <jonathan.anderson@mun.5
ca>
uid Jonathan Anderson (Cambridge) <jonathan.5
anderson@cl.cam.ac.uk>
uid Jonathan Anderson (FreeBSD) <jonathan@FreeBSD.5
org>
sub 2048R/2E0832D2 2014-03-07 [expires: 2024-03-04]
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3.57. Fukang Chen <loader@FreeBSD.org>

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pub      4096R/6BD4DDE6 2012-10-26
           Key fingerprint = A33E 88AB D358 DA49 59A6 B263 A9A2 599C  6BD4 DDE6
uid              loader <loader@FreeBSD.org>
uid              loader <loader@FreeBSDMall.com>
sub      4096R/1036D26C 2012-10-26

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-----END PGP PUBLIC KEY BLOCK-----

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3.58. Luoqi Chen <luoqi@FreeBSD.org >

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pub 1024D/2926F3BE 2002-02-22 Luoqi Chen <luoqi@FreeBSD.org>
    Key fingerprint = B470 A815 5917 D9F4 37F3 CE2A 4D75 3BD1 7
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uid                               Luoqi Chen <luoqi@bricore.com>
uid                               Luoqi Chen <lchen@onetta.com>
sub 1024g/5446EB72 2002-02-22

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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rfbwm8scs+VmzrHXP+sa0PcHPBr0e/KPPixNN1I5HB3yI0ILSLQeTHVvcWkgQ2hl
biA8bHVvcWlAYnJpY29yZS5jb20+iFcEEcECABcFAjx2qnEFCwcKAwQDFQMCAXYC
AQIXgAAKCRBNdTvRKsBzvmmrAJ9FVK0LT4Qym+qzj0EA6TP3V42cwACfQl+CLPzJ
zngykcMJW07MBXkQ9i0HUx1b3FpIENoZW4gPGxjaGVuQG9uZXR0YSS5jb20+iFcE
ExECABcFAjx2qpkFCwcKAwQDFQMCAXYCAQIXgAAKCRBNdTvRKsBzvkEwAKCRteUw
2X3XbPsVDCBZarrkf113YgCeIHmhkDHbauw4ULU01tYNV0bn5d00Hkx1b3FpIENo
ZW4gPGx1b3FpQEZYZWVCU0Qub3JnPohXBBMRAGAXBQI8dq6XBQsHCgMEAXUDAgMW
AgECF4AACGkQTXU70SkM876CUQCggJuwNIJy6f05Ka17RYn+j8hEQhwAnicDXnsy
5SEYN6amlHdqN/HwXcsbuQENBDx2qBUQBACifA9hUBBYNqCcXTs8Jk1MCcToMFob
vRt/SK2EcwjZ9aF9sIX3tJFr0HEe/bIcDMX19e480T4+BBs9MyHdnKgPR6vP8ZEE
FvT8+44Wd6psLB1LwsE8UpJ3CbLjkGafTpJIlh4NP5iM2p+2ugUIRM2ZaAG7MOMK
Ec47K0Eb6yI9yWADBGP9F+p+zQ1Z/qVekBooIKU4xKBryGb/XIPJi/Pgapgr3oE9
kKH4i0bbvMBSV3kd4a0+FSEXSZyRnMD1AG+dWhAHgb9rbjtICp3hZOKCMfdZxFVg
QStZ08vP5EhQYYtIXiNm0vkkBPqb+to5RgFFez8oIdPLMUq2Hf9MBIY6XDoNJl+I
RgQYEQIABgUCPhaoFQAKCRBNdTvRKsBzvh9GAJ9K3KiFYIB0HlsmRLF75mgKQk/c
0wCeI0eVykZkIm0xs0pEQMR/4g47Wjs=
=RNUy
-----END PGP PUBLIC KEY BLOCK-----

```

3.59. Andrey A. Chernov <ache@FreeBSD.org >

```

pub 2048R/A51C92FD0C8DF6CA 2014-08-09
    Key fingerprint = 36A5 CEDA 5878 AAC1 4888 79FA A51C 92FD 0C8D F6CA
uid
sub 2048R/85902C6618402312 2014-08-09
    Key fingerprint = C8F1 E3F5 999F E916 FD0E AAE3 8590 2C66 1840 2312

```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```

mQENBFP151gBCADY3BchNhcyb2S04GtP10L9jusHZNGTKKq9vk+/Crgmp8y9KdGx
nYa3RGXj3UoxTu0LGlyZbDwx5VykTYeds6HWJLKwv7ltw+lWKimm/0hJPJbr8yBP
gPiyQeGwod9dl/uQJ9y9aX0o3EvmxCEC52h+2Ae77eqL56mMWornB0btLEEp6xq1
cWctXmubXEFx24/6Cm/pNL9hiFWYIap77j4leL7ehEjjRpaiquUuHCgCmlerdzKj
u0RiJpj00Gjr1b/PwHJbFz+b39rk4rw1IiJFI8jkZ9zcU+2BJ036MUAnD0Z3VGgj
TDfz+SqoX8hbiyc9mUVgCdLN0uz3fRwwFUyxABEBAAQ0IUFuZHJleSBDaGVyb292
IDxhY2hlQEZYZWVCU0Qub3JnPokB0AQTAQIAIgUCU+XnWAIbAwYLCQgHCgMFFQgJ
CgsFFgMCAQACHgECF4AACGkQpRyS/QyN9spfowgAptreLa67a+6hzBsk3Ptldqqg
dczdVksRSvkvEHU3IwjpVR4ai5NbKnJAF+DKbE9KvyALtwgm+RLN8S619mL0V5W
WFeiF1MBV3A7bDVXC+nrdl7v32i1mrNCxPQp7MSR69cpK/mJHqN6kNFajulsj1Se
RaTQvhIXmPiR0oG3IJCXYQMzMrL8Xbuq+LTRMciLKSJrLT/ZDK0LPg9YlBwbttcsA
8H+YL0VVToC4T08IRQxrfzmIuhV65oUrrrzXzueGA3B/dJJnLzTkvngliQfBaFXX
5W0a3zyz+ijDLrkLT8gpnKpyxK5501wqCpdZYbDl6WF10d69ITHv6o0YnktNULkB
DQRT5edYAQgApWoADrvvaNua0FjFIFMujG/jj9YHYpwYMgil7yinIvT6o596DciH
SA+9ILbxXMFzmbq8W0Qp6+Tfp//fzxa416nELvC+CCLgmeAQQLVz15TinQD0mEQL
sWaekLfcv4X5Td14KN/VUKzSiCwdGXP/4j7H10wm2S2MPLh/QVk0t1bKn7spt7NF

```

Alexander V. Chernikov
<melifaro@FreeBSD.org>

```
wCIhyryJ5fuzZo9xYEhtG+ZWf/VyLXk9EpHzhuI3WZOCNYz4LahXLPnd3L1Akhvc
9se7Hv8FyTL9dVQVnTTQxmb/2MQvhIzFKkm8GFxq5Un699wVaN0mP1AwBc1q0uJP
0rRMe9Whn6LxejR4hJHZs1ruDH0aCP5iCwARAQABiQEfBBgBAgAJBQJT5edYAhSM
AAoJEKUckv0MjfbKMI8H/Rb4Q9t8iYgnZK1GuxQAgxphXRr0e+29V4EnUt192FcW
xVXoL5XvAs90XiufekXp7U0V0JMHFXF3eQ/fc23DJzfeVHm560LMVWw8i9mroS4m
2XMGNxRzIzqmIA8I/tUYCw+W7UoxX0J5qAsa8UytgzxL398ZW6HE5HndeUjZTgun
rziOnt/NhytWS0Vz20kfpffSiCLcHxfD7/iB6aJFpFWmhihPeuE58eBeMWdMBbqW
E62A8/BcFz3rbgpDemrLArkBRXLPCyGotij2tAFTnuHqRmUCQUD3Z3JyvhkIBF+Y
vqE1/uofctf2A56MqSh+tHoxZYmevHj918TodG1hRx4=
=Je5k
-----END PGP PUBLIC KEY BLOCK-----
```

3.60. Alexander V. Chernikov <melifaro@FreeBSD.org>

```
pub 1024D/2675AB69 2008-02-17
    Key fingerprint = 00D2 E063 2FB0 2990 C602 50FD C1C2 7889 3
2675 AB69
uid Alexander V. Chernikov <melifaro@yandex-team.ru>
uid Alexander V. Chernikov <melifaro@ipfw.ru>
uid Alexander V. Chernikov <melifaro@freebsd.org>
sub 4096g/BC64F40C 2008-02-17
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQGIBeE4fOYRBADWmf0zx8cXvVytbw87eVLU84Sxo3tZYeffxQkKJ4JzGoA4Tq79w
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+eZ1YUZdJKUshhWax9dL23BDLEPRWfKsBWS2osqjIPy6WhDgTLDDBz9rJGwCgqK5g
Z7sULpLNE0nnJPQEWL8zt7MEAIYKjPXf3BvrDts0HWp0K4hZgf2X9oCfoFymVdp
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cu1SRhTcPrftCMI2r/6E1vHSqSSdmWwBv6gdN2kVSqx+REchIhuyWWWhMr2A64DI
S6rxA/wMn97Q+ayj0S2t9u7NbUXQPcB1hiv5qMXWMFco3Nok0sUdvK31v8m5f04P
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AwYLCQgHAWIEFQIIAwQWAgMBAh4BAheAAAJEMHCEIkmdatpMIgAmwQewwB0Zf6E
EvGSx78VopWkwtYFAJ0Q0gEIyhtgVjHlGgd0hhaN7D7a7bQtQWxleGFuZGVyIFYu
IENoZXJuaWtvdia8bWVsawZhcm9AZnJlZWJzZC5vcmc+iGIEExECACIFAK6LOVIC
GwMGcWkIBwMChUIAgkKCwQWAgMBAh4BAheAAAJEMHCEIkmdatpwXgAn2Sf2rEX
g3wY0qke+DBqtgY7TAxPAJ9Qo6HmdRLCa5S3WR3xFfDx5SIYLQwQWxleGFuZGVy
IFYuIENoZXJuaWtvdia8bWVsawZhcm9AeWfuZGV4LXRlYW0ucnU+iGIEExECACIF
Ak6LOc0CGwMGcWkIBwMChUIAgkKCwQWAgMBAh4BAheAAAJEMHCEIkmdatpU64A
oIl4yXp0/ve5VmpqWodSg2KpI81AJ4l9hRomH4gu1ku36RcejUwKYoSVLkEDQRH
uH1AEBAAMbUjR0N//HxCwCrCp/zy/yyF+tjYCoVxlFjeui8Uxc3QpDmsXDBgLed
YggRT9VEFBHEF9T9edsK+2Rjs96saGcyolKnfeQSxZ9ua6Vst39vAdjBzqmVXWJW
DEgU9kAMmLs0Ni5n05Sab0GpnhNttG5NM9J4lgZ5HUNNyCMEGUC0Xa4R87sykS9
K2IfJZLsXWmvXXHD53B1uYR0PTn+HrDixwdoYFDltedGKez+GPdP28PeBWeIJhQQ
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08Br2Imu5vK9XpoDhs8a1A050BJVoysdu1ESnyzuvmrRewbG14+8kPi/4EKo8lnP
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852oXyHyF0BDPd2lgfz6b2bKyI7eDT8apzrrZ+Z7yY+4TCg0D9m/Ll0T9cEag15T
XxkuPq0F6gq7vMqm3GDa+X4wXgrVhNwbKHT3hAo/eSoQTdBSPeWELZ5ykV6Ik/6U
```

```
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Xb2IhEEbcdnE1FKz0/e3d+01ze+diefS7/Lxd9zAPdmHY9W3dudzFgQv50F69kkUr
JzZF770x8X1dlpD/ip2Moimh0rb40PrP/AasCiw4hgXKfsDInqSMKDK4KaZZCKFf
4N6yGD2KAqGnJfNNzIrdxpH0BjeXXZm+Fzmr5M/eWMDG0JZmYnKCSF7dStdwVZH
Ld7RUvpQ3cR+lQUI6hYTMhXPqR7mEDAHq7IYzbA1HBplc1P4vywD/myTi4wevomE
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B8ky12ZLA9s7+RmT1Vx51pX0j2YnTT7RE2+QWu/gUfm8gWsq8tSwowzuE84Qcwfx
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i1UhvlyRMyro7D+eURm07yvpWyeLfILnm4U/PoFx4JK++UehPB+QACs0bKZ9A0h
kTjflPiKorAw13Mv/BinmgRPNsJZzqUEW3ILiEkEGBECAAkFAke4fUACGwACgkQ
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j2THTkZc
=2RPV
-----END PGP PUBLIC KEY BLOCK-----
```

3.61. Sean Chittenden <seanc@FreeBSD.org>

```
pub 1024D/EE278A28 2004-02-08 Sean Chittenden <sean@chittenden.org>
    Key fingerprint = E41F F441 7E91 6CBA 1844 65CF B939 3C78 5
EE27 8A28
sub 2048g/55321853 2004-02-08
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
mQGibEAlrEIRBACQ1ZZIej0e8esRdDxmuSv96bv1NTDBaEx7P649JM8a3afUvnQL
JkA/ryZsKAnw10eIK907Cs5HdaG1LD9tttpQoLG5ZN23K01CuHUvq6yY+evwDV31D
rKwYfALKfdhtAaymxM7RRsNNV80kXLg0SEtBit4lbdY79vqiVC3PeWYvIwCgy0lb
7dw3f2mNtm280LybD5jn5KcD/2gWssJVtQgssnCi0Jto8csULw40KyJHvXX06Qkf
lnXKcCjTBMgXZf0cZpYhuyqMUZfsVJaF0LMJ85J8zD+0f3G/KwuCqW7jqpom0zw9
mgsmhZ1rZCbf4cG1orpGSSfmsi5IFoe+mWEJgHwIKLLYd/XDfTlq81swa2AlcjbE
Pod+A/0cNS0Wz4rj1ZjcxYsxoSZE55eFEHfIJ+5g3yMbNpCvbQhLSclgDD1Z46p
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GYL3qcbtV8Wgn153k6DnMuc7by2iTrJiRjWw4LNVhRZn3/dj8LQU2VhbiBDAgl0
dGVuZGVuIDxzZWFuQGNoaXR0ZW5kZW4ub3JnPoheBBMRagAeBQJAJaxCAhsDBGsJ
CAdAgMVAgMDFGIBAh4BAheAAAOJELk5PHjuJ4ooG+EAoJP+RzGsCHKYGalHok0/
B0hbNlKtAJ0YTLdINuquFtqFTEZgwTUg4jeHFbkCDQRAJaxTEAgAqKA+B8+oo31g
N7Q6uw1rR5F6M2fFBwPrYU9w6bM7qX6e/oy3epL8BgtzdlHyzcux/hLGDHGP6mku
lwH5wGSjfqfbk3guIlogl+e0EjblIeUEAA1R/k2o8xt/HINhXiCjQhY6AJL9cljGz
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gGkSqMB0KSKAPGc35Jh4nzvPSKjXmkXutCnPnc0+qPor05j2Dx53ZkfB7Raj6CiY
C8VQ8PDEpjELTq8fu0qqrL911RDYA0ECWEqyim78qR0uhgq5750w1Cj3K8o2FDE
Qap5jNPiUwADBQf/bK9Es1QDyDTPLC7Look10S50vhotrHce7P+uab++khm03ajq
XmNuTYifQY0kgzEBAELw4+isBf1NV1vvPK9P6k6FCx+1mcNYZiTrLBo15MtcXlB
IqkD3v/BnhVgT0PqJT6j08g1KcmHEq+GurXqydIfEzWCbz0+snVK769Q9rJHUf8
icDKfUIlm7javdnXVrpA1kKZM80mis+Bf017XDBLYZuVW5raJDzG42YM8H1mrqBa
GL806X/3i55d2RfgrljZvXBpd0ZRnM21w6hXNuj30aVxqrQn9h0gzBcVdSZWc9b
vxpmZ2j1vx7i4xNq5dzCBqxMKDcAcwomLWgjHohJBBgRagAJBQJAJaxTAhsMAAoJ
ELk5PHjuJ4oob8sAoI0szWtufL86pHsG0AwxsyKDS38AJ0SAW5Nr1N1HLZlrtlG
```

```
0ev24JoBxQ==
=yGes
-----END PGP PUBLIC KEY BLOCK-----
```

3.62. Junho CHOI <cjh@FreeBSD.org >

```
pub 1024D/E60260F5 2002-10-14 CHOI Junho (Work) <cjh@wdb.co.kr>
    Key fingerprint = 1369 7374 A45F F41A F3C0 07E3 4A01 C020 0
E602 60F5
uid                                CHOI Junho (Personal) <cjh@kr.
FreeBSD.org>
uid                                CHOI Junho (FreeBSD) <cjh@FreeBSD.org>
sub 1024g/04A4FDD8 2002-10-14
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.0 (FreeBSD)
```

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mQGIBD2qLwKRBADbZ6Rsv7guMTzGT9lj4eIE29vj0ZZNWfepFEqEmWK0jMLAATX0
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QTUK1GI1DheFPGGGxbt9w40nsLRVw20r7GA/XHexCDwx5KZpJNt08c/MqdLzAae5
CuYQA/9bb5T8xhamrs0FTmdLY3wPM2efnp5d3luwA2Fe3SdC5Rkoa2fDye5w7fy1
9YX638Nw0YU6P/xmygdBjqxKs28/6evo79KAW0NL0d120pEYo3yVz58C3YGLEFe
p9ggrBf41MjnnMg+D7NdB0HtISf0rU3TtB/1DiGE3+QpMwu0HrQqQ0hPSSBKdW5o
byAoUGVyc29uYWwIDxjamhAa3IuRnJlZUJTRC5vcmc+iFkEEExECABkFAj2qLwKE
CwcDAgMVAgMDfGIBAh4BAheAAoJEEoBwCDmAmD1SyYAn3JBbPs/6lAQ55HLjew2
suN8XP8RAJ90BFQhUphqmQ/shjrwbnRBsgDbc7QmQ0hPSSBKdW5obyAoRnJlZUJT
RCkgPGNqaEBGcmVlQlNELm9yZz6IXAQTEQIAHAUCPa7Z7gIbAwQLBwMCAxUCAwMW
AgECHgECF4AACGkQSGHAI0YCPW9MgCe0Yg0UTCIsagnCymketJwQoGBEpsAnik+
bL1lPnomVghlMMUgU8wxB9sQtCFDSE9JIEp1bmhvIchXb3JrKSA8Y2poQhdkYi5j
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I0YCPVIOgCbBZEg/a9K4BAY5HQ7wF0p6u/G+nYAnRgB4zUmf2M57dxEx2hm93pI
aKP/uQENBD2qLxQA0BADMgxA9f5QYLFnR/XZ+Hqa/YCeqFMZ3hC4KnjWBDDXfi0Cv
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1BukNV5NMFekP07pX6k4R0aQr0SQUmcdYD7t6V/M4xswV0wcEck/W9BuGA/9NwAD
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EAAKCRBKAcAg5gJg9EZZAJ90E4gu6VACob81uH3MxWmgjpG2iwCfeNte1Wz7E03K
z54TjDmC4biJg2M=
=g8A3
-----END PGP PUBLIC KEY BLOCK-----
```

3.63. David Christensen <davidch@FreeBSD.org >

```
pub 4096R/6EF8EA544E261A57 2013-10-04 [expires: 2018-10-03]
    Key fingerprint = 6D3B 985F 2737 C936 F37D 93D6 6EF8 EA54 0
4E26 1A57
```

OpenPGP Keys

```
uid          David Christensen (FreeBSD Committer &
Key) <davidch@freebsd.org>
sub 4096R/6B5D5DE299525D80 2013-10-04 [expires: 2018-10-03]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQINBFJPJcsBEADmf5DUndxeVye5givnUG3dLA1mbWNxsiF9abmzYeHfsuZSQJdf
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beaQNUWdr2b8gzgusu9NdxQqNMLFcHMa2o7ckQHJQurRvgicYyyC0dc0Ld0JFDa+
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Qrns3qrLL4XNm7s5r6gbrCCdXsuygyMH2walmdTNwtwCBdG0cBCEYpUXnb9gDT8k
0JXXpw9KxY1S9Encsp+459/nSBa5pVq2BvQ1V0/7xI1JngyVMWtNm7D2HQ+HfIX3
sB00MjxU7R82cXcpNl/PRTLeXYQH5elXmoA/skrHN0D0yh45c3ae+seGDsh6bslW
VV41fvjMtIVwbAk0nlomVz8JtdGUpd0cgPHxngdcMxHgw3BRvb1irLZ9MB4StUAN
IeIh60Kv8Q4L50rm5z0qHvx0XFaEfXuNbWV2MQj3GSZhyZKzd/j0ZB4D4GLCjS3Z
Hkne7rhDEXsXQ1fndkyLXwYBHdmIAowv5Rub7YHN+nYGNZNCxXas0pw7+vQARAQAB
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-----END PGP PUBLIC KEY BLOCK-----

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3.64. Jonathan Chu <milki@FreeBSD.org>

```

pub  4096R/1DAACB3510D2041A 2013-12-16
     Key fingerprint = 9F11 FB1D 917F CD6A 479D  EA46 1DAA CB35  0
10D2 041A
uid                               Jonathan Chu (ports) <milki@FreeBSD.org>
sub  4096R/02DDC04CA046B32A 2013-12-16

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

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3.65. Crist J. Clark <cjc@FreeBSD.org >

```

pub 1024D/FE886AD3 2002-01-25 Crist J. Clark <cjclark@jhu.edu>
    Key fingerprint = F04E CCD7 3834 72C2 707F 0A8F 259F 8F4B 8
FE88 6AD3
uid                                Crist J. Clark <cjclark@alum.mit.edu>
uid                                Crist J. Clark <cjc@freebsd.org>
sub 1024g/9B6BAB99 2002-01-25

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.66. Joe Marcus Clarke <marcus@FreeBSD.org>

```
pub 1024D/FE14CF87 2002-03-04 Joe Marcus Clarke (FreeBSD committer &
address) <marcus@FreeBSD.org>
    Key fingerprint = CC89 6407 73CC 0286 28E4 AFB9 6F68 8F8A &
FE14 CF87
uid                               Joe Marcus Clarke <marcus@marcuscom.org>
com>
sub 1024g/B9ACE4D2 2002-03-04
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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=Bu/6
-----END PGP PUBLIC KEY BLOCK-----
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3.67. Nik Clayton <nik@FreeBSD.org>

```
pub 1024D/2C37E375 2000-11-09 Nik Clayton <nik@freebsd.org>
    Key fingerprint = 15B8 3FFC DDB4 34B0 AA5F 94B7 93A8 0764 &
2C37 E375
uid                               Nik Clayton <nik@slashdot.org>
uid                               Nik Clayton <nik@crf-consulting.co.uk>
```

OpenPGP Keys

```
uid Nik Clayton <nik@ngo.org.uk>
uid Nik Clayton <nik@bsdi.com>
sub 1024g/769E298A 2000-11-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----

```

3.68. Benjamin Close <benjsc@FreeBSD.org>

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pub    1024D/4842B5B4 2002-04-10
       Key fingerprint = F00D C83D 5F7E 5561 DF91 B74D E602 CAA3  3
4842 B5B4
uid          Benjamin Simon Close <Benjamin.O
Close@clearchain.com>

```

OpenPGP Keys

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uid Benjamin Simon Close <benjsc@FreeBSD.org>
uid Benjamin Simon Close <benjsc@clearchain.com>
sub 2048g/3FA8A57E 2002-04-10
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-----END PGP PUBLIC KEY BLOCK-----

3.69. Garrett Cooper <ngie@FreeBSD.org>

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pub 2048R/C66BE5053A4BBDDE 2014-07-30 [expires: 2015-07-30]
Key fingerprint = EB41 F9FC FB0F E8F4 3983 F6F8 C66B E505 3A4B BDDE
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uid          Garrett Cooper <yaneurabeya@gmail.com>
sub    2048R/8072A2EF5B1FADD0 2014-07-30 [expires: 2015-07-30]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - https://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.70. Tijl Coosemans <tijl@FreeBSD.org >

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pub    2048D/20A0B62B 2010-07-13
       Key fingerprint = 39AA F580 6B44 5161 9F86  ED49 7E80 92D8  5
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uid          Tijl Coosemans <tijl@coosemans.org>
uid          Tijl Coosemans <tijl@freebsd.org>
sub    2048g/7D71BA74 2010-07-13
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=JjyN
-----END PGP PUBLIC KEY BLOCK-----

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3.71. Raphael Kubo da Costa <rakuco@FreeBSD.org >

```

pub 4096R/18DCEED6 2011-10-03
Key fingerprint = 6911 54FE BA6E 6106 5789 7099 8DD0 7D21 5
18DC EED6
uid Raphael Kubo da Costa (Personal key) 5
<rakuco@FreeBSD.org>

```

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mQINBE6JE6gBEADepD890Src00DbfeymiA8jKbWIpTKfvbzEB6u6wpRck1VLmXCq
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-----END PGP PUBLIC KEY BLOCK-----

3.72. Alan L. Cox <alc@FreeBSD.org>

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pub      2048R/33E2893B 2013-06-15
           Key fingerprint = FC7C 93FD 2C2C ABA5 C1D1 3E74 8513 043C 33E2 893B
uid           Alan Cox <alc@FreeBSD.org>
uid           Alan Cox <alc@cs.rice.edu>
uid           Alan Cox <alc@rice.edu>
sub      2048R/693757AA 2013-06-15
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```

3.73. Bruce Cran <brucec@FreeBSD.org >

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pub 2048R/6AF6F99E 2010-01-29
    Key fingerprint = 9A3C AE57 2706 B0E3 4B8A 8374 5787 A72B 6AF6 F99E
uid Bruce Cran <brucec@FreeBSD.org>
uid Bruce Cran <bruce@cran.org.uk>
sub 2048R/1D665CEE 2010-01-29

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3.74. Frederic Culot <culot@FreeBSD.org >

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pub 1024D/34876C5B 2006-08-26
    Key fingerprint = 50EE CE94 E43E BA85 CB67 262B B739 1A26 3487 6C5B
uid Frederic Culot <culot@FreeBSD.org>
uid Frederic Culot <frederic@culot.org>
sub 2048g/F1EF901F 2006-08-26
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-----END PGP PUBLIC KEY BLOCK-----
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3.75. Aaron Dalton <aaron@FreeBSD.org >

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pub 1024D/8811D2A4 2006-06-21 [expires: 2011-06-20]
Key fingerprint = 8DE0 3CBB 3692 992F 53EF ACC7 BE56 0A4D 8811 D2A4
uid Aaron Dalton <aaron@freebsd.org>
sub 2048g/304EE8E5 2006-06-21 [expires: 2011-06-20]
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3.76. Baptiste Daroussin <bapt@FreeBSD.org >

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pub 1024D/49A4E84C 2008-11-19
    Key fingerprint = A14B A5FC B860 86DE 73E2 B24C F244 ED31 49A4 E84C
uid Baptiste Daroussin <bapt@etoilebsd.net>
uid Baptiste Daroussin <baptiste.daroussin@gmail.com>
uid Baptiste Daroussin <bapt@FreeBSD.org>
sub 2048g/54AB46B4 2008-11-19

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3.77. Ceri Davies <ceri@FreeBSD.org >

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pub 1024D/34B7245F 2002-03-08
    Key fingerprint = 9C88 EB05 A908 1058 A4AE 9959 A1C7 DCC1 34B7 245F
uid Ceri Davies <ceri@submonkey.net>
uid Ceri Davies <ceri@FreeBSD.org>
uid Ceri Davies <ceri@opensolaris.org>
sub 1024g/0C482CBC 2002-03-08

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-----END PGP PUBLIC KEY BLOCK-----
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3.78. Brad Davis <brd@FreeBSD.org >

```
pub 1024D/ED0A754D 2005-05-14 [expires: 2014-02-21]
    Key fingerprint = 5DFD D1A6 BEEE A6D4 B3F5 4236 D362 3291 5
ED0A 754D
uid Brad Davis <sol4k@sol4k.com>
uid Brad Davis <brd@FreeBSD.org>
sub 2048g/1F29D404 2005-05-14 [expires: 2014-02-21]
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-----END PGP PUBLIC KEY BLOCK-----
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3.79. Eric Davis <edavis@FreeBSD.org >

```
pub 2048R/F52DF060EC5583DD 2013-10-09
    Key fingerprint = F368 53A8 E3CB 7135 3140 2AE4 F52D F060 5
EC55 83DD
uid Eric Davis <edavis@insanum.com>
uid Eric Davis <edavis@FreeBSD.org>
uid Eric Davis <edavis@broadcom.com>
sub 2048R/156FF9FC786CB51C 2013-10-09
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-----END PGP PUBLIC KEY BLOCK-----
```

3.80. Paweł Jakub Dawidek <pjd@FreeBSD.org>

```
pub 1024D/B1293F34 2004-02-02 Paweł Jakub Dawidek <Paweł@Dawidek.ϭ
net>
Key fingerprint = A3A3 5B4D 9CF9 2312 0783 1B1D 168A EF5D ϭ
B129 3F34
uid Paweł Jakub Dawidek <pjd@FreeBSD.org>
uid Paweł Jakub Dawidek <pjd@FreeBSD.pl>
sub 2048g/3EEC50A7 2004-02-02 [expires: 2006-02-01]
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```



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-----END PGP PUBLIC KEY BLOCK-----
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3.81. Alexey Degtyarev <alexey@FreeBSD.org>

```
pub 2048R/392CE63AA025BC4D 2013-11-08
    Key fingerprint = B347 13EF BDDA 45FE EEB1 9110 392C E63A 3
A025 BC4D
uid Alexey Degtyarev <alexey@freebsd.org>
sub 2048R/6D5FB75FB723C378 2013-11-08
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A8SHoHomqe7Aalx3dxTff69eGtpDagMX2cKdmCsFHsbGZWGIL+CTFffbdgFwe8aH
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sNa5A00EUen04SQEIak5EjUZ0JpiMdRn3N0MPq9xoYXuddl0iyrveDtehXW+QiL2c
zPnUVgZvdGkvHPLYBH92zo3dxH2IUlsWMEjXjFs7ivHZ/gY4gPdd1qALpE9LUo9M
wyVFnb64N9burnLR2jW3G9SjHJxDi7sVBtecvskubQAEQYTCky4eNdCEeJmBydm
HVLgy3QpdIttAMxot5nyPo/5FjIvLFipyold2z6DZH8aXxNgXM0UYX3PPDFwlc2T
x0s2hYUHVefR0muuMoLYe6iZ8uLq+hHbi67tDHoTdraU80qpNnhUdR5N3vKx6otK
f4K1CQUOp9iqMdPwLIVYzFz6rKxMnYpmlL70F/UAEQEAAykBHWQYAQIACQUcUn04
SQIbDAAKCRASL0Y6oCW8TTb8B/9DtMIySyZWEMye6z26z5A3smDjXVRNwp056n1T
fPLTLncWRYfUm6DM60/uTnS64Un46UtMTxeeD08yV2fiR3FAAMxgl1ePQtyq4CVLj
IduKsEzWQLFPTTv8viIxpF9y3qxKE0Nh/DWPQZ9E7uDGuWdfsiJfGuFdbLRmsgtJ
9IHDiBSqwWejK57tQQug54UK1pALVgTjBfT77WKW5hVzGguCY8LPT7jLo4eGe5c
ygKsm2r5e6FSTU3QG1by5617lryYXVoyxeFmFzIvYNw5u0hrzCM0sCMFy7kuWln4
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=bwuv
-----END PGP PUBLIC KEY BLOCK-----
```

3.82. Brian S. Dean <bsd@FreeBSD.org>

```
pub 1024D/723BDEE9 2002-01-23 Brian S. Dean <bsd@FreeBSD.org>
    Key fingerprint = EF49 7ABE 47ED 91B3 FC3D 7EA5 4D90 2FF7 7
723B DEE9
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sub 1024g/4B02F876 2002-01-23
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGiBDx0CiIRBACyyoMk50yGd0kR0a4fj8zPJ2A0ielQ1BYv7JLIWdNeMhdQ0gj
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QL90PPIc24Er670NnhF7Smvubus4IdckvM24kuUTINmiuFzVwuwWdXdvwCght6R
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RgQYEQIABgUCPE4KJAAKCRBNkC/3cjve6eroAKCCMN4s5AqTy38BwmspFvSu90I
IwCfTGutfs+PGUY9JJoabnnfJhfIgNA=
=MFJO
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```
-----END PGP PUBLIC KEY BLOCK-----
```

3.83. Carl Delsey <carl@FreeBSD.org>

```
pub 4096R/FB3B5D38 2013-01-15
Key fingerprint = F0E5 3849 C6C3 668B 68A3 BCC7 6031 E963 3
FB3B 5D38
uid Carl Delsey <carl@FreeBSD.org>
sub 4096R/256F29D3 2013-01-15
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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b23if+AI1o0aIPF09KNpiQW4lNt98WkiHvIKPJh6u0fi26tqvNGUHAMeM3SmTbGZ
m2S8L469EDPHm4ME5wFo11IKBCB8mczg/iGzCjffj96DNyGivgDuC0Xdx/7EoP2L
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HQBWPV8Iq8XqjvvgIuoGeMHJrRXh/BqjE8er+rUXtyZqXD1MdxHoVpzdRopta9M9
vfuQgB/9yjmZ3VHri5+6pEnoTw9wGeLs+p0mdRXddSbMdVf1S4qxXA7W7uqJW1LR
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```

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kRZI5tf14gj5g72AQshy/h1QmgvoWyLS2BMt96V637bomxpauS8BYG3qucXZvXoC
0csSt1RuH79U+QUnxJADfX6r+kgq0wCUEtHRwF2Sgjm0CTtIHLVVHPTFVnj7zTg5
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Pf40F5/w8DPyIl1PWF8M5ubVPh7ryvdbcrGvrXAdY4qc8a0GVj09i0Yr4ZMkug4n
AG2Jvw2+ksLoSpdWXAgoLzYZx7DvmvpCLRRALngu/zv2WozrCQvBMZ4lTYfjxAdN
ywiBvWwQerzAYaxb3NIqEdY0sxPk+fNoeRH/t9Q6A0z56I/KeP1PadUEmu0offxj
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=jP+Z
-----END PGP PUBLIC KEY BLOCK-----
```

3.84. Vasil Dimov <vd@FreeBSD.org >

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pub      1024D/F6C1A420 2004-12-08
Key fingerprint = B1D5 04C6 26CC 0D20 9525  14B8 170E 923F  5
F6C1 A420
uid          Vasil Dimov <vd@FreeBSD.org>
uid          Vasil Dimov <vd@datamax.bg>
sub      4096g/A0148C94 2004-12-08
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBEG3FBQRBACTPLU4+bnd9eNmB/xp170CQdMez/lpGrFWcYRh6w0RqUEt3AAL
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IjUPMLL0FufcJpVH7vJSOTxDAVTnyrXSZbKlKUWYVcSxoH07zFvWQ4s6qoIct3a
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XmPkHj0KHckscg/fYw==
=Yp1b
-----END PGP PUBLIC KEY BLOCK-----

```

3.85. Roman Divacky <rdivacky@FreeBSD.org>

```

pub 1024D/3DC2044C 2006-11-15
Key fingerprint = 6B61 25CA 49BC AAC5 21A9 FA7A 2D51 23E8 3DC2 044C
uid Roman Divacky <rdivacky@freebsd.org>
sub 2048g/39BDCE16 2006-11-15

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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RF5tYg2N3hnqioWri1t3BJn1qpHgSL+mJJRqf00c2U5XUKuxAvTwjARyqa2G+WiF
hPc1pme9Ty2n9XkmT7G3jidTNHXbqsjEK00CZdLJH0kTuStUjn8Mz2PpvlZoj0Mo
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3I1WppEoQQw=
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-----END PGP PUBLIC KEY BLOCK-----

```

3.86. Alexey Dokuchaev <danfe@FreeBSD.org>

```

pub 1024D/3C060B44 2004-08-23 Alexey Dokuchaev <danfe@FreeBSD.org>
    Key fingerprint = D970 08A4 922C 8D63 0C19 8D27 F421 76EE ☞
3C06 0B44
sub 1024g/70BAE967 2004-08-23

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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3.87. Dima Dorfman <dd@FreeBSD.org >

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pub 1024D/69FAE582 2001-09-04
    Key fingerprint = B340 8338 7DA3 4D61 7632 098E 0730 055B 69FA E582
uid Dima Dorfman <dima@trit.org>
uid Dima Dorfman <dima@unixfreak.org>
uid Dima Dorfman <dd@freebsd.org>
sub 2048g/65AF3B89 2003-08-19 [expires: 2005-08-18]
sub 2048g/8DB0CF2C 2005-05-29 [expires: 2007-05-29]
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-----END PGP PUBLIC KEY BLOCK-----

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3.88. Bryan Drewery <bdrewery@FreeBSD.org>

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pub 2048R/35D771BB6E4697CF 2013-10-24 [expires: 2018-10-23]
    Key fingerprint = F917 3CB2 C3AA EA7A 5C8A 1F09 35D7 71BB 3
6E46 97CF
uid                               Bryan Drewery <bdrewery@FreeBSD.org>
uid                               Bryan Drewery <bryan@shatow.net>
sub 2048R/FF5A7FF27D55A32D 2013-10-24 [expires: 2018-10-23]

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-----END PGP PUBLIC KEY BLOCK-----
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3.89. Olivier Duchateau <olivierd@FreeBSD.org >

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pub 2048R/22431859 2012-05-28 [expires: 2017-05-27]
    Key fingerprint = C057 112A 4A27 B5F2 CD8F 6C9A FC5A 0167 3
2243 1859
uid Olivier Duchateau <duchateau.olivier@gmail.com>
sub 2048R/63A85BDF 2012-05-28 [expires: 2017-05-27]
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-----END PGP PUBLIC KEY BLOCK-----
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3.90. Bruno Ducrot <bruno@FreeBSD.org>

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pub 1024D/7F463187 2000-12-29
    Key fingerprint = 7B79 E1D6 F5A1 6614 792F D906 899B 4D28 3
7F46 3187
uid                               Ducrot Bruno (Poup Master) <ducrot@pouponou.org>
sub 1024g/40282874 2000-12-29
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3.91. Alex Dupre <ale@FreeBSD.org>

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3.92. Rusmir Dusko <nemysis@FreeBSD.org >

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pub 4096R/4C93E3D2 2013-05-01
Key fingerprint = 6FEB 14C6 26D4 7E3A 57DE 487F B6B9 B8F6 4C93 E3D2
uid nemysis <nemysis@FreeBSD.org>
sub 4096R/9CF8C13B 2013-05-01
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3.93. Peter Edwards <peadar@FreeBSD.org >

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pub 1024D/D80B4B3F 2004-03-01 Peter Edwards <peadar@FreeBSD.org>
    Key fingerprint = 7A8A 9756 903E BEF2 4D9E 3C94 EE52 52F7 3
D80B 4B3F
uid Peter Edwards <pmedwards@eircom.net>
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3.94. Daniel Eischen <deischen@FreeBSD.org >

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pub 4096R/7D15560B 2012-11-17
    Key fingerprint = 0039 2133 69CA 14D3 236A E331 361A 68B2 3
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uid Daniel Eischen <deischen@FreeBSD.org>
sub 4096R/A51F81F7 2012-11-17
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3.95. Josef El-Rayes <josef@FreeBSD.org >

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pub 2048R/A79DB53C 2004-01-04 Josef El-Rayes <josef@FreeBSD.org>
    Key fingerprint = 58EB F5B7 2AB9 37FE 33C8 716B 59C5 22D9 0
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uid                               Josef El-Rayes <josef@daemon.li>

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-----END PGP PUBLIC KEY BLOCK-----

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3.96. Lars Engels <lme@FreeBSD.org >

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pub 2048R/E54CB37D3A089D6D 2014-03-10 [expires: 2017-03-09]
    Key fingerprint = 8F40 017E 4DF5 3125 7AFE 5149 E54C B37D 3A08 9D6D
uid                               Lars Martin Engels <lars@bsd-geek.de>
uid                               Lars Martin Engels <lars.engels@0x20.net>
net>
uid                               Lars Martin Engels <lars@0x20.net>
uid                               Lars Martin Engels <lme@FreeBSD.org>
sub 2048R/5AB391DB0BA67DBB 2014-03-10 [expires: 2017-03-09]
    Key fingerprint = C31C 8DAA 4A95 2507 F065 C42D 5AB3 91DB 0BA6 7DBB

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3.97. Udo Erdelhoff <ue@FreeBSD.org>

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pub 1024R/E74FA871 1994-07-19 Udo Erdelhoff <uer@de.uu.net>
    Key fingerprint = 8C B1 80 CA 2C 52 73 81 FB A7 B4 03 C5 32 0
C8 67
uid Udo Erdelhoff <ue@nathan.ruhr.de>
uid Udo Erdelhoff <ue@freebsd.org>
uid Udo Erdelhoff <uerdelho@eu.uu.net>
uid Udo Erdelhoff <uerdelho@uu.net>

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.98. Ruslan Ermilov <ru@FreeBSD.org >

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pub 1024D/996E145E 2004-06-02 Ruslan Ermilov (FreeBSD) <ru@FreeBSD.org>
Key fingerprint = 274E D201 71ED 11F6 9CCB 0194 A917 E9CC 996E 145E
uid Ruslan Ermilov (FreeBSD Ukraine) <ru@FreeBSD.org.ua>
uid Ruslan Ermilov (IPNet) <ru@ip.net.ua>
sub 1024g/557E3390 2004-06-02 [expires: 2007-06-02]
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-----END PGP PUBLIC KEY BLOCK-----
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3.99. Lukas Ertl <le@FreeBSD.org >

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pub 1024D/F10D06CB 2000-11-23 Lukas Ertl <le@FreeBSD.org>
    Key fingerprint = 20CD C5B3 3A1D 974E 065A B524 5588 79A9 3
F10D 06CB
uid                                     Lukas Ertl <a9404849@unet.univie.ac.at>
at>
uid                                     Lukas Ertl <l.ertl@univie.ac.at>
uid                                     Lukas Ertl <le@univie.ac.at>
sub 1024g/5960CE8E 2000-11-23
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Version: GnuPG v1.2.5 (FreeBSD)
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3.100. Stefan Esser <se@FreeBSD.org>

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pub 2048R/5B67BDFFAc91BF2B 2013-10-28
    Key fingerprint = FAE1 71FB 7760 6F2D 1674 D25A 5B67 BDF5 7
AC91 BF2B
uid                                Stefan Esser <se@freebsd.org>
sub 2048R/03A1012574860DCE 2013-10-28

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3.101. Brendan Fabeny <bf@FreeBSD.org >

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pub  4096R/0x4AE10A7E8F65FECF 2013-09-27 [expires: 2016-09-26]
      Key fingerprint = C5C3 8EB7 0DCD 2BA2 B8AB 6BBC 4AE1 0A7E 8F65 FECF
uid                               [ultimate] Brendan Fabeny <bf@FreeBSD.org>
sub  4096R/0x8B6BF0BED7B81E31 2013-09-27 [expires: 2016-09-26]

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-----END PGP PUBLIC KEY BLOCK-----

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3.102. Guido Falsi <madpilot@FreeBSD.org >

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pub 2048R/1AE6860E56CBD293 2012-04-12
Key fingerprint = F317 2057 E17E 4E3A 3DA5 9E1D 1AE6 860E 56CB D293
uid Guido Falsi <mad@madpilot.net>
uid Guido Falsi <guido@falsiborrelli.it>
uid Guido Falsi <madpilot@FreeBSD.org>
uid Guido Falsi <gfalsi@gfratio.it>
sub 4096R/CB95603DDCCDB1C8 2014-02-28

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3.103. Rong-En Fan <rafan@FreeBSD.org >

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pub 1024D/86FD8C68 2004-06-04
Key fingerprint = DC9E 5B4D 2DDA D5C7 B6F8 6E69 D78E 1091 86FD 8C68
uid Rong-En Fan <rafan@infor.org>
uid Rong-En Fan <rafan@csie.org>
uid Rong-En Fan <rafan@FreeBSD.org>
sub 2048g/42A8637E 2009-01-25 [expires: 2012-07-08]
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3.104. Dominic Fandrey <kami@FreeBSD.org >

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pub 2048R/6FF05D69A92A59DB 2014-09-18 [expires: 2017-09-17]
    Key fingerprint = 7D88 4610 FFBB BA86 F17B C037 6FF0 5D69 9
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uid Dominic Fandrey <kami@freebsd.org>
sub 2048R/B4EC9D5FBC909F27 2014-09-18 [expires: 2017-09-17]
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V5mJWgy0sfH7Dxm8eJ1DNCPrelKBDQRUGuo2AQgAnVfL+yERukgDaRtoAXY/PUXc
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0St9wrs0FzqrSQqPT95M+ogfp2ktzUKftfDLepklNYMfL5SEYvcCXYRI+kYKJ5B
bI62t0YS4e5ghsdKdksTXLNCuBo7XVz9aJPVkpbp3HNz+fqsIFBisyT+00XR/2s
iqAY0frZy5BFo2ricIKKIrWnmGwLIXLGBkwwvF9x78wCJLTi9AeXV2BPecuLPrjj
GCuqHktWcTt8yStDt09MdHvdsL0PwNR/TaIrc0VCjMoXAoMbqU7swtWZqoLGewAR
AQABiQE1BBgBCgAPBQJUGuo2AhsMBQkFo5qAAAOJEG/wXWmpKlnbzTMH/iP8+VnK
w7kDAJxmKpjcz1ngp5wuwnQzj4/4VYbD7Nq5P8P5WW0YZ7IB9Bnw2ZwAa45rGew
```



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BLMdx+gstknNGpoZtPj1n5vCU98qPS0RThhB3xLNTSf6NwappYTnIrmRwp7tKFTTh
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Knj5j7j+ERGgo9YMZ0FRVys3MmVGu7DknWHyTaab24h0qv0nd3evGDRV7JoxGwKV
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JJ30lBBrsT/EB48=
=/44p
-----END PGP PUBLIC KEY BLOCK-----
```

3.105. Stefan Farfeleder <stefanf@FreeBSD.org>

```
pub 1024D/8BEFD15F 2004-03-14 Stefan Farfeleder <stefanf@fafoe.narf.␣
at>
    Key fingerprint = 4220 FE60 A4A1 A490 5213 27A6 319F 8B28 ␣
8BEF D15F
uid                                Stefan Farfeleder <stefanf@complang.␣
tuwien.ac.at>
uid                                Stefan Farfeleder <stefanf@FreeBSD.␣
org>
uid                                Stefan Farfeleder <stefanf@ten15.org>
sub 2048g/418753E9 2004-03-14 [expires: 2007-03-14]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGibEBUhZkRBAC0yBTXaf9n0gkvq52yhACaPjUpAY4c+Z+xDM5jZZNpcaEyuU5N
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a2CgQr7AgzWPGeZLRUqUuljYKwZ5JUqch3ooU4e+eFkYjovMyiC5E23UxZWYDZQ
DA1a0izxH7519R5l1YDsrgjZdVz3Ks7iCPYZ+T2QMGm7oUDjbt0xAhQcT15yj2K7
f0m6KtmHWzwgf5Dagcph00anBMLdDQ1RqscAAWUIAMRenMLnk1jhYUYoitYNDJTO
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```

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jMYEm70IS3tmo3hHyTbLuOpXf3f7ZHmai2gXPdDmIczDqkE1PneX9gJQadQTqvky
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=9khA
-----END PGP PUBLIC KEY BLOCK-----
```

3.106. Babak Farrokhi <farrokhi@FreeBSD.org>

```
pub      1024D/7C810476 2005-12-22
          Key fingerprint = AABD 388F A207 58B4 2EE3 5DFD 4FC1 32C3 7C81 0476
uid       Babak Farrokhi <farrokhi@FreeBSD.org>
uid       Babak Farrokhi <babak@farrokhi.net>
sub       2048g/2A5F93C7 2005-12-22
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGiBE0quWMRBADPeAMeFy90MbD3PxNmPIuY9CMb/fP9G3KNugVwLoHj29pXHS
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4HhUx17vQG70K31I2JxoNRMKPcDKxegHqYqpzb6vEr3gsKT7GSeMBREq0rvfZfQ
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9RVM7/8wJCKNJd1ej35rMQYVroliIEKEGBECAAkFAK0quXECGwwACgkQT8EYw3yB
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=vL0B
-----END PGP PUBLIC KEY BLOCK-----
```

3.107. Chris D. Faulhaber <jedgar@FreeBSD.org >

```
pub 1024D/FE817A50 2000-12-20 Chris D. Faulhaber <jedgar@FreeBSD.org>
    Key fingerprint = A47D A838 9216 F921 A456 54FF 39B6 86E0 7
FE81 7A50
uid Chris D. Faulhaber <jedgar@fxp.org>
sub 2048g/93452698 2000-12-20
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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RmF1bGhhYmVyIDxqZWFnYXJAZnhwLm9yZz6IVwQTEQIAFwUC0kE/3AULBwoDBAMV
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aXMgRC4gRmF1bGhhYmVyIDxqZWFnYXJARnJlZUJTRC5vcmc+IFcEEeECABcFAjpB
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+cRR3PTYbgCgu5y+kYYTJB3hBchxggLCrJ166wm5Ag0E0kFAfBAIANHkcMb9WQWx
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Gusip9Dpd+UANYf8Tq+S3YfP8lFu7zA1JAHu5LnD0o/K1gZ6EZxc5hYUu98Y6Xv
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2h0mjuFFyoc7TEsMe57BUag3HiWyNR/CrVw9AppqZ1s40/zAo4HlkJbZ9rhv9I09
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=R6MH
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-----END PGP PUBLIC KEY BLOCK-----
```

3.108. Mark Felder <feld@FreeBSD.org >

```
pub 2048R/1F13E252 2013-11-09 [expires: 2014-11-09]
    Key fingerprint = 7481 93E6 C417 1C8A 4B6B 2488 983B 6450 3
1F13 E252
uid Mark Felder <feld@FreeBSD.org>
sub 2048R/C025EB78 2013-11-09 [expires: 2014-11-09]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.109. Brian F. Feldman <green@FreeBSD.org >

```
pub 1024D/41C13DE3 2000-01-11 Brian Fundakowski Feldman &
<green@FreeBSD.org>
    Key fingerprint = 6A32 733A 1BF6 E07B 5B8D AE14 CC9D DCA2 &
41C1 3DE3
```

OpenPGP Keys

```
sub 1024g/A98B9FCC 2000-01-11 [expires: 2001-01-10]

pub 1024D/773905D6 2000-09-02 Brian Fundakowski Feldman <
<green@FreeBSD.org>
    Key fingerprint = FE23 7481 91EA 5E58 45EA 6A01 B552 B043 7739 05D6
sub 2048g/D2009B98 2000-09-02
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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mQGIBDh63HoRBADnIwp0jAts71A8JG07tKjUYV72Ky0nWN9HAtS8FJTGeT1eXwGI
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3.110. Mário Sérgio Fujikawa Ferreira <lioux@FreeBSD.org>

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3.111. Matthew Fleming <mdf@FreeBSD.org >

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pub 2048R/A783DAA2 2012-11-22 [expires: 2016-11-22]
    Key fingerprint = 773F E069 BE98 CE96 4AC6 B8AB 1A1B 255E 3
A783 DAA2
uid      Matthew D Fleming <mdf356@gmail.com>
uid      Matthew D Fleming <mdf@FreeBSD.org>
sub 2048R/4015B7AA 2012-11-22 [expires: 2016-11-22]

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3.112. Tony Finch <fanf@FreeBSD.org >

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pub 1024D/84C71B6E 2002-05-03 Tony Finch <dot@dotat.at>
Key fingerprint = 199C F25B 2679 6D04 63C5 2159 FFC0 F14C 84C7 1B6E
uid Tony Finch <fanf@FreeBSD.org>
uid Tony Finch <fanf@apache.org>
uid Tony Finch <fanf2@cam.ac.uk>
sub 2048g/FD101E8B 2002-05-03

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3.113. Marc Fonvieille <blackend@FreeBSD.org >

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pub 1024D/4F8E74E8 2004-12-25 Marc Fonvieille <blackend@FreeBSD.org>
    Key fingerprint = 55D3 4883 4A04 828A A139 A5CF CD0F 51C0  4F8E 74E8
uid                                     Marc Fonvieille <marc@blackend.org>
uid                                     Marc Fonvieille <marc@freebsd-fr.org>
sub 1024g/37AD4E7D 2004-12-25
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3.114. Pete Fritchman <petef@FreeBSD.org >

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pub 1024D/74B91CFD 2001-01-30 Pete Fritchman <petef@FreeBSD.org>
    Key fingerprint = 9A9F 8A13 DB0D 7777 8D8E 1CB2 C5C9 A08F 74B9 1CFD
uid                                     Pete Fritchman <petef@databits.net>
uid                                     Pete Fritchman <petef@csh.rit.edu>
sub 1024g/0C02AF0C 2001-01-30
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.115. Bernhard Fröhlich <decke@FreeBSD.org >

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pub 4096R/59C48D501F718F36 2013-11-22 [expires: 2016-11-21]
    Key fingerprint = 2824 75D6 97AB C053 1B71 C127 59C4 8D50  3
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uid                               Bernhard Fröhlich <decke@FreeBSD.org>
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3.116. Bill Fumerola <bill@FreeBSD.org >

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pub 1024D/7F868268 2000-12-07 Bill Fumerola (FreeBSD Developer) ㉿
<bill@FreeBSD.org>
    Key fingerprint = 5B2D 908E 4C2B F253 DAEB FC01 8436 B70B ㉿
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uid                               Bill Fumerola (Security Yahoo) ㉿
<fumerola@yahoo-inc.com>
sub 1024g/43980DA9 2000-12-07
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.117. Andriy Gapon <avg@FreeBSD.org >

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pub 4096R/0x380342A852615619 2013-09-23 [expires: 2017-09-22]
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Key fingerprint = 6414 0613 EC1E 5175 77F5 785B 3803 42A8 5261 5619
uid [ultimate] Andriy Gapon <avg@FreeBSD.org>
uid [ultimate] Andriy Gapon <andriy.gapon@hybridcluster.com>
uid [ultimate] Andriy Gapon <avg@icyb.net.ua>
sub 4096R/0xFF3DA35E4129D34 2013-09-23 [expires: 2017-09-22]

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-----END PGP PUBLIC KEY BLOCK-----

3.118. Beat Gätzi <beat@FreeBSD.org >

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pub 1024D/774249DB 2009-01-28 [expires: 2014-01-27]
    Key fingerprint = C410 3187 5B29 DD02 745F 0890 40C5 BCF7 7742 49DB
uid                               Beat Gaetzi <beat@FreeBSD.org>
sub 2048g/173CFFCA 2009-01-28 [expires: 2014-01-27]
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-----END PGP PUBLIC KEY BLOCK-----
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3.119. Daniel Geržo <danger@FreeBSD.org >

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pub 1024D/DA913352 2007-08-30 [expires: 2008-08-29]
    Key fingerprint = 7372 3F15 F839 AFF5 4052 CAC7 1ADA C204 DA91 3352
uid                               Daniel Gerzo <gerzo@rulez.sk>
uid                               Daniel Gerzo <danger@rulez.sk>
uid                               Daniel Gerzo (The FreeBSD Project) &
<danger@FreeBSD.org>
uid                               Daniel Gerzo (Micronet, a.s.) <gerzo@micronet.sk>
sk>
sub 2048g/C5D57BDC 2007-08-30 [expires: 2008-08-29]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.120. Simon J. Gerraty <sjg@FreeBSD.org>

```
pub 1024D/B6CC76BF 2002-06-12
    Key fingerprint = F3BA D6CB E1F8 02EA 705F BCAD 6125 F840 3
B6CC 76BF
uid Simon J. Gerraty <sjg@crufty.net>
uid Simon J. Gerraty <sjg@juniper.net>
uid Simon J. Gerraty <sjg@NetBSD.org>
uid Simon J. Gerraty <sjg@FreeBSD.org>
sub 1024g/D94B72B9 2002-06-12
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-----END PGP PUBLIC KEY BLOCK-----
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3.121. Justin T. Gibbs <gibbs@FreeBSD.org>

```
pub 2048R/45A4FC2F 2012-02-10
    Key fingerprint = B98A C3AB 412B 094B D6FE E713 FA5A 1E30  45A4 FC2F
uid Justin T. Gibbs <gibbs@FreeBSD.org>
uid Justin T. Gibbs <gibbs@FreeBSDFoundation.org>
uid Justin T. Gibbs <gibbs@scsiguy.com>
sub 2048R/AF6927F8 2012-02-10
```

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3.122. Pedro Giffuni <pfg@FreeBSD.org>

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3.124. Philip M. Gollucci <pgollucci@FreeBSD.org>

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3.125. Mikolaj Golub <trociny@FreeBSD.org>

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pub  2048D/19D0B7C168EB30CD 2011-03-13
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uid                               Mikolaj Golub <trociny@freebsd.org>
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3.126. Danilo Egêa Gondolfo <danilo@FreeBSD.org>

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pub 2048R/9788BB7C 2013-09-23
    Key fingerprint = 8946 BD31 4B3F 4AD2 428A D6C5 D847 FA50  3
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0StWUz1EdhXCA5Y4QI1BaRs1sTJQDT1jCYhMFw4n0KbRUeCOaI3ixU3ygc013eCx
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=NLwL
-----END PGP PUBLIC KEY BLOCK-----

```

3.127. Daichi GOTO <daichi@FreeBSD.org>

```

pub 1024D/09EBADD6 2002-09-25 Daichi GOTO <daichi@freebsd.org>
    Key fingerprint = 620A 9A34 57FB 5E93 0828 28C7 C360 C6ED 09EB ADD6
sub 1024g/F0B1F1CA 2002-09-25

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.0 (FreeBSD)

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mQGIBD2RGpURBACZe4DKSX16jCkn4eZHJr7nGPISQr4YUq3rDqc0SULFPBZLVd8S
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+muTp/e7bDhStcMEelXc+/3mLReBJf/d6e4For6P/rqVmMACm5A2G04quwCgmrSD
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oh3CZDYvKZZ3E1v9exVDadSGvbps1bLlokku27nNd9BnlN5xZ+sQbfJtvEoBMUwH
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giZvyQCeKeQZPCnz6RKllxb8E/E17bdhN24=
=T2MZ
-----END PGP PUBLIC KEY BLOCK-----

```

3.128. Marcus Alves Grando <mrag@FreeBSD.org>

```

pub 1024D/CDCC273F 2005-09-15 [expires: 2010-09-14]
    Key fingerprint = 57F9 DEC1 5BBF 06DE 44A5 9A4A 8BEE 5F3A CDCC 273F
uid Marcus Alves Grando <marcus@sbh.eng.br>
uid Marcus Alves Grando <marcus@corp.grupos.com.br>
uid Marcus Alves Grando <mrag@FreeBSD.org>
sub 2048g/698AC00C 2005-09-15 [expires: 2010-09-14]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.4.2 (FreeBSD)

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=rDV2
-----END PGP PUBLIC KEY BLOCK-----

```

3.129. Peter Grehan <grehan@FreeBSD.org >

```

pub 1024D/EA45EA7D 2004-07-13 Peter Grehan <grehan@freebsd.org>
    Key fingerprint = 84AD 73DC 370E 15CA 7556 43C8 F5C8 4450 5
EA45 EA7D
sub 2048g/0E122D70 2004-07-13

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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XQHfTds5d6yhYwyQ4srJ6sD/izS3iZBHe/nDdTbnSIA4sIdcZUn+sRfX7/GPs3H
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=UNPF
-----END PGP PUBLIC KEY BLOCK-----
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3.130. Jamie Gritton <jamie@FreeBSD.org >

```
pub 1024D/8832CB7F 2009-01-29
Key fingerprint = 34F8 1E62 C7A5 7CB9 A91F 7864 8C5A F85E 8832 CB7F
uid James Gritton <jamie@FreeBSD.org>
sub 2048g/94E3594D 2009-01-29
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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5iTBAt0BwDF/W5LFmxajhZvW8NJKEmk8j0kUwdTzSKaLn+IAhXEhqq/uWwCg2qg
9utCYdwfeSmRwebBIQhPq4MD/2bWpo3/Vw3PZzNsja1l/s8jQjxkMoXJ8LlYFoYw
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B5Tphm0TQJ4ytVxr/tcvzD0CxbtyG6t7eCJBlfEgGjZLQu7uYrQhSmFtZXMgR3Jp
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```

```

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=Uux7
-----END PGP PUBLIC KEY BLOCK-----

```

3.131. Edwin Groothuis <edwin@FreeBSD.org>

```

pub 2048R/C593B37A 2013-11-02 [expires: 2017-11-02]
    Key fingerprint = 7046 C56A A497 73C6 096C 3F50 11C4 8287 3
C593 B37A
uid Edwin Groothuis <edwin@freebsd.org>
sub 2048R/731E3D42 2013-11-02 [expires: 2017-11-02]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG/MacPGP2 v2.0.22 (Darwin)
Comment: GPGTools - https://gpgtools.org

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-----END PGP PUBLIC KEY BLOCK-----

```

3.132. William Grzybowski <wg@FreeBSD.org >

```

pub      2048R/CFC460C5 2012-09-28
          Key fingerprint = FC40 5CD8 0879 7F50 0036 D924 D9F7 8B27 3
CFC4 60C5
uid          William Grzybowski (FreeBSD) <wg@freebsd.org>
uid          William Grzybowski <william88@gmail.com>
sub      2048R/05577997 2012-09-28

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3.133. Barbara Guida <bar@FreeBSD.org >

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pub      2048R/3DF5F750 2012-11-13

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Key fingerprint = D367 F6C8 2A5F 2921 70D2 B446 27DD 6FD6 3
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uid          Barbara Guida <bar@FreeBSD.org>
uid          Barbara Guida <barbara.freebsd@gmail.com>
sub 2048R/1DF7506C 2012-11-13

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3.134. John-Mark Gurney <jmg@FreeBSD.org >

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Key fingerprint = 54BA 873B 6515 3F10 9E88 9322 9CB1 8F74 3
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uid          John-Mark Gurney <jmg@FreeBSD.org>
uid          John-Mark Gurney <jmg@funkthat.com>

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-----END PGP PUBLIC KEY BLOCK-----

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3.135. Mateusz Guzik <mjg@FreeBSD.org >

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pub  2048R/21489259 2012-06-03
      Key fingerprint = 3A9F 25FF ABF6 BB23 5C70  C61B 96D3 5178  3
2148 9259
uid      Mateusz Guzik <mjg@freebsd.org>
sub  2048R/EA19FE8D 2012-06-03

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-----END PGP PUBLIC KEY BLOCK-----

```

3.136. Jason E. Hale <jhale@FreeBSD.org >

```

pub   3072D/8F2E5907 2012-09-07
      Key fingerprint = 009C 54BF 32D0 F373 8126 C8A1 D8DD 2CA4 8F2E 5907
uid   Jason E. Hale <jhale@FreeBSD.org>
uid   Jason E. Hale <bsdkafee@gmail.com>
sub   4096g/7081A001 2012-09-07

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-----END PGP PUBLIC KEY BLOCK-----

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3.137. Daniel Harris <dannyboy@FreeBSD.org >

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pub 1024D/84D0D7E7 2001-01-15 Daniel Harris <dannyboy@worksforfood.
com>
    Key fingerprint = 3C61 B8A1 3F09 D194 3259 7173 6C63 DA04 84D0
    D7E7
uid                               Daniel Harris <dannyboy@freebsd.org>
uid                               Daniel Harris <dh@askdh.com>
uid                               Daniel Harris <dh@wordassault.com>
sub 1024g/9DF0231A 2001-01-15

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Version: GnuPG v1.0.7 (FreeBSD)

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```

3.138. Daniel Hartmeier <dhartmei@FreeBSD.org>

```

pub 1024R/6A3A7409 1994-08-15 Daniel Hartmeier <dhartmei@freebsd.org>
Key fingerprint = 13 7E 9A F3 36 82 09 FE FD 57 B8 5C 2B 81 7E 1F

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3.139. Oliver Hauer <ohauer@FreeBSD.org>

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pub 2048R/5D008F1A 2010-07-26
    Key fingerprint = E9EE C9A5 EB4C BD29 74D7 9178 E56E 06B3 5D00 8F1A
uid olli hauer <ohauer@FreeBSD.org>
uid olli hauer <ohauer@gmx.de>
sub 2048R/5E25776E 2010-07-26
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saFIzZ9GEhZQ0Dn0Nsi+k87yt8U3N1Pjf7sv7dIouVuoT7AMGA8IfGjyGxaBqydA
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9C9j9upXe0qx20qfUoN7dXT7uNmc9My6Ng9yJwFTHat6xPSgjjg==
=cHUi
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-----END PGP PUBLIC KEY BLOCK-----

3.140. Emanuel Haupt <ehaupt@FreeBSD.org>

```
pub 3072D/329A273C 2012-11-17 [expires: 2013-11-17]
```

OpenPGP Keys

```
Key fingerprint = 920C A49A 5A23 F9E3 4EB0 4387 AB90 5C56 329A 273C
uid Emanuel Haupt <ehaupt@FreeBSD.org>
sub 3072g/70183B96 2012-11-17 [expires: 2013-11-17]
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQSuBFCnfG4RADADPgmrxMj/Fxtx0ilhlSpDYevUYhhoyLywIwmgjrcBBTCPC00IC
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1RvPIxv4Wr4vTengA4p//kibbL0a9rsa4a5j jZvDv0HA/o7Lo3ZypRj+0kYtbT0R
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L3UzqxV54/QDPcYfZxyfu0K4K90ASE0wrrLpQAil1bahMmZKk05JfcIw5dJlB9TQ
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5dTiVj29QLVe6iE9Ijw9UQsq8rR3Ik0fYfjQYhkzm0yH5cSw5L4uDIU4g0Eu5C8L
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/xqiuXUtoL3ur6k3yFtvwU0k16fq/aSdo70VFBnHYefjky0r2WRPTS03PTvRmRk0
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rRFeaBPCUQsXacLoFm0EzX0fWQrZ/y1HUXP0FMQqFwLtEeaQq5hf/uG1wdUMfb1B
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```

AlCnfG4CGwwFCQHhM4AACgkQq5BcVjKaJzwQpAD/UfTcReU55HdN/5tI/0Fr6Kku
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=MqAu
-----END PGP PUBLIC KEY BLOCK-----

```

3.141. John Hay <jhay@FreeBSD.org >

```

pub 2048R/A9275B93 2000-05-10 John Hay <jhay@icomtek.csir.co.za>
    Key fingerprint = E7 95 F4 B9 D4 A7 49 6A 83 B9 77 49 28 9E 3
37 70
uid                               John Hay <jhay@mikom.csir.co.za>
uid                               Thawte Freemail Member <jhay@mikom.
csir.co.za>
uid                               John Hay <jhay@csir.co.za>
uid                               John Hay <jhay@FreeBSD.ORG>

```

```

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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mQENAZkZeP4AAAEIAMKg3LRpUCJdg9V9Pr0KIdvaQeItf5Fcrbh0GE4skfNPKeTg
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```

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=l5Xu
-----END PGP PUBLIC KEY BLOCK-----
```

3.142. Sheldon Hearn <she1donh@FreeBSD.org>

```
pub 1024D/74A06ACD 2002-06-20 Sheldon Hearn <sheldonh@starjuice.net>
    Key fingerprint = 01A3 EF91 9C5A 3633 4E01 8085 A462 57F1 7
74A0 6ACD
sub 1536g/C42F8AC8 2002-06-20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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FHJ2jRXInApVzWlCjPgVJq8D/ixzt00/Zg2p62/qyAHac7M1sEc2QarCAGwRbuNw
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yw7rfftQ4CpB51KxNhUWHcUfe6Jhx2hgHzehJg7hYnbtSv5hJcn2DXMSHHyHwBri
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Ai8DcNacMtE0xRdtNzDMS8vgYWBVLkHv2ENVdLfpXhM72iu4tmPKGF5AXK191dvJ
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iv0oR3QdZg7rxv0U98HhDQ1iJX3rCtLNFgisrovDF33oHMEE4oHvSMXeg65JXWiU
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=PTeT
-----END PGP PUBLIC KEY BLOCK-----
```

3.143. Mike Heffner <mikeh@FreeBSD.org>

```
pub 1024D/CDECBF99 2001-02-02 Michael Heffner &
<mheffner@novacoxmail.com>
    Key fingerprint = AFAB CCEB 68C7 573F 5110 9285 1689 1942 &
CDEC BF99
```

```
uid      Michael Heffner <mheffner@vt.edu>
uid      Michael Heffner <mikeh@FreeBSD.org>
uid      Michael Heffner <spock@techfour.net>
uid      Michael Heffner (ACM sysadmin) ☞
<mheffner@acm.vt.edu>
sub      1024g/3FE83FB5 2001-02-02
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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

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Version: GnuPG v1.0.6 (FreeBSD)
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Comment: For info see http://www.gnupg.org
```

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JE1pY2hhZWwgSGVmZm5lciA8c3BvY2tAdGVjaGZvdXIubmV0PohXBBMRagAXBQI6
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RV9e/JXylixgKCVoqzaIQ3j2MBQAOJwTV25V4gpucQxysqRrWTB65Ja+uQENBDp6
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41B2Y6Ptp7mSRAufbymIRihNKH78fleaziWsux2CYJGZvsJzuYrlzgwuTzCLQKL6
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2Q8=
=/joR
-----END PGP PUBLIC KEY BLOCK-----
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3.144. Martin Heinen <mheinen@FreeBSD.org >


```
pub 1024D/116C5C85 2002-06-17 Martin Heinen <mheinen@freebsd.org>
    Key fingerprint = C898 3FCD EEA0 17ED BEA9 564D E5A6 AFF2 5
116C 5C85
uid                               Martin Heinen <martin@sumuk.de>
sub 1024g/EA67506B 2002-06-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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gtLJNL6KejWqSh3V
=Z84i
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-----END PGP PUBLIC KEY BLOCK-----

3.145. Niels Heinen <niels@FreeBSD.org >

```
pub 1024D/5FE39B80 2004-12-06 Niels Heinen <niels.heinen@ubizen.com>
    Key fingerprint = 75D8 4100 CF5B 3280 543F 930C 613E 71AA 5
5FE3 9B80
uid                               Niels Heinen <niels@defaced.be>
uid                               Niels Heinen <niels@heinen.ws>
uid                               Niels Heinen <niels@FreeBSD.org>
sub 2048g/057F4DA7 2004-12-06
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

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3.146. Jaakko Heinonen <jh@FreeBSD.org >

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pub  2048R/F9A44D24949D44A4 2014-09-23 [expires: 2017-09-22]
      Key fingerprint = 2DFD B93A C98C A47A 6920 1FDB F9A4 4D24 949D 44A4
uid                               Jaakko Heinonen (FreeBSD) <jh@FreeBSD.org>
sub  2048R/724C087956D7D3CB 2014-09-23 [expires: 2017-09-22]

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F/K+0cXdsGhS1irJJm/vGZGvtc3c9aKwFTEeZVrpgiYJFEierzfSqGidYzk9Vrf

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-----END PGP PUBLIC KEY BLOCK-----

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3.147. Jason Helfman <jgh@FreeBSD.org >

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pub 2048R/4150D3DC 2011-12-18 [expires: 2021-12-15]
Key fingerprint = 8E0D C457 9A0F C91C 23F3 0454 2059 9A63  5
4150 D3DC
uid Jason Helfman <jgh@FreeBSD.org>
sub 2048R/695B1B92 2011-12-18 [expires: 2021-12-15]

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=hr4n
-----END PGP PUBLIC KEY BLOCK-----

```

3.148. Guy Helmer <ghelmer@FreeBSD.org>

```

pub 2048R/8F1CEBC4 2012-05-22
    Key fingerprint = 483E 9E6C C644 2520 C9FE 4E87 9989 CCAF 8F1C EBC4
uid Guy Helmer <guy.helmer@palisadesystems.com>
uid Guy Helmer <guy.helmer@gmail.com>
uid Guy Helmer <ghelmer@freebsd.org>
sub 2048R/2073E3F8 2012-05-22

pub 1024R/35F4ED2D 1997-01-26 Guy G. Helmer <ghelmer@freebsd.org>
    Key fingerprint = A2 59 4B 92 02 5B 9E B1 B9 4E 2E 03 29 D5 3A DC 3A
uid Guy G. Helmer <ghelmer@cs.iastate.edu>
uid Guy G. Helmer <ghelmer@palisadesys.org>
com>

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - http://gpgtools.org

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-----END PGP PUBLIC KEY BLOCK-----

```

3.149. Maxime Henrion <mux@FreeBSD.org >

```

pub 1024D/881D4806 2003-01-09 Maxime Henrion <mux@FreeBSD.org>
    Key fingerprint = 81F1 BE2D 12F1 184A 77E4 ACD0 5563 7614
881D 4806
sub 2048g/D0B510C0 2003-01-09

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Version: GnuPG v1.2.1 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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3.150. Wen Heping <wen@FreeBSD.org >

```
pub 2048R/A03F07DA 2012-12-10
Key fingerprint = 0258 F2C7 C123 E627 9E14 B4BA 270F 30AA 5
A03F 07DA
uid Wen Heping (wen) <wen@FreeBSD.org>
sub 2048R/CFC8D6A9 2012-12-10
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-----END PGP PUBLIC KEY BLOCK-----
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3.151. Dennis Herrmann <dhn@FreeBSD.org >

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pub 4096R/F7CDCAA1 2012-08-26
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OpenPGP Keys

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Key fingerprint = 0587 E730 68A6 2646 A991 505D CD9B 3A87 3
F7CD CAA1
uid Dennis 'dhn' Herrmann (Everybody wants to go 3
to heaven, but nobody wants to die) <dhn@FreeBSD.org>
sub 4096R/0A6D554F 2012-08-26
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=EizD
-----END PGP PUBLIC KEY BLOCK-----
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3.152. Justin Hibbits <jhibbits@FreeBSD.org >

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pub 2048R/37BE2DB9 2011-12-01
    Key fingerprint = 8A12 7064 4F3D 339A 191D AD52 30C7 858E 37BE 2DB9
uid Justin Hibbits <chmееedalf@gmail.com>
uid Justin Hibbits <jhibbits@freebsd.org>
uid Justin Hibbits <jrh29@alumni.cwru.edu>
sub 2048R/A8DA156F 2011-12-01
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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3.153. Peter Holm <pho@FreeBSD.org >

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pub 1024D/CF244E81 2008-11-17
    Key fingerprint = BE9B 32D8 89F1 F285 00E4 E4C5 EF3F B4B5 5
CF24 4E81
uid Peter Holm <pho@FreeBSD.org>
sub 2048g/E20A409F 2008-11-17

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3.154. Michael L. Hostbaek <mich@FreeBSD.org >

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pub 1024D/0F55F6BE 2001-08-07 Michael L. Hostbaek <
<mich@freebsdcluster.org>
    Key fingerprint = 4D62 9396 B19F 38D3 5C99 1663 7B0A 5212 <
0F55 F6BE
uid                               Michael L. Hostbaek <
<mich@freebsdcluster.dk>
uid                               Michael L. Hostbaek <mich@commerce-
france.com>
uid                               Micahel L. Hostbaek <mich@freebsd.dk>
uid                               Michael L. Hostbaek <mich@the-lab.org>
uid                               Michael L. Hostbaek <mich@freebsd.org>
sub 1024g/8BE4E30F 2001-08-07
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3.155. Po-Chuan Hsieh <sunpoet@FreeBSD.org>

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pub      4096R/CC57E36B 2010-09-21
           Key fingerprint = 8AD8 68F2 7D2B 0A10 7E9B 8CC0 DC44 247E 3
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uid       Po-Chuan Hsieh (FreeBSD) <sunpoet@FreeBSD.org>
uid       Po-Chuan Hsieh (sunpoet) <sunpoet@sunpoet.net>
sub      4096R/ADE9E203 2010-09-21

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3.156. Li-Wen Hsu <lw@FreeBSD.org>

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pub 1024D/2897B228 2005-01-16
    Key fingerprint = B6F7 170A 6DC6 5D1A BD4B D86A 416B 0E39  3
2897 B228
uid Li-wen Hsu <lw@lw.org>
uid Li-wen Hsu <lw@ckefgisc.org>
uid Li-wen Hsu <lw@csie.net>
uid Li-wen Hsu <lw@ckefgisc.org>
uid Li-wen Hsu <lw@csie.nctu.edu.tw>
uid Li-wen Hsu <lw@ccca.nctu.edu.tw>
uid Li-wen Hsu <lw@iis.sinica.edu.tw>
uid Li-wen Hsu <lw@cs.nctu.edu.tw>
uid Li-Wen Hsu <lw@FreeBSD.org>
sub 2048g/16F82238 2005-01-16

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qp7840llPJ8ABASh/A8cJ7GMutCmMQ0rMZKcR00Yc4c0jFGK98CFp14/VvTgIMbs
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zKGk5RlhK8V5lTtRnuBdJ2JN4ugxT0DeCnRaRHgUDuErS0YEhgXznwBlx38Qk9BM
82FBNCThg55QHhFktXt7YMSnxJkrek52MrH2FfbJwEMo29q+aaGtQCLjLqKLlFDJ
hVXaieoesK0ZFDmt2JPvXvtthxRN6IYPKQ02AMKronNFKQn0P5DFyT0VhXgkjWsLD
97CP/CSEmms8BopwGjauLFylIWLrwdS5ej7SzlUISQQYEQIACQUCQepPLQIBDAK
CRBBaw45KJeyKPY6AKCIR/vAbC8oqyr9HrLhdtfxHgmf2QCfZBeYLPercG0TQ20X
MTZHdxZQQYQ=
=uV7d
-----END PGP PUBLIC KEY BLOCK-----

```

3.157. Howard F. Hu <foxfair@FreeBSD.org >

```

pub 1024D/4E9BCA59 2003-09-01 Foxfair Hu <foxfair@FreeBSD.org>
    Key fingerprint = 280C A846 CA1B CAC9 DDCF F4CB D553 4BD5 4E9B CA59
uid                               Foxfair Hu <foxfair@drago.fomokka.net>
uid                               Howard Hu <howardhu@yahoo-inc.com>
sub 1024g/3356D8C1 2003-09-01

```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGIBD9TDBwRBACs0PcLGuginQVidy1QScHuK59G7gd8smYI2FcSsk/AkBhqIkWv
hieuiXlpxyZYCDPKPhieDLkTHc9hYOGG7oTJhBMXUrUqBIk+squeeUAl/eh0grX
wUU2khj8EKYC1f6p9AKu25zoyXHxjnKuLMhrZRIItg7jVJLaFQn2A9KCKwCgyVeF

```

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jCegTvZwikBuoXmDi/K30uUD/19Za3DHV+H0dmfAG7JdVwTW7mJ3nCwJFvlpTSSU
9Di4VCvj8kUGmo/kRgpZ6gwLcaPmwh/wWiT/vHVQqdd+EH/k/ITs+zWrP0nWCxLY
zV0BEktW4kdaP5H9ttNh3Wj1GRpyxh/FrMP7zJfdgze2WoRY57j+H9Kuw2s/42RU
zYDAA/9wIriNXAj6pFB+J2sCqYXIMNDNDQh6LYFNfGTS/WPYJoA8PWY62oFc0V6n
ES8G0XjyEya428vedVy/G9kj7cB/IiTTy8Hj7JjhUk/rSIPXMMtNyvM6vQ++f1IV
1qSzR9sijpmpk/M2RusUQwBP131PnCzSCmAZB8gvcNSlbA9gnrQmRm94ZmFpciBI
dSA8Zm94ZmFpckBkcmFnby5mb21va2thLm5ldD6IXgQTEQIAHgIbAwYLCQgHAWID
FQIDAxYCAQIEAQIXgAUCQh1SIQAKCRDVU0vVTpvKWcmhAJ996hkp7RKzCs01R4wh
81QBQxZ87QCdH2JXwccLPFAF/XKpS5kbQbKdW8a0IEZveGZhaXIgSHUgPGZveGZh
aXJARnJLZUJTRC5vcmc+iGEEExECACECGwMGcwkIBwMCAXUCAwMwAgECHgECF4AF
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KypLwAdJKjQ4AHlK0zi1DKj0tCJIb3dhcmQgSHUgPGhvd2FyZGh1QHlhaG9vLWlu
Yy5jb20+iF4EExECAB4CGwMGcwkIBwMCAXUCAwMwAgECHgECF4AFakIdUiUACgkQ
1VNL1U6bylmacACglEvdvs5wMSB3EEP4qp46uKdXlt8Anivwqzf9dhjw07omH35K
LL7D5wGouQENBD9TDB8QBAD+sEewy1REDPQWycqdZVWzxmSiX+TzSAGfcc7/QKv
AZEsGADvhHcvaACTBuYrVR8DyzUxFUxeNByWskLe7N5Hmaqauw681zSi+2osfXbw
Jkp3JUybeFSIN5pacLNP5+DEA0zzphCF8ALv9H/MB8J9dRhZwDkY7SKt/cSNh4Cz
xwADBQP/ad4exhzoF1iXR4879xEAAARy3CCaoiPNeE4Aj9mWmjQEMzWY0jDeZ2zF
W8Jrn2i+t0VGfpg2FKwtuqU8JRr/lqbedYULM3UQL2pgGSV2tAziuLKKkzPnKWo6
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byQ0CAi708pPSIquH3oiM8o=
=P50z
-----END PGP PUBLIC KEY BLOCK-----
```

3.158. Chin-San Huang <chinsan@FreeBSD.org>

```
pub 1024D/350EECFa 2006-10-04
    Key fingerprint = 1C4D 0C9E 0E68 DB74 0688 CE43 D2A5 3F82 5
350E ECFa
uid Chin-San Huang (lab) <chinsan@chinsan2.twbbs.org>
org>
uid Chin-San Huang (FreeBSD committer) <
<chinsan@FreeBSD.org>
uid Chin-San Huang (Gmail) <chinsan.tw@gmail.com>
sub 2048g/35F75A30 2006-10-04
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBEUjcNoRBACNcr0sDaRrFQMnMjnNViPfgBakMnwy28P/tfZvg+vx/5iRt73p
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hqN2knPM1m/IzP1Y4a5Z10VnM6/fqItkxql4SX+GJ5815LvH+llokr8eMwCg9w2Q
HgsgytJkYiFGJpkw1Y0fwFUD/2oALyshDDCQIshX2xHPk+zLTMQva7uqDy8AUJLO
o0DfaofDhkGjZnLpuFrc16eyfaYZw+m0149WTMpWrzCi+SmCXje6MSywINHneql+
X60zJCazYCGUfKsbwtAH89gIRKJiQKQfi4xhDrn8Iu+x3Yt0KKxnrEVGX2S8fKka
6YJ9A/99q0NX+543o6/kj f0z6Q44xzoyalBXT36THsFm239Aa0ejufu+HeyTZs02
rvrF7IGgga1eUeQwx9gvrNFX65CKuc3A0TVfK2Tn36QJcGfm6r3ZYFWKjAMJ3haf
aEL7Bs2zGergI0KN0id8rjC6osA3NVYSGI4mKIuQcBoxUNf6bQ4Q2hpb11TYW4g
SHVhbmcmgKEZyZWVU0QyY29tbWl0dGVyKSA8Y2hpbNhhbkBGcmVlQlNELm9yZz6I
YAQTEQIAIAUCRSNw2gIbAwYLCQgHAWIEFQIIAwQWAgMBAh4BAheAAAoJENK1P4I1
Duz6zsMANloP0sY1yRM08jr7iCCdGtw2FuISAJ9crrnr12tCPS3281HX/4xk66dq
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c7QtQ2hpbilTYW4gSHVhbmcbgKEdtYwlsKSA8Y2hpbNhb50d0BnbWfPbC5jb20+
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NQ7s+pzxAJ98bMcpWM9Vd/YvB2tx2tK3zH89GQCgq0GeoJQvB+MWFM1oVbP5jmJS
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ENKLP4I1Duz6QX0AnRiAfY8Ngh14cBzYH193/LSIuebEAJ9wY9Gz9WQbwb7QlJEX
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Kh/AJSsVfzW0snA4V1sv3ovS0ekR0s9YoUkalx8Ywt4fZkGHFWvYXLvblKnmW3+0
juhfrjsgmaizQhSMHT47C21XJSvAWuXXZrF6PaIiPAo6q56wjfSS62ycj7z1ULSS
SDEusPgFG3LfYBuM2wjRYYXZ2pLAcxhGt2oM5Mf4Tjom1Y1GHP4m9V0Ia+0D0HZI
+oNYL0ter6I2tWg90bXJcAd6VLsWYi25b/KRkzYyHLU84o1lUJnBnG8HgaN6E92w
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INqt4mrYsohJBBgRAGAJBQJFI3FNAhsMAAoJENKLP4I1Duz6TJkAoNRkewHfV+q1
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=IROz
-----END PGP PUBLIC KEY BLOCK-----
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3.159. Stephen Hurd <shurd@FreeBSD.org>

```
pub 2048R/B3B5A1B498CE5CD0 2014-06-11 [expires: 2017-06-10]
    Key fingerprint = CA52 12EE 760A BCAA 0D5E 2974 B3B5 A1B4 98CE 5CD0
uid                               Stephen Hurd <shurd@FreeBSD.org>
sub 2048R/DA5C47503253C094 2014-06-11 [expires: 2017-06-10]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBFX0XkABCAC+iZzgkUnWd4RaS+/Yx2YJJIW6ZPiAs+/TgJI37JnCTCAjJNLIh
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cB+MV/GxWE7hlsVVHNZ0XylW4sdJ6HpxV3u7t9lhWuheS9RoFponZ/W3ZwWm1Fp2
RM7g3LDNOMT/u23hEIV1vL06Q2AoD2McAH0j0BcFNYMd0sgll78duso9VE5pwBFm
wK2ZT7xrspx/z0tDxXp1e8Fv7/0J2uwq6/FGLZM7/FCXEsHVPnZ0at2qJ6Y7F/fa
Tru0hGDQiyUwUPKUXy48UMuJQkVa60vXiPkn3ABEBAAg0IFN0ZXBoZW4gSHVvZCA8
c2hlcmRARnJlZUJTRC5vcmc+iQE9BBMBCgAnBQJTL9JAAhsDBQkFo5qABQsJCAcD
BRUKCQgLBRYDAgEAAh4BAheAAAJEL0lobSYzLzQET8IAJKzlzehl3w+nQcdpwME
V4930mItWZ1dIeImuNSE8QokX2ZSvM4PybF6l9IwZnrYtLr8LjcZ6+5+bv6YXne
E6TQqKYRJrmBg9tbTlQeo1KsJ5s273vC7R+tKSeStlpLfbLwXv1wEGUHDGSA7LM
jJPvZCY5pcjNWuC2HV9xpRJTIIidzjIwzduLrL8qJ3kQeI03osRMFh/BfY7Fr6Cf
LiavTbB9MThS9NKENL0Lpm4ffF8faz27+q9q05vMxmsn8IjXlpgdJ6J7v4gimBi
dJVSADPZugklDNE+7v2RLdmnMIYF/QGZRc/oTDaax94CXudjXB2VoiM6U0w3Z+xc
6NK5AQ0EU5fSQAeIAJfxLU3HHtSXfzMs7N23auoi5n3sAiXqWTWoMGLRp3TQXnBt
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```



```
s0N00si9YwbZ32f83w3xcHowUxy0wE9q7G80t1cAEQEAYkBJQQYAQoAdwUCU5fS
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bDh+Ejs78XJ0isaqP5tyCE4GT0Ki+zYIhIIxB2p+1SsvS7lNSSWBfp3VLMnd8We
5VwfrQSSgrs5RXfFpP+7n4hD9t1y0lj3Q3kFqjjeRrISjFi4N/YT2954z8VJkot
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=EUs+
-----END PGP PUBLIC KEY BLOCK-----
```

3.160. Davide Italiano <davide@FreeBSD.org >

```
pub 2048R/4CB47484 2012-01-17
Key fingerprint = B5C9 77F5 1E67 D110 8D19 7587 EB95 EA82  4CB4 7484
uid Davide Italiano <davide@FreeBSD.org>
sub 2048R/91F7443D 2012-01-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBE8WABIBCADhyLJPj/E3+cPj2CH/960KzQ1sjdiyzgQvELinmztCCK+McsEf
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85q8kT9m99MFn8oqZWuzMFkU8zAOEB56+em0xrAI67SyrCPHVS1oWd4Rj45YSUKr
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XJXufe4Urg4vKoR9gi67Y1kI49XCLmplwnWVABEBAAG0JERhdmkZSBjdGFsaWFu
byA8ZGF2aWRlQEZyZWVUCU0Qub3JnPokB0AQTAQIAIgUCTxYBsgIbAwYLCQgHAwIG
FQgCQCoLBBYCAwECHgECF4AAcGkQ65Xqgky0dITCvwf/feerE+d+AGvbecD7lQyk
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432iuF8I8pu0c9++sYLrlFBXfs80TTU7S2+qAfTRqqgAz5IdwZM7F4w+CbbJGfqj
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+nJxI94zYN13HtD+Yoaaj2/RJh9zmTWF/pUT58tb63EOLlr0fiiw6NJ6x8PVM9v7
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UFnisiZ6gsIXk9rbxd4JH0i0xUop8xSxderHEkxe2FQvN8S+HzxrH8lucoIvH1Fp
red8KUSj0LD109LFFSAbJ6lA8ytAJ01KP+4svBk/J6bEMwmNXITVtmW+dyTSmS7z
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AhsMAAoJE0uV6oJMTHESEjHqIAI6NAwDB4IRBoDfEuo3myxdTn+hKtUDk8jgsmfV9
6yphv3BDwvQDIoAPjxMewp0UrIH0yEyIduPdZ6Gs9VcDfqWxyP1kGxt0GbKJmHzK
glmLF5VZbuGKsZdhv0JtWbi17N0t7uiXY9sw9efqaDxgvNSXrXHtDPNzePuo2wLg
LZcw5VLcg+JftFb70A72Brcir1zj6EyMgtDo5P2Z2iW/MgWiaKb98hi8tnycIdiu
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=pP7Y
-----END PGP PUBLIC KEY BLOCK-----
```

3.161. Jordan K. Hubbard <jkh@FreeBSD.org >

```
pub 1024R/8E542D5D 1996-04-04 Jordan K. Hubbard <jkh@FreeBSD.org>
    Key fingerprint = 3C F2 27 7E 4A 6C 09 0A 4B C9 47 CD 4F 4D 0B 20
0B 20
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1.0.6 (FreeBSD)

Comment: For info see <http://www.gnupg.org>

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mQCNazFjX0IAAAEEAAML+nm9/kDNPP43ZUZGjYkm2QLtoC1Wxr8JulZXqk7qmhYcQ
jvX+fyoriJ6/7ZlnLe2oG5j9tZ0nRLPvMaz0g9CpW6Dz3nkXrNPkm0FV9B8D94Mk
tyFeRJFqnkCuqBj6D+H8FtBwEeeTecSh2tJ0bZZTXnAMhxe0dvUVW/u0VC1dAAUR
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FubwdsfYLhGBBARAgAGBQI5ZAxAAAJEMN1Z4b84RmYUt4Ao0tidEj2yIZubvvT
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7XDN0itRQTpm0HTmKYVsLjJA4GBMwM6pawKuxSmX7aavwgYjEbmsiEYEEBECAAYF
AjmtSQAACgkQLKRaTx+AVKjiTQCg9FfHlNeMts2GcXWpLPQya7GEQtMAN0nrzupn
fRNx6+Gi0Km+WSLUQkMF
=ZyVN
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-----END PGP PUBLIC KEY BLOCK-----

3.162. Konrad Jankowski <versus@FreeBSD.org >

```
pub 1024D/A01C218A 2008-10-28
    Key fingerprint = A805 21DC 859F E941 D2EA 9986 2264 8E5D 0A
A01C 218A
uid Konrad Jankowski <versus@freebsd.org>
sub 2048g/56AE1959 2008-10-28
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-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQGibEKHYgARBACdbmFESh/3csPP37dJBDTKAfWcUck6myVTYU3dFgwDPA0iCs9
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-----END PGP PUBLIC KEY BLOCK-----
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3.163. Kurt Jaeger <pi@FreeBSD.org>

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pub 4096R/2A4392E050E8798D 2014-04-24 [expires: 2016-04-23]
    Key fingerprint = FD38 1F8F 1360 2A49 26D4 4CF3 2A43 92E0 50E8 798D
uid Kurt Jaeger <pi@FreeBSD.org>
sub 4096R/2FC3A793B283D724 2014-04-24 [expires: 2016-04-23]
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-----END PGP PUBLIC KEY BLOCK-----

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3.164. Weongyo Jeong <weongyo@FreeBSD.org >

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pub 1024D/22354D7A 2007-12-28
Key fingerprint = 138E 7115 A86F AA40 B509 5883 B387 DCE9 5
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uid Weongyo Jeong <weongyo.jeong@gmail.com>
uid Weongyo Jeong <weongyo@freebsd.org>
sub 2048g/9AE6DAEE 2007-12-28

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3.165. Peter Jeremy <peterj@FreeBSD.org >

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pub 4096R/1D9214A2699F8CB2 2014-03-11 [expires: 2016-03-10]
    Key fingerprint = D8CE A5F2 F7C8 78E0 0297 8B94 1D92 14A2  3
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uid Peter Jeremy (preferred)  3
<peter@rulingia.com>
uid Peter Jeremy <peter.jeremy@auug.org.au>
uid Peter Jeremy <peterj@freebsd.org>
uid Peter Jeremy <peterjeremy@acm.org>
uid [jpeg image of size 4183]
sub 4096R/E0E07EC247C92CA8 2014-03-11 [expires: 2016-03-10]
sub 4096R/16A597A0E4A20B34 2014-03-12 [expires: 2016-03-11]

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b3RhdGlvb3B1bnBncC5maWZ0aGhvcnNlbWFuLm5ldEVFQjI5ODZDMzA2NzFF
NzRFNjI3RTE2QTU5N0EwRTRBMjBCMzQACGkQFqWxo0SiCzRaPw//VJVex5Qc
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iLH9lWbIPL7sMulIFL8=
=HYt3
-----END PGP PUBLIC KEY BLOCK-----

```

3.166. Tatuya JINMEI <jinmei@FreeBSD.org >

```
pub 1024D/ABA82228 2002-08-15
    Key fingerprint = BB70 3050 EE39 BE00 48BB A5F3 5892 F203 ǵ
ABA8 2228
uid JINMEI Tatuya <jinmei@FreeBSD.org>
uid JINMEI Tatuya <jinmei@jinmei.org>
uid JINMEI Tatuya (the KAME project) <jinmei@isl.ǵ
rdc.toshiba.co.jp>
sub 1024g/8B43CF66 2002-08-15
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGIBD1b+Q4RBACetpZD+bWytVmQ3Itmu0ZBfSDF6FVyUQuKS30ZmvsZHxxqql+u
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MknWA/4hfAAp+dPCu8iHmd7AemuGo0hu5AAKbp2S4vvozJEFiv67wD/+WFXVggUx
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YXR1eWEgPGppbm1laUBGcmVlQ1NELm9yZz6IYAQTEQIAIAUCRhdkgIbIwYLCQGH
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v9WwwRcrgL9g+uAnrJJo/wttIBqhSk8AAwUEAIqcIez2zlkWGayFeLqgwwu4PCbd
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QzGMdgoBC1d55jXXiEYEGBECAAYFAjlb+RAACgkQWJLyA6uoIigNBwCgsUFgZMfR
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=ISn8
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```
-----END PGP PUBLIC KEY BLOCK-----
```

3.167. Michael Johnson <ahze@FreeBSD.org >

```
pub 1024D/3C046FD6 2004-10-29 Michael Johnson (FreeBSD key) ǵ
<ahze@FreeBSD.org>
    Key fingerprint = 363C 6ABA ED24 C23B 5F0C 3AB4 9F8B AA7D ǵ
3C04 6FD6
uid Michael Johnson (pgp key) <ahze@ahze.ǵ
net>
sub 2048g/FA334AE3 2004-10-29
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGiBEGCy1ARBAD/K2SbL6XiTJ3Rn/weuN/L78R0UltIoRG0kZE4971fLcAbtIsf
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CQgHAWIDFQIDAxYCAQIEaQIXgAAKCRcfi6p9PARv1ow2AKC0xjNgjhlLEHPtFOXH
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IlhG1mVq6A==
=I7wA
-----END PGP PUBLIC KEY BLOCK-----

```

3.168. Mark Johnston <markj@FreeBSD.org>

```

pub 2048R/80A62628 2012-12-19
    Key fingerprint = AFEF AD33 1C4E FFE5 141E 0157 05A4 DA8B ǵ
80A6 2628
uid                               Mark Johnston <markj@freebsd.org>
sub 2048R/47C7D3C2 2012-12-19

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBFDRQycBCADMNjnbsXU0lv35VnAJWE3zHAPqmXKqUTh0t0LWEtaD8KaNMHY
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CQoLBBYCAwECHgECF4AACGkQBATai4CmJihAPwgAn9yh8EQiyS2x2qy5Zec180Yz
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=b10B
-----END PGP PUBLIC KEY BLOCK-----
```

3.169. Trevor Johnson <trevor@FreeBSD.org >

```
pub 1024D/3A3EA137 2000-04-20 Trevor Johnson <trevor@jppj.net>
    Key fingerprint = 7ED1 5A92 76C1 FFCB E5E3 A998 F037 5A0B 3A3E A137
sub 1024g/46C24F1E 2000-04-20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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i0TqQi5IYYhLZIMmUpBTk7XN2zrM8VrkGcPb5TYtBrQUPheWs/SZ31EvLwCglUPA
T54Joolfvk0Y8I6dSGYctpUD/3teZiYwem99CE3b1tsqavQ1MUfjwSPZQq8wjVe8
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AKCFsfcdB1GfWaAqe2YzeDR2Z55/A==
=N4HT
-----END PGP PUBLIC KEY BLOCK-----
```

3.170. Allan Jude <allanjude@FreeBSD.org>

```

pub 4096R/9AC116935125929F 2012-06-06
    Key fingerprint = ADFD C765 6938 A4C4 8663 A5B7 9AC1 1693 5125 929F
uid [ScaleEngine] Allan Jude (Allan Jude - 5125 929F)
uid 7065213 Canada Limited) <allan.jude@scaleengine.com>
uid [Near Source IT] Allan Jude (Vice President - 7065213 Canada Limited) <allan.jude@nearsourceit.com>
uid Allan Jude <freebsd@allanjude.com>
uid Allan Jude (FreeBSD) <allanjude@freebsd.org>
sub 4096R/374364F98C697BF2 2012-06-06

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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CMPg+fu8j6E/TASgZAJ00w5DDaDcv8JTitAgNCEccn3dtBD904Uib+L8ZesFJGy7
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3.171. Tom Judge <tj@FreeBSD.org >

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pub      2048R/81E22216 2012-05-27 [expires: 2017-05-26]
           Key fingerprint = 8EF8 36C8 44A6 9576 6ADB EB0E 4252 33DC  3
81E2 2216
uid       Tom Judge <tom@tomjudge.com>
uid       Tom Judge <tjudge@sourcefire.com>
uid       Tom Judge <tj@freebsd.org>

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sub 2048R/2CA4AA0D 2012-05-27 [expires: 2017-05-26]

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3.172. Alexander Kabaev <kan@FreeBSD.org>

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pub 1024D/C9BE5D96 2002-07-01
    Key fingerprint = 7474 A847 DBF5 50A5 FC3E F223 43AC F58C ǂ
C9BE 5D96
uid Alexander Kabaev <kabaev@gmail.com>
uid Alexander Kabaev (FreeBSD committer account ǂ
ID) <kan@FreeBSD.ORG>
sub 1024g/534D9E06 2002-07-01
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3.173. Benjamin Kaduk <bjk@FreeBSD.org>

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    Key fingerprint = D961 95E0 4D80 45FF 4160 FD17 28D9 A6F3 ǂ
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uid Benjamin Kaduk <bjk@FreeBSD.org>
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uid Benjamin Kaduk <kaduk@mit.edu>
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3.174. Poul-Henning Kamp <phk@FreeBSD.org >

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3.175. Sergey Kandaurov <pluknet@FreeBSD.org >

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pub 2048R/10607419 2010-10-04
    Key fingerprint = 020B EC25 7E1F 8BC5 C42C 513B 3F4E 97BA 0
1060 7419
uid Sergey Kandaurov (freebsd) <pluknet@freebsd.org>
uid Sergey Kandaurov <pluknet@gmail.com>
sub 2048R/5711F73B 2010-10-04
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-----END PGP PUBLIC KEY BLOCK-----

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3.176. Coleman Kane <cokane@FreeBSD.org>

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pub 1024D/C5DAB797 2007-07-22
    Key fingerprint = FC09 F326 4318 E714 DE45 6CB0 70C4 B141 5
C5DA B797
uid Coleman Kane (Personal PGP Key) <cokane@cokane.org>
uid Coleman Kane (Personal PGP Key) 5
<cokane@FreeBSD.org>
sub 2048g/5C680129 2007-07-22

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3.177. Takenori KATO <kato@FreeBSD.org >

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pub 4096R/3CF9ACE7 2012-10-02
    Key fingerprint = 5B72 AEF9 B2F9 069D 54FE CF60 444F 91C8 3CF9 ACE7
uid KATO Takenori <kato@FreeBSD.org>
uid KATO Takenori <kato@nendai.nagoya-u.ac.jp>
sub 4096R/1C593356 2012-10-02
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=jQtb
-----END PGP PUBLIC KEY BLOCK-----

```

3.178. Josef Karthausser <joe@FreeBSD.org >

```

pub 1024D/E6B15016 2000-10-19 Josef Karthausser <joe@FreeBSD.org>
    Key fingerprint = 7266 8EAF 82C2 D439 5642 AC26 5D52 1C8C 5
E6B1 5016
uid                               Josef Karthausser <joe@tao.org.uk>
uid                               Josef Karthausser <joe@uk.FreeBSD.org>
uid                               [revoked] Josef Karthausser 5
<josef@bsd.i.com>
uid                               [revoked] Josef Karthausser 5
<joe@pavilion.net>
sub 2048g/1178B692 2000-10-19

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)

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Comment: For info see <http://www.gnupg.org>

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=U6zf
-----END PGP PUBLIC KEY BLOCK-----
```

3.179. Vinod Kashyap <vkashyap@FreeBSD.org>

```
pub 1024R/04FCCDD3 2004-02-19 Vinod Kashyap (gnupg key) ㉿
<vkashyap@freebsd.org>
    Key fingerprint = 9B83 0B55 604F E491 B7D2 759D DF92 DAA0 ㉿
04FC CDD3
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.180. Patrick Kelsey <pkelsey@FreeBSD.org>

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pub 2048R/044ADF500A4B194E 2014-05-30 [expires: 2017-05-29]
    Key fingerprint = 4082 2A15 231C 09EC D86E 63C2 044A DF50 ㉿
0A4B 194E
uid Patrick J Kelsey <pkelsey@freebsd.org>
uid Patrick J Kelsey <kelsey@ieee.org>
sub 2048R/CB7433052A5B26E5 2014-05-30 [expires: 2017-05-29]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

3.181. Kris Kennaway <kris@FreeBSD.org>

```

pub 1024D/68E840A5 2000-01-14 Kris Kennaway <kris@citusc.usc.edu>
    Key fingerprint = E65D 0E7D 7E16 B212 1BD6 39EE 5ABC B405 68E8 40A5
uid                               Kris Kennaway <kris@FreeBSD.org>
uid                               Kris Kennaway <kris@obsecrity.org>
sub 2048g/03A41C45 2000-01-14 [expires: 2006-01-14]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.182. Giorgos Keramidas <keramida@FreeBSD.org>

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-----END PGP PUBLIC KEY BLOCK-----

```

3.183. Max Khon <fjoe@FreeBSD.org>

```

pub 1024D/6B87E212 2009-02-17
    Key fingerprint = 124D EC6C 6365 D41A 497A 9C3E FCF3 8708 6B87 E212
uid                               Max Khon <fjoe@FreeBSD.org>
uid                               Max Khon <fjoe@samodelkin.net>
sub 2048g/CB71491D 2009-02-17

```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```

mQGibEmBEFERBACe5xJF2u+R6020qrAb42ZcqdTUFDepqVWI/qrXoEpC+fxAD4x
9s8zIlNIZkG6NVpEr7swAWG3+XMSqM5vdtGDj09JFsGEuREB05JTzIBtqGGKwuEn
Mhg/3K1ZxPPwAokm0Sr3kiGk0Q00+dTesc1kq6xjuDYC1CrLkWVewp8GqwCg2irJ
MsYaf0DJFAXdK37hG9T5TB0D/2CqorXSukQ2L4U7af0YlWtDnY61c+gLC9JKJSD1
TfNTjLJqfu7/1LqVglFZ54Pp6mXYSheq1N853jBFFKAfByiTvD8BFbUsCue/aJHc
W+STjM8J9fY+oyi/0MZdgdseQ9fn4Y87sK9As/JsE/z4V+kn0V7+x2mqTJwqsSNe
1JyPBACeq+yEvchDkoyK+1PgjHYQIqrPbu4SrRaLR/WkAwPE95b3j8RHNSX9PL6T
J3yDxXT0xQgfoCVhS0KPgLoLKTfRf3CvSZYduFkWJgeCtoKaYn9nBzcnlnCjrGvh
1bplgi0X/4x07aHEYgVRan1Wed2pPjpT7Wwy6NDC0VP2HmvpN7QeTWF4IEtob24g
PGZqb2VAc2Ftb2RlbGtpbi5uZXQ+iGAEEeXECACAFakmbEFECgWGCwkIBwMCBBUC
CAMEFgIDAQIEAQIXgAAKCRD884cIa4fiEr9CAKCYt+Yc1AiBqAkz1fDwXLC6Kim4
LQCfXGLJ0c7rvsR7LNT8ftexwa36dq+0G01heCBLaG9uIDxmam9lQEZYZWVCU0Qu

```



```

b3JnPohgBBMRaGAgBQJjMxB0AhsDBgsJCAcDAGQVAggDBBYCAwECHgECF4AACgkQ
/POHCGuH4hLIcgCfZ8MJjAT+wFB5DfbtNELP72xoTqoAoNXtUquEkBo3pkt2M089
xPqKnBDvuQINBEmBEFEQCAD49pzUGeoNT6HqnHx56l/+eqMljCm90MUpt3CeNU5j
UisWVb4yv83VP8cliLDYw5pWcm4TTSbsG+OdYrwm2l+lIVIUEST0XMxK4VeoNTJF
DavUs2r6XS0Lspr60Ynnp8z8bA5/0/C82DB9AGo4dpew6ybQoXRY301JAWBucuh
Y/ti5hGtKT/n82XHYtD/Z8BcHN6DVEsU+tn6FWeKu1yZqen98ZN/K000GhBAGTn0
AyxVYC7sbsul80HBgNKhUvukIBIHCjZWPYTqJwrwKwlrGLENiUd0sgcugRP7sEEI
iGdqT3/uy+IcaKP8iHPWUD3lrqV9d74JXjFu7GZoMid3AAMFB/9MT4CxcJGMBBs6
+icdnFwHIGAXBkUXFCSgQsVr40yhHx8Ac+WDIIeHLF83kd1PKG+ecAxxwF+MlgG
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nW/rAUZIHlB4PzSlLZ4plFLgYMBt73ewlt6lKXmMrnhFwJtca+2bIQd3dAWo3Eba
feGK5hqHATowVgLjx+ihE4TdpA7kXyfZ+nP2bGfACR8JnWVtKZkTqawR09xRPPB
3YwQN0tBiEkEBECAAKFAkmbEFECGwwACgkQ/POHCGuH4hLFaQCfbr9tE809EUjf
Mre0CBDDd2Ck2sIANigLJE2wP8hPmK9bSvzEcd1qKpnT
=3qdH
-----END PGP PUBLIC KEY BLOCK-----

```

3.184. Manolis Kiagias <manolis@FreeBSD.org >

```

pub 1024D/6E0FB494 2006-08-22
    Key fingerprint = F820 5AAF 7112 2CDD 23D8 3BDF 67F3 311A 6E0F B494
uid Manolis Kiagias <manolis@FreeBSD.org>
uid Manolis Kiagias <sonicy@otenet.gr>
uid Manolis Kiagias (A.K.A. sonic, sonicy, &
sonic2000gr) <sonic@diktia.dyndns.org>
sub 2048g/EB94B411 2006-08-22

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```

mQGibETrHk0RBADYhjqlMVEFFnTMQcFbUpNad/uZ589qbTFE0wzbEy1E0QZfcCW
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HmdNhytM48cyhvc7gqm3hBNtLWVnSkcHRQU7rd/S1cjQHS5LnHgpPgnVrwCghFub
wCn4j+zJtbwjksX9TireC8D/jLA2Q4CfoJuXTBkTCIXwFSXWRg71VIP/Mv54JaN
g778e5QxiEowNJ60wyfbk0a491QEERGwxs1FI0WCrrc10XJVCUau3/kiKpZYC/cW
CiTEDIEsw2AHKu0VWhkbbhtUTms57gBqQ2+9IHmkcmKcusw9I5mAiGLLfgLgfBC
VpDrBACc8jLhV8kMmfW1x0QGYkQ0/k/rA8/nDo2bfe7+bXoGmGjFvUKiMJT7C540
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BcXQilUYhim+bobn1ksQ/vLDDWBBqYyyh+l/h4m5S5lG5dXGebiTWfub2xpcyBL
aWfnaWfzIDxzb25pY3lAb3RlBmV0LmdyPohgBBMRaGAgBQJGJX/+iAhsDBgsJCAcD
AgQVAggDBBYCAwECHgECF4AACgkQZ/MxGm4PtJRMsACePa4SsmNDWV8DXv/oo5D7
XJwoAlUAN2s01W8dSzyt8dKcU4a9/8/7UGSnIEYEEBECAAYFAkfmbh8ACgkQ1g+U
GjGGA7YpWACfa00iWJ498UvMtC7F01IDaz1XCCUANApZ6SbLcInAs8HiWc7MxwQy
CYAmTE1NYW5vbGlzIEtpYXVwYXVwYXVwYXVwYXVwYXVwYXVwYXVwYXVwYXVwYXVw
YzIwMDBncikgPHNvbmlkQGRpa3RpY5S5keW5kbmMub3JnPoheBBMRaGAgBQJJE6x5N
AhsDBgsJCAcDAGMVAgMDfGIBAh4BAheAAAOJEGfzMRpuD7SUA84An2LUyH/uT4W0
6VnWvAojQn67VLI1AJ97ZjmCpjDzesP/ymHtsfLqZN7BqoheBBMRaGAgBQJJE6x5N
AhsDBgsJCAcDAGMVAgMDfGIBAh4BAheAAAOJEGfzMRpuD7SUA84An3wjXvFKgYi2
3n0tIIs+fmhvW6+0AJ9tLgfRP8kfsJ5k5cIQiGp2+NbGsohGBBARAGAgBQJH5gYf
AAOJENYPLBoxhg02nnwAoLD6ILMVRwFPZwJUUpdnaBvllZshiAKCimg/wIzfQ100g

```

```
+325y5Ym+a0TWbQLTWfub2xpcyBLaWFnaWFzIDxtYW5vbGlzQEZyZWVUCU0Qub3Jn
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Gm4PtJSDCgCZARCfhV4ITYxz5l0JrhpLlBmFjhsAnisPyWloawVqmZgq/k46r80m
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KS7TQyAN/xC3RMKyZmFSLiSpQFw/A0UnG9i0Z/nDAAMFB/wIarW6c1h+lgP+B6vn
sRI9StPYzS9QYogCpK6jwEMsmAzRGUrwGw+uIyxujKqcILWypELDzPZJ34sjoRYy
CCIHfdyNhFAGiZXKmdjETFFsFEN+Q3c58mXHYnVg65taQU01ISpWRhL0wsG4uws6
QFVzX6lgIwtoIEPUr7ptr8N0zLUI9BE3S077WuscEnQMUirCy9XmnP3msltQviVa
ShTRG0yVAg77YH7/PAS5tflVD8RLY5B3QFX9gTEXz9vhfgIy3FwWppP3GiVvKXsy
29GMMW8/sq9k8cpJrBryfEXGhR+FCpgT9Vix060iWpIfF2RaxxI0yUu5XnjcyAQj
tW06iEkEGEBECAAkFAkTrHnECGwwACGkQZ/MxGm4PtJTj8QCfY3IIv45shk4Um8ts
x4PX/wzHxscAoIHPNcR80KoES0N7vCoepxdHTQ9n
=3/vj
-----END PGP PUBLIC KEY BLOCK-----
```

3.185. Jung-uk Kim <jkim@FreeBSD.org >

```
pub 2048R/FCDBF146 2013-09-24 [expires: 2023-12-31]
    Key fingerprint = 9756 EA80 A691 CAA7 D65E EFC2 7C9F 9626 3
FCDB F146
uid Jung-uk Kim <jkim@FreeBSD.org>
sub 2048R/501598FB 2013-09-24 [expires: 2023-12-31]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBFJBztUBCACHqNyGqmFuNo0U7MBzsD+q/G6Cv0l7LGVr0Asgh34M8wIWhD+t
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dnh0hZZKhVGZKMANcsuBDUzg4f3Vdzj4wg6WlqpLnTzo8lPE4hZwVZHoFIyunP
TJWenybeV1xnxK7JkUdSvQR0fA59RfTTECMwTrSeFYGUNxIDBraxJ7Ecs/0hGQ7s
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3dFC3JNLaTVTPM8Pj0inJyt9AU6RoITG0KwDABEBAAG0Hkp1bmctdWsgS2ltIDxq
a2ltQEZyZWVUCU0Qub3JnPokBPQQTAAQoAJwUCUkH01QIbAwUJE0/PowULCQgHAWUV
CgkICwUWAgMBAAIEAQIXgAAKCRB8n5Ym/NvxRqyzB/wL7QtsIpeGfGIAZPMtgXMu
cM3NWzomyQmLn2j2efUkDKthzh9jBxgF53TjOr7imWt0PT2k1bqctPrq5IRqnu9
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KkJ8qY0ibIPXXuF0KYDeH0qUHTWV2K3srNyPtymUkBDQ84PL1GWRYx05XduHDMnX
0JV3lg0BfYJZgZv0ehPQrMfYFd9abTkf9FHQYz1JtsC8wUuRgqELRd6+YAGf8Tt9
uQENBFJBztUBCADLTSrP44El2VoJmH140FrL0gxZnbn+Y/Gf1k12mJBirA+pBe
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GwwFCRNPzzsACGkQfJ+WJvzb8UZcJQf+IsTCxUEqY7W/pT84sMg5/QD3s6ufTRnc
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CmBUEBJkE2ciSQk01aB/1o62Q3Gk/F6BwtNY90XiQf7AcAo+K/BMIaqb26QKeh+I
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```
IgK1NN9d0iq3ByTbL4zpGZA6MmsnnRTumzGkt2nKz7vBzH6+hZp10zGZikgjjhYW
VFOJo1dvf/rv4obs0ZJEqFPQs/1Qa1dbkKBv6odBXJpPH0ss0LuTY24d1XxTiKTW
mWwHeQk0KRAIfD7VTtF4TesoZYkf7hsh3e3VwXhptSLFnE0iWwYofg==
=apmV
-----END PGP PUBLIC KEY BLOCK-----
```

3.186. Zack Kirsch <zack@FreeBSD.org>

```
pub 1024D/1A725562 2010-11-05 Zack Kirsch <zack@freebsd.org>
    Key fingerprint = A8CC AA5E FB47 A386 E757 A2B8 BDD2 0684 ǵ
1A72 5562
sub 1024g/6BFE2C06 2010-11-05
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQGiBEzUTbERBACySfC0GxN2msGiMvx9yhyQuklGdDgYKAzm/TNlImVQF6q3qhcb
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b5Ky3h/SP0pb06S4zmhI7MGEw/xwBkQqc2YqfYTzRW83VNS9e/sTNzzwBwCgu0Pz
Hr++4PFj0nr8I6r5HKMrfzcd/i5B4dhi25M/KlQsM2dh3r/z8KZ/79gmHKBjMrHg
zI3sczQvXNo7jgaJwqgSInlfSoKKFyBw60qr0kP31E0K6ZKdrbpH982BSx5qtGe2
xnDJNHR50tgFqg3EW9DaYImdUmU0ew31evMwhjCYGSZF6iNVh6sahfZNFwmEgUXU
+zBJA/0YeIPcQNd0apJ8H/ATRH7SLyMME+GI0x+85VCD2VB0q+WCSN8U7gJ/FFTn
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0H2EvGPGUie+iZ4r+G2LLdrqPMiR5UTRcZuPk903VWXPpeJuoLQeWmFjayBLaXJz
Y2ggPHphY2tAZnJLWJzZC5vcmc+iF4EExECAB4FAkzUTbECGwMGcWkIBwMCAxUC
AwMwAgECHgECF4AACGkQvdIGhBpyVWkvCwCfXGP1APXbQMwyacrww4vfCjdUpYA
njYDgWl0k7AiabZjdT6APpGeqDKyuQENBEzUTbIQBACYKMjEfC82aby7YMRmNqCR
IDU43ipbpRsUSz+TdHe610YBL3e0FM5N4gp7tTmLisoW7AzFdiDgM9CUv9V/+uc0
cM+Kml0qe65XWYcQchCISE5+8mMqFG617aDvQihHjho473IxlersxGS76WG7RDUn
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lmBfH++UXiN3rFdZHzGwLhTLy6I992YM5fYPw/ta3w5Y2Cm8c3QqG+RcoyK+dH
c9ce80Ddq1DV4F7RWnhjL3ej9k0neb0XhPdZ3FVdlc0P/88+5nL4bRLMuzp7g5rI
ONhG5W+ISQQYEQIACQUCTNRNsgIbDAAKCRC90gaEGnJVYhriAJ0Y6dyrFOU4sLuR
+KLw5h/8RgCNPwCfVay0/zLdURLB+B0pbmyxn6WnCLg=
=sdsn
-----END PGP PUBLIC KEY BLOCK-----
```

3.187. Jakub Klama <jceel@FreeBSD.org>

```
pub 2048R/2AAEA67D 2011-09-27
    Key fingerprint = 40D6 097A 174F 511B 80EB F3A3 0946 4193 ǵ
2AAE A67D
uid Jakub Klama <jceel@FreeBSD.org>
sub 2048R/5291BC4D 2011-09-27
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQENBE6BwQkBCAClLA3LvksIethpx05Q3MwzG/bAcPBclrl/tRlPtPGYqYlSfRc
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```

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2kpUrxyeZwSmzdqj3p4t9vSyY9njTNkRaJ3B1ozlEx+8vq3SgFHZFglHjuyyDi0R
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WhsXXlQnQcFRW/AGpqwj8lHcLC7SyrNB8wu37L+duIqcmnTeT6a0JHc57Zle8Jdj
EtUVtRoJ4txRnHLQM3B4sZ7ybP3sCTMnPzV/ABEBAAG0H0pha3ViIEtsYw1hIDxq
Y2VlbEBGcmVlQlNELm9yZz6JATgEEwECACIFAK6BwQKcGwMGcwkIBwMCBhUIAgKK
CwQWAGMBAh4BAheAAoJEA1GQZMqrqZ9C9wH+gJzw7uvpz5VwJRN3buK4n46v8qU
YFQrWwGzV00R5QMrFcN6x7FzZupLFx3B0ih1ak3UPVyJ3fcMCORAHU1QkCnwCBnm
IUNRGPwC2WvD0hiBcBXpe6BRbshyeWkvqacLnSvc0WUZP58gmJnLZjCs5ke+se/T
gZgSTTuN7mMFCG7MA4EXcvtIX8VWXWVyXufXfDbQnQkuLtboetYE692063YUIsLK
URw53loB9jonBkZ2lWPkN6Q0HF/34HrP/Bw4ZZnYZ/gzffH0QdrRxCBaK7R2TrJ2
kF2FSUtsCHJWgLq0cYyg4pCz7oYtT9x5IuubH4SDAajV65JgMic2RKkehE25AQ0E
ToHBCQEIAMopCcGmuQPYBVgEc1lbEtwG87mJJzpTNB10aE7JCUK7KSI+9qE5o5Tu
jqFF39mu3Gr1kecsmtNNfCNW+ja9MtTatcnsMmWZ5uNFUG3y2+KotplDEWTAZcM
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nq/b0BSJovmtdXn03wHLgz3dDcMn0AgGNSMpBztoRjic5ssSCEfncMLXVjm0a6Ji
kRL740TTNK1HK00Wk0pfi5NEiTyq+XTyFg0ekeMZIIIRQZHKFFA/ThJoEvV0b9pv5
vkxifCjz0NFTecttnpVDSPWq77KYM7UAEQEAAYkBWYQAQIACQUCToHBCQIBDAK
CRAJRkGtKq6mfXU6B/93a1Us9ESZfzwjg5kd2Rf9GtzJkEULEKKJwG7ek/6p3pr
Qlrv2S4coikPCbasdxi4INbQbtDP44Hr6LNCRXB4VceDb0A0W5H4h04y1kWXbdTN
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=Rt4u
-----END PGP PUBLIC KEY BLOCK-----
```

3.188. Andreas Klemm <andreas@FreeBSD.org>

```
pub 1024D/6C6F6CBA 2001-01-06 Andreas Klemm <andreas.klemm@eu.sdidata.com>
    Key fingerprint = F028 D51A 0D42 DD67 4109 19A3 777A 3E94 3
6C6F 6CBA
uid Andreas Klemm <andreas@klemm.gtn.com>
uid Andreas Klemm <andreas@FreeBSD.org>
uid Andreas Klemm <andreas@apsfilter.org>
sub 2048g/FE23F866 2001-01-06
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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mQGibDpXnNsRBACosqQnFwHgBcl+H2TXLWG/uAAdcZ3d4vLC9tKIPif/Wovf0TuA
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Zq7VDPfENAM8NuYCXIdVYpd860tIfongUbpgHq9dA/bgoDDHXLbQZUMNwCgurY0
XH1F5x7vApyBFqaE9ZKglRED/jbd0UeQ8E2Y8jvoHgn9kDGjqqTxNerLK2g7gRgx
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B8bYGXAAROPXulAT1r/P5k3kSHDEXulqfLEk9Sch7CKrVdNaZHsrknbmFPPmhsf
zz17A/oCFA5tXthQ4Y0lmyjJXiMmiD/aX1fQovjayQDD/diNYQ/z3JUuaA01Nhw4
02LDFck0x02T8wWIC80x9J7twKKBt9Ep1MpZw/mY7XlpTFP82ls15pNIshogjLX8
23aBC+xrRda6SqTAnqsneyxGujSkS4sNubUWaqf0UufcxZpA77QLQW5kcmVhcyBL
bGVtbSA8Yw5kcmVhcy0BrbGVtbS5ndG4uY29tPohXBBMRAGAXBQI6V5zbBQsHCgME
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```

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3.189. Johann Kois <jkois@FreeBSD.org>

```

pub 1024D/DD61C2D8 2004-06-27 Johann Kois <J.Kois@web.de>
    Key fingerprint = 8B70 03DB 3C45 E71D 0ED4 4825 FEB0 EBEF 3
DD61 C2D8
uid                                Johann Kois <jkois@freebsd.org>
sub 1024g/568307CB 2004-06-27

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3.190. Sergei Kolobov <sergei@FreeBSD.org>

```

pub 1024D/3BA53401 2003-10-10 Sergei Kolobov <sergei@FreeBSD.org>
    Key fingerprint = A2F4 5F34 0586 CC9C 493A 347C 14EC 6E69 3
    3BA5 3401
uid                               Sergei Kolobov <sergei@kolobov.com>
sub 2048g/F8243671 2003-10-10

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-----END PGP PUBLIC KEY BLOCK-----

```


3.191. Maxim Konovalov <maxim@FreeBSD.org >

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pub 1024D/2C172083 2002-05-21 Maxim Konovalov <maxim@FreeBSD.org>
    Key fingerprint = 6550 6C02 EFC2 50F1 B7A3 D694 ECF0 E90B 3
2C17 2083
uid Maxim Konovalov <maxim@macomnet.ru>
sub 1024g/F305DDCA 2002-05-21
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-----END PGP PUBLIC KEY BLOCK-----
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3.192. Taras Korenko <taras@FreeBSD.org >

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pub 1024D/8ACCC68B 2010-03-30
    Key fingerprint = 5128 2A8B 9BC1 A664 21E0 1E61 D838 54D3 3
8ACC C68B
uid Taras Korenko <taras@freebsd.org>
uid Taras Korenko <ds@ukrhub.net>
uid Taras Korenko <tarasishche@gmail.com>
sub 2048g/8D7CC0FA 2010-03-30 [expires: 2015-03-29]
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EsKTn7/B
=meSB
-----END PGP PUBLIC KEY BLOCK-----
```

3.193. Joseph Koshy <jkoshy@FreeBSD.org>

```
pub 1024D/D93798B6 2001-12-21 Joseph Koshy (FreeBSD) ᵓ
<jkoshy@freebsd.org>
Key fingerprint = 0DE3 62F3 EF24 939F 62AA 2E3D ABB8 6ED3 ᵓ
D937 98B6
sub 1024g/43FD68E9 2001-12-21
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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mQGiBDwi3FcRBADkiWSSJSOX38CIPgbUnnDQ8S79eZ0zQYnYn5aeRMi7w0B4SnQP
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/VtANEu2XbxUp5pGmReNn50EAM4vLWfZk3T2woHN0VB0wEk0BM216zfJQGLFUFqT
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AwUU6Z+LxDn+fwERX7wL5rasafilr7/9VvGADfelpxKR0kZM1eKYPtrilzS6Zm5a
CC+QVyyoTcb+x0mWForq6FxDf7+l/00TuEG7V0H4RgLaT2N33yoScEvxdB/Qo4w
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=a9D2
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-----END PGP PUBLIC KEY BLOCK-----
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3.194. Wojciech A. Koszek <wkoszek@FreeBSD.org>

```
pub 1024D/C9F25145 2006-02-15
Key fingerprint = 6E56 C571 9D33 D23E 9A61 8E50 623C AD62 ᵓ
C9F2 5145
uid Wojciech A. Koszek <dunstan@FreeBSD.czyst.pl>
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=sq8v

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pub 2048R/0D1D29A0 2012-03-01 [expires: 2024-02-27]
    Key fingerprint = 7774 4FCF 6AC9 126B BD0E DBF3 5EBF 4968 0D1D 29A0
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OpenPGP Keys

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uid          Alex Kozlov <ak@freebsd.org>
sub          2048R/2DD82C65 2012-03-01 [expires: 2024-02-27]
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-----END PGP PUBLIC KEY BLOCK-----

3.196. Steven Kreuzer <skreuzer@FreeBSD.org >

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pub          1024D/E0D6F907 2009-03-16 [expires: 2015-04-09]
             Key fingerprint = 8D8F 14D6 ED9F 6BD0 7756 7A46 66BA B4B6 5
E0D6 F907
uid          Steven Kreuzer <skreuzer@exit2shell.com>
uid          Steven Kreuzer <skreuzer@freebsd.org>
sub          4096g/76940A06 2009-03-16 [expires: 2015-03-13]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=gqde
-----END PGP PUBLIC KEY BLOCK-----

```

3.197. Gábor Kövesdán <gabor@FreeBSD.org >

```

pub 1024D/2373A6B1 2006-12-05
    Key fingerprint = A42A 10D6 834B BEC0 26F0 29B1 902D D04F  3
2373 A6B1
uid Gabor Kovesdan <gabor@FreeBSD.org>
sub 2048g/92B0A104 2006-12-05

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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EYq8QMxwYS+3TpfCMmgnqTymegNZpbQ32nJYKnxn9j58sLqgp7BjekgAYi79z+Zx
0HoeGPiEHGLdyomj5aaITCZfTB5CRMyn+dbvXUp18hdAEG72q5D7JH8yic0ANHud
NdMICdXTJcHnDQeXdSrVWGTQmt4iuwfwKlmiEkEGBECAAKFAkV1ziACGwACgkQ
kC3QTyNzprFoGQCfZdGMD7cQFoCW1DBGmNJ9A05WmQAOIM4BtfriXvx3Tov88ES
DH0hFMi+
=jLzS
-----END PGP PUBLIC KEY BLOCK-----

```

3.198. Ana Kukec <anchie@FreeBSD.org>

```

pub 2048R/510D23BB 2010-04-18
    Key fingerprint = 0A9B 0ABB 0E1C B5A4 3408 398F 778A C3B4 510D 23BB
uid                               Ana Kukec <anchie@FreeBSD.org>
sub 2048R/699E4DDA 2010-04-18

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBEvLStoBCACxnU/0ujcU5D0Ph4eGJhRfFSxoH/CBIH1AnaQyrsmzMCfdFav+
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p3bruBe7eruQb4sN9Q113LLTZBTs8GsWI+iAqaeuT2eKhYuJlqI37Zp/36k87cTE
sQg37HtSfkjLOCEbXH9q6JGci0rwa4DqLPfwoPEyyMuTcwcRm4QhNKUvJ9jRFze9
YYMXQIgBMX5L0j94mnq52HkXstvrK0xURKAntXcqB0ciQUoXTRN0K0cYHPbNHWS
PqZMhpTyD9d+SKYHu0GUJbsLhtaGzBLK9SQ3ABEBAAG0HkFuYSBLdWtLyyA8YW5j
aGllQEZYZWVU0Qub3JnPokB0AQTAQIAIgUCS8tK2gIbAwYLCQgHAWIGFQgCCQoL
BBYCAwECHgECF4AACgkQd4rDtFENI7ub6gf9HsBwaT7CmPenZPPjk+/GXDinWPW+
Q7c6rAEA3072j+h/RDtnhKip9R6/4SankmrQSA0NC01EiTzsgV/3cS0k4v0XKBrT
10B1WrX15Tx0osEYNP4GhPwKE0/6jCTF+8ESKyPuj0vw9ps/0BgdYhD+gww94SX5
IymGWRBeyncmJDefcvA1UoL5XjhGtV6qhmzPmN0+PamJLPd0X2W0fb/w9/od+5+
o7olzxiy0kVaYXBizKVQ482x/oN3kXwzMmxkhN4zmoJp0zvJpB0w4Ar5WiYldgL8x
ZggWcR0NLVejeYi5VBPxsPh3vfVfVvjhxHuS/bLGyBa/t00bKxTpbD9frkBDQRL
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```

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KWYuTow6dZtCySg7GXW0fEV+QEVWvDa3y/zGjZ0SVwcm7pk3Vm3Pnuv9a52wG6gm
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NmLsc+kZodFbsrUjdFZXyKFKP4a4D8Gq4nPLvDjRB5ZNFjy1HQxp0JAKZpK0wgz
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E8Lb4zQJa1RtSj8Ma/Qx+cL7BNWypZAUirXrhZiVdAjvnQ87CyW2bjZ1w4zsv1Qm
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l5WNOv4DmHSJ5nplItA0RSrBDeJWk2wLjp7N+7Hy9lbyMegAwYMQSRQTWNRGok0K
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=R9q
-----END PGP PUBLIC KEY BLOCK-----
```

3.199. Roman Kurakin <rik@FreeBSD.org >

```
pub 1024D/C8550F4C 2005-12-16 [expires: 2008-12-15]
    Key fingerprint = 25BB 789A 6E07 E654 8E59 0FA9 42B1 937C  C
C855 0F4C
uid Roman Kurakin <rik@FreeBSD.org>
sub 2048g/D15F2AB6 2005-12-16 [expires: 2008-12-15]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGibE0iikikRBADU4oWe1rkbd6R8He0R5I/Uw6gGk0zrBPNkyT9PatNKFYgA0otZ
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VkvELJ6qtJvLQRKMh51eFlkR00Fy0HsBWfc4U82GvBLU5fPL1FujMeVLJtZ0W3q+
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YwtpbiA8cm1rQEZYZWVcU0Qub3JnPhmBBMRagAmbQJDopIpAhsDBQkFo5qABgsJ
CacDAgQVAggDBBYCAwECHgECF4AAACgkQQrGTfMhVD0yS6gCfQyXa2JPIyfy0EFzQ
HGwWRDPjzjsAn0IJZGfMUiTegcmtpu0lnv6nMUiEiEYEEBECAAYFAk0jJ6YACgkQ
TclL2LcfYf1uNACgXMrImzdzmMwriLK+T40Kcffa/sAo0CL19v4pPw4R4KI3o70
M0acY9bIiEYEEBECAAYFAk0jvw0ACgkQryLc73j0EF8XvQCfWcxEwIwZ4eZld/Qf
eB1hsxJedXUAna/ft0sZtbG4o299udw71y57GHMPiEYEEBECAAYFAk0j44IACgkQ
hdRQRWtpGw0ERQCdH2AVEiuQohXg0X2PdCIZYiufCEEAOJgG0NTdR1U3cp1X4Hhc
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d+5GZVJRzrwGqrGN/3zRvd1PbTpeJ/pbT/saFtsVCmLPoU0pKeyDHGLPotQo67gu
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CQWjmoAACGkQQRGTfMhVD0wzaQCgIkceiB8ksT3+rwFRapwaWT08ey0An3w0Diff
8juSFfJ2ZBIPyPzTgGmu
=0i68
-----END PGP PUBLIC KEY BLOCK-----
```

3.200. Hideyuki KURASHINA <rushani@FreeBSD.org>

```
pub 1024D/439ADC57 2002-03-22 Hideyuki KURASHINA <rushani@bl.mmtr.
or.jp>
    Key fingerprint = A052 6F98 6146 6FE3 91E2 DA6B F2FA 2088 3
439A DC57
uid                               Hideyuki KURASHINA <rushani@FreeBSD.
org>
uid                               Hideyuki KURASHINA <rushani@jp.
FreeBSD.org>
sub 1024g/64764D16 2002-03-22
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)
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S1VSQVNISU5BIDxydXNoYw5pQGJsLm1tdHIub3IuanA+iF8EExECAB8CGwMECwC
AgMVAgMDfGIBAh4BAheAAhkBBQI+L/K/AAoJEPL6IIhdmtXGj8An1YuXcp0iurB
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oIQ/on62k7YB0+bu0+K472a/cW2MuQENBDybt6UQBAD/ZGmvwhzt9YWhF9q7mLOT
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YIraowzLoKRdINuDQrCpEwADBGP9H4CwbNjtQAHwS9ATmFL6F2Bg9LWe1godSWM
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vgliCuyiI6m+MMWCKOCj/69wIu1ilmWqkn8SeoEwN+hwqHa20ue7vBhXreQanJim
sq38ZdCIRgQYEQIABgUCPJ3pQAKCRDy+iCIQ5rcVzT/AKCgY0YEmpIxXYVI5gYM
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=cXJQ
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.201. Jun Kuriyama <kuriyama@FreeBSD.org >

```
pub 1024D/FE3B59CD 1998-11-23 Jun Kuriyama <kuriyama@imgsrc.co.jp>
    Key fingerprint = 5219 55CE AC84 C296 3A3B B076 EE3C 4DBB 5
FE3B 59CD
uid Jun Kuriyama <kuriyama@FreeBSD.org>
uid Jun Kuriyama <kuriyama@jp.FreeBSD.org>
sub 2048g/1CF20D27 1998-11-23
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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AwIDFgIBAheAAAJE048Tbv+01nN4+YAoKeQztEcbPBbbX7DZAH0sGZLrZ2NAJ9a
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SME9UqbRMPK+8FUumwCfYH1pt4t6jFluLLk+9wYA9wISL3e5Ag0ENllesBAIAMSU
hrKdEdKzQXHzkoE4NzL3hb6dtDmjgYr+3X95wBkUvtrk2CeYG3RC1PNwd1sEFEWp
IiSz0aQDzxZmtBGpMkQ1It+CW4sC5Cs2TQ59VHLFw7HWSYMNj+RchWuWkhwipnX5
8wu6To12Mu2MnyLszX2QIUxrQme7UpKkJgCct60C1DZLoQuZmfEZEyXmSfJsizeq
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hLaVfesP/NCIt5Y=
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-----END PGP PUBLIC KEY BLOCK-----
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3.202. Gleb Kurtsov <gleb@FreeBSD.org >

```
pub 2048R/C2A8382F0952092D 2013-11-02 [expires: 2016-11-01]
```

```

Key fingerprint = D1F6 F20B BB68 06AD D051 4BD5 C2A8 382F 0952 092D
uid                               Gleb Kurtsov <gleb@FreeBSD.org>
uid                               Gleb Kurtsov <gleb.kurtsov@gmail.com>
sub    2048R/E628ECBAC4622293 2013-11-02 [expires: 2016-11-01]

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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mQENBFJ1Lm8BCACxCdVh3420V4x+oSUA7/jizQYIj+dc0VnvVQtlWRKQqipMEEsq55bqhfW0r46lexnhAWDygaEFZVpy6VA00RXKE3XSaD8Qt0K0IBKNksVHZXzCeh3icsJkpmxL8bbImdVYs1jPwMYjt0AIFZPEgVdohyxkXJY2CBSAsjFgr0cvgJ5K8QnRlySrhtgwaqt/ZSX0JCTv9vfxz99Xqvh6PM+RH6NnPLSQGr/uzjCMG3aAvSC0D9qpA26IMYJnv0cRds3I61bLAsbdQP6rpl72Qcd0r2eBsL/27zAKEPL9kHeZh9J8rSTJBu0ZMcm8Hcmi78b5LSEJUYSQFPZeUgsX3ABEBAAG0JUdsZWlG53VydHNvdSA8Z2xlYi5rdXJ0c29lQ6dtYWlsLmNvbT6JAT0EEwEIAcCfAlJ1MCICGwMFCQWjmoAFcWkIBwMFFQoJCAsFFgMCAQACHgECF4AACgkQwqg4LwLSCS2uGAf/SUzeNQcg9qNYBJh8Eb0HvLg8+yF0eiBL4WoBU5WeGwbUcIxzhy6+/bu7bVUcdt1ugHrGDLBm13bCV0kUIVc7oyAu0lzrVZ4P+Tj/MgxNE36SVKhgTQY7ZbVFP00A3VtqK8iHTVwLRHJXod2zaChrDRRrsbKax3exsNBA1JmJl0oXPey6teVL50y5IVLQeUzN3oFi/hW3yUGkb7p5NDliK3v2LqyjITgz0tUXiybSSNiVH/3qHwG3Pd0j0t8Ffek374V87Z/rtoix/D0Vqx/E/z3Sq5iE+S9BSN0loKFGP3IW31j5MN0ff4yzvwoFubo9BDLGkjC6AN0Vg9yqL7QfR2xlYiBLdXJ0c29lIDxbGViQEZYZWVU0Qub3JnPokBQAQTAAQgAKgIbAwUBA0agAULCQgHAWUVCgkICwUWAgMBAAIeAQIXgAUcUnUwnAIAZAQAKCRDCqDgvCVIjLLeMsB/4qcTWDkuoxym5/XUA34Tys6XdvRZb9Gt6S3vtqJPqXf/U3f6Q9zuc2J14FqXMBaIFZ+MXNHkFYIBjovq4WBw5SE2RJaxw0224de2kBPQLZ0LvK6RUTNATueXxe5j5P+8cB+iFeOKiBy/vrhf+KJZf13ILMZx0wjEHnh50yCJpkbJAJaItVnnI7d/yC6L+VdZrLsSubGFxzq9GRHz8n9XtyikWHGt6ro5dfx6+rTLrLZ8o5XRYTadM2gEc8CGyjqH7rFa2Ej38TsggcN957jhko+Ba2ugjWCrwWUAYGYFa3z1EhlHUUcvlgzwZwMGo9E4BtbDpXvL7uh0htgaKhYshuQENBFJ1Lm8BCADE+BBFTv6JDZw9U4u5/i9ZXGjRVRgzCLtgtu8Ms4LmQTaRTNFqYDR44J7/VBapK9Pc6eBlSfgf7Fup+ez+esc4E06KWNafQ0pyaByjuk8Wyc4W2ky0CiwDgFTLX0tWuD4itg97c0SLKyIcH3WIF7vL/9qwpRSJV/G3ME9evl8v3GcymbmztgBSBs/Llkf71LEPMz853IGVWmAjzgkLWPXAtKECWu6+t1BPZjSgGsQq42+gJbazkcXc/D1PW0D+UaTKHTP50XBKxAiP4LqPMJHXVZAt1ZrQPnSlukRJg06xLDIvx7739m4aUiqEb6yB2tovqtgsSM5iKfmXfiKQ0hU7ABEBAAGJASUEGAEIAA8FALJ1Lm8CGwwFCQWjmoAACgkQwqg4LwLSCS3b8ggAizyoNroXILfRYxLixr55Jd9j6bBIcNkBWQ0vleBENsP29kD65cqCc8IM2J62fnGBBD+WiPpeiKJWkz09qaqCFvcxbhKKgl7ItfnHJ6RlpQ++CaELL+E/4kflNd+v0gfutHWGKGBR8/aF3X1T2GRRxUzDizy23A1PdVg0wnFmSqzLQ6GjCjnmnxoCxZJFQB792slgqlsNrGBFuxSPx0ftS23koNfsQ0yE9TbZicTMAcAq3dzfPngIcjpzb8cDN6oc1pDs2fLyyQkDLiKKElpPp6zoJTEWjgHidfTK0BuVoI4Hy006C9kqLkLR/M5rVYlla2gILu7iE0wzgX3DEY3Iw==
=5BWz

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-----END PGP PUBLIC KEY BLOCK-----

3.203. René Ladan <rene@FreeBSD.org >

```

pub    4096R/ADBBF8610A3789B7 2012-11-18 [expires: 2016-12-26]
Key fingerprint = 101A 716B 162B 00E5 5BED EA05 ADBB F861 0A37 89B7
uid                               René Ladan <rene@freebsd.org>

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sub 4096R/CB77BE03B67184C6 2012-11-18

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-----END PGP PUBLIC KEY BLOCK-----
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3.204. Julien Laffaye <julaffaye@FreeBSD.org>

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pub 2048R/6AEBE420 2011-06-06
    Key fingerprint = 031A B449 B383 5C3B B618 E2F4 BAD0 0F0E 6AEB E420
uid                               Julien Laffaye <julaffaye@FreeBSD.org>
sub 2048R/538B8D5B 2011-06-06
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-----END PGP PUBLIC KEY BLOCK-----

3.205. Clement Laforet <clement@FreeBSD.org>

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pub 1024D/0723BA1D 2003-12-13 Clement Laforet (FreeBSD committer ȝ
address) <clement@FreeBSD.org>
    Key fingerprint = 3638 4B14 8463 A67B DC7E 641C B118 5F8F ȝ
0723 BA1D
uid                               Clement Laforet ȝ
<sheepkiller@cultdeadsheep.org>
uid                               Clement Laforet <clement.ȝ
laforet@cotds.org>
sub 2048g/23D57658 2003-12-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.206. Max Laier <mlaier@FreeBSD.org >

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pub      1024D/3EB6046D 2004-02-09
          Key fingerprint = 917E 7F25 E90F 77A4 F746 2E8D 5F2C 84A1 3EB6 046D
uid          Max Laier <max@love2party.net>
uid          Max Laier <max.laier@ira.uka.de>
uid          Max Laier <mlaier@freebsd.org>
uid          Max Laier <max.laier@tm.uka.de>
sub      4096g/EDD08B9B 2005-06-28
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3.207. Erwin Lansing <erwin@FreeBSD.org >

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3.208. Ganael Laplanche <martymac@FreeBSD.org >

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3.209. Greg Larkin <glarkin@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.210. Frank J. Laszlo <laszlof@FreeBSD.org >

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pub 4096R/012360EC 2006-11-06 [expires: 2011-11-05]
    Key fingerprint = 3D93 21DB B5CC 1339 E4B4 1BC4 AD50 C17C 0123 60EC
uid Frank J. Laszlo <laszlof@FreeBSD.org>
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3.211. Dru Lavigne <dru@FreeBSD.org >

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pub 1024D/C6AA2E94 2013-01-22
    Key fingerprint = 6CC4 2180 F27C 29B6 5A9C EC0D A454 DC05 3
C6AA 2E94
uid Dru Lavigne <dru@freebsd.org>
sub 1024g/7FAC82EA 2013-01-22
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3.212. Sam Lawrance <lawrance@FreeBSD.org >

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pub 1024D/32708C59 2003-08-14
    Key fingerprint = 1056 2A02 5247 64D4 538D 6975 8851 7134 3
3270 8C59
uid Sam Lawrance <lawrance@FreeBSD.org>
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```
uid      Sam Lawrance <boris@brooknet.com.au>
sub      2048g/0F9CCF92 2003-08-14
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-----END PGP PUBLIC KEY BLOCK-----

3.213. Nate Lawson <njl@FreeBSD.org >

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pub      1024D/60E5AC11 2007-02-07
          Key fingerprint = 18E2 7E5A FD6A 199B B08B E9FB 73C8 DB67 5
60E5 AC11
uid      Nate Lawson <nate@root.org>
sub      2048g/CDBC7E1B 2007-02-07
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=y01b
-----END PGP PUBLIC KEY BLOCK-----
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3.214. Jeremie Le Hen <jlh@FreeBSD.org >

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pub      2048D/8BF6CF92 2012-04-18
           Key fingerprint = 66C9 B361 16CA BFF6 5C07 DA0A 28DE 3702 8B
8BF6 CF92
uid       Jeremie Le Hen <jeremie@le-hen.org>
uid       Jeremie Le Hen <jeremie@lehen.org>
uid       Jeremie Le Hen <ttz@chchile.org>
uid       Jeremie Le Hen <jlh@FreeBSD.org>
sub      2048g/045479A3 2012-04-18
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-----END PGP PUBLIC KEY BLOCK-----
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3.215. Yen-Ming Lee <leeym@FreeBSD.org>

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pub 1024D/93FA8BD6 2007-05-21
    Key fingerprint = DEC4 6E7F 69C0 4AC3 21ED EE65 6C0E 9257 ǵ
93FA 8BD6
uid Yen-Ming Lee <leeym@leeym.com>
sub 2048g/899A3931 2007-05-21
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-----END PGP PUBLIC KEY BLOCK-----
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3.216. Sam Leffler <sam@FreeBSD.org>

```
pub 1024D/BD147743 2005-03-28
    Key fingerprint = F618 F2FC 176B D201 D91C 67C6 2E33 A957 ǵ
BD14 7743
uid Samuel J. Leffler <sam@freebsd.org>
sub 2048g/8BA91D05 2005-03-28
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3.217. Jean-Yves Lefort <jylefort@FreeBSD.org >

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pub      1024D/A3B8006A 2002-09-07
          Key fingerprint = CC99 D1B0 8E44 293D 32F7 D92E CB30 FB51  3
A3B8 006A
uid          Jean-Yves Lefort <jylefort@FreeBSD.org>
uid          Jean-Yves Lefort <jylefort@brutele.be>
sub      4096g/C9271AFC 2002-09-07
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3.218. Greg Lehey <grog@FreeBSD.org >

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3.219. Alexander Leidinger <netchild@FreeBSD.org >

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OpenPGP Keys

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3.220. Andrey V. Elsukov <ae@FreeBSD.org >

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pub 2048R/10C8A17A 2010-05-29
Key fingerprint = E659 1E1B 41DA 1516 F0C9 BC00 01C5 EA04 3
10C8 A17A
uid Andrey V. Elsukov <ae@freebsd.org>
uid Andrey V. Elsukov <bu7cher@yandex.ru>
sub 2048R/0F6D64C5 2010-05-29
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3.221. Dejan Lesjak <lesji@FreeBSD.org>

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pub 1024D/96C5221F 2004-08-18 Dejan Lesjak <lesji@FreeBSD.org>
    Key fingerprint = 2C5C 02EA 1060 1D6D 9982 38C0 1DA7 DBC4 0
96C5 221F
uid                               Dejan Lesjak <dejan.lesjak@ijs.si>
sub 1024g/E0A69278 2004-08-18

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3.222. Achim Leubner <achim@FreeBSD.org >

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pub  2048R/2E15B3C1 2013-01-22
      Key fingerprint = 2A48 0317 D477 2A07 2AD9  CF1C 7C1D 832E  5
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uid          Achim Leubner <achim@freebsd.org>
sub  2048R/E275EF01 2013-01-22

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CQoLBbYCAwEChgECF4AACgkQfB2DLi4Vs8EW0AgAnkiKp8Hu40tgwLymXdK5eM2K
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=jnyf
-----END PGP PUBLIC KEY BLOCK-----

```

3.223. Chuck Lever <cel@FreeBSD.org >

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pub 1024D/8FFC2B87 2006-02-13
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```

Key fingerprint = 6872 923F 5012 F88B 394C 2F69 37B4 8171 8FFC 2B87
uid          Charles E. Lever <cel@freebsd.org>
sub          2048g/9BCE0459 2006-02-13

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mQGIBEPxAWERBACkn7HyvqMEJbJcf5eSJ57WR4Xoo1PU1GIsAYhdFhD0vmewRZcH
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/KWhtyRy
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-----END PGP PUBLIC KEY BLOCK-----

```

3.224. Don “Truck” Lewis <truckman@FreeBSD.org>

```

pub      2048R/B082B167EC3362D8 2014-02-20 [expires: 2017-02-19]
Key fingerprint = 7016 6C9F 3B88 E5E9 E7C7 E056 B082 B167 8FFC 62D8
EC33 62D8
uid          Don "Truck" Lewis <truckman@FreeBSD.org>
sub      2048R/76F1C2A82FEBF95E 2014-02-20 [expires: 2017-02-19]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBFMFv3EBCADzzY+3VAK7Y/IR720WwPGG4MOR6rnWqGoZ3EhVwSN/yw0lU5/T
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-----END PGP PUBLIC KEY BLOCK-----

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3.225. Greg Lewis <glewis@FreeBSD.org >

```

pub 1024D/1BB6D9E0 2002-03-05 Greg Lewis (FreeBSD) <glewis@FreeBSD.org>
Key fingerprint = 2410 DA6D 5A3C D801 65FE C8DB DEEA 9923 1BB6 D9E0
uid Greg Lewis <glewis@eyesbeyond.com>
sub 2048g/45E67D60 2002-03-05

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=bx2+
-----END PGP PUBLIC KEY BLOCK-----

```

3.226. Qing Li <qingli@FreeBSD.org>

```

pub 2048R/A3CA4C13 2013-06-12 [expires: 2017-06-12]
     Key fingerprint = E37B CB18 35D1 F01B 7D7B 1000 0EAF 4BEA 3
A3CA 4C13
uid                               Qing Li <qingli@freebsd.org>
sub 2048R/EF3A9370 2013-06-12 [expires: 2017-06-12]

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TG4F2YMnKw8WTj0cToBwNw2ud2nnZKMgIlrM0xglntaYson1BlfV/mzChlqDDBVW
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kCpqq9vd32M6N0Jugm8L7SKAdSeAHqtCFLKGXPbPLP9hiTF4WwvptrJp50uzDDrj
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3.227. Xin Li <delphij@FreeBSD.org >

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pub 4096R/95B6181B2D33E9EC 2013-10-03 [expires: 2018-10-02]
    Key fingerprint = 0E1A 6039 BFD2 1F02 DD1B BFF5 95B6 181B 2D33 E9EC
uid Xin Li <d@delphij.net>
uid Xin Li <delphij@FreeBSD.org>
uid Xin Li <delphij@delphij.net>
sub 4096R/7D0C88F036C2299B 2013-10-03 [expires: 2018-10-02]
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3.228. Tai-hwa Liang <avatar@FreeBSD.org >

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pub 1024R/F4013AB1 1998-05-13 Tai-hwa Liang <avatar@FreeBSD.org>
    Key fingerprint = 5B 05 1D 37 7F 35 31 4E 5D 38 BD 07 10 32 0
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uid                                     Tai-hwa Liang <avatar@mmlab.cse.yzu.
edu.tw>

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3.229. Ying-Chieh Liao <ijliao@FreeBSD.org >

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pub 1024D/11C02382 2001-01-09 Ying-Chieh Liao <ijliao@CCCCA.NCTU.
edu.tw>
    Key fingerprint = 4E98 55CC 2866 7A90 EFD7 9DA5 ACC6 0165 0
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edu.tw>
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org>
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.230. Ulf Lilleengen <lulf@FreeBSD.org >

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pub 1024D/ADE1B837 2009-08-19 [expires: 2014-08-18]
    Key fingerprint = 3822 B4E6 6D1C 6F71 4AA8 7A27 ADDF C400 3
ADE1 B837
uid Ulf Lilleengen <lulf.lilleengen@gmail.com>
uid Ulf Lilleengen <lulf@pvv.ntnu.no>
uid Ulf Lilleengen <lulf@stud.ntnu.no>
uid Ulf Lilleengen <lulf@FreeBSD.org>
uid Ulf Lilleengen <lulf@idi.ntnu.no>
sub 2048g/B5409122 2009-08-19 [expires: 2014-08-18]
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3.231. Clive Lin <clive@FreeBSD.org >

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pub 1024D/A008C03E 2001-07-30 Clive Lin <clive@tongi.org>
    Key fingerprint = FA3F 20B6 A77A 6CEC 1856 09B0 7455 2805 5
A008 C03E
uid                               Clive Lin <clive@CirX.ORG>
uid                               Clive Lin <clive@FreeBSD.org>
sub 1024g/03C2DC87 2001-07-30 [expires: 2005-08-25]

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Version: PGP Key Server 0.9.6

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-----END PGP PUBLIC KEY BLOCK-----

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3.232. Po-Chien Lin <pclin@FreeBSD.org>

```

pub 4096R/865C427F 2013-02-05
    Key fingerprint = CF3B AB13 4C94 6388 B047 B599 8B28 1692 5
865C 427F
uid Po-Chien Lin <pclin@FreeBSD.org>
uid Po-Chien Lin <linpc@cs.nctu.edu.tw>
sub 4096R/F31280BA 2013-02-05

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.233. Yi-Jheng Lin <yzlin@FreeBSD.org>

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pub 2048R/A34C6A8A 2009-07-20
Key fingerprint = 7E3A E981 BB7C 5D73 9534 ED39 0222 04D3 3
A34C 6A8A
uid Yi-Jheng Lin (FreeBSD) <yzlin@FreeBSD.org>
sub 2048R/B4D776FE 2009-07-20
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-----END PGP PUBLIC KEY BLOCK-----
```

3.234. Mark Linimon <linimon@FreeBSD.org>

```
pub 1024D/84C83473 2003-10-09
    Key fingerprint = 8D43 1B55 D127 0BFC 842E 1C96 803C 5A34 84C8 3473
uid                               Mark Linimon <linimon@FreeBSD.org>
uid                               Mark Linimon <linimon@lonesome.com>
sub 1024g/24BFF840 2003-10-09
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-----END PGP PUBLIC KEY BLOCK-----
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3.235. Tilman Keskinöz <arved@FreeBSD.org>

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pub 4096R/6774D2A3 2013-09-24 [expires: 2018-09-23]
Key fingerprint = 4E07 0A2C F66B B844 7E9B A25B 6CBE B6EB 6774 D2A3
uid Tilman Keskinöz <arved@FreeBSD.org>
uid Tilman Keskinöz <arved@arved.at>
sub 4096R/8CD560FB 2013-09-24 [expires: 2018-09-23]
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3.236. Dryice Liu <dryice@FreeBSD.org>

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pub 1024D/77B67874 2005-01-28
    Key fingerprint = 8D7C F82D D28D 07E5 EF7F CD25 6B5B 78A8 77B6 7874
uid Dryice Dong Liu (Dryice) <dryice@FreeBSD.org>
uid Dryice Dong Liu (Dryice) <dryice@liu.com.cn>
uid Dryice Dong Liu (Dryice) <dryice@hotpop.com>
uid Dryice Dong Liu (Dryice) <dryiceliu@gmail.com>
uid Dryice Dong Liu (Dryice) <dryice@dryice.name>
sub 2048g/ECFA49E4 2005-01-28

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3.237. Tong Liu <nemoliu@FreeBSD.org >

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pub 1024D/ECC7C907 2007-07-10
    Key fingerprint = B62E 3109 896B B283 E2FA 60FE A1BA F92E 3
ECC7 C907
uid Tong LIU <nemoliu@FreeBSD.org>
sub 4096g/B6D7B15D 2007-07-10

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3.238. Zachary Loafman <zm1@FreeBSD.org >

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pub 1024D/4D65492D 2009-05-26
    Key fingerprint = E513 4AE9 5D6D 8BF9 1CD3 4389 4860 D79B 4D65 492D
uid                                Zachary Loafman <zm1@FreeBSD.org>
sub 2048g/1AD659F0 2009-05-26

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3.239. Juergen Lock <nox@FreeBSD.org >

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pub 1024D/1B6BFBFD 2006-12-22
    Key fingerprint = 33A7 7FAE 51AF 00BC F0D3 ECCE FAFD 34C1  3
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uid Juergen Lock <nox@FreeBSD.org>
sub 2048g/251229D1 2006-12-22
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-----END PGP PUBLIC KEY BLOCK-----
```

3.240. Remko Lodder <remko@FreeBSD.org>

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pub 4096R/3F774079 2012-11-11 [expires: 2016-11-11]
    Key fingerprint = 7EE4 C4AF DCA3 E0B4 479B A344 7135 8ED6 3F77 4079
uid                               Remko Lodder <remko@FreeBSD.org>
sub 4096R/59F38CB0 2012-11-11 [expires: 2016-11-11]
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3.241. Alexander Logvinov <avl@FreeBSD.org >

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pub 1024D/1C47D5C0 2009-05-28
    Key fingerprint = 8B5F 880A 382B 075E E707 9DB2 E135 4176 ㉿
1C47 D5C0
uid Alexander Logvinov <alexander@logvinov.com>
uid Alexander Logvinov (FreeBSD Ports Committer) ㉿
<avl@FreeBSD.org>
uid Alexander Logvinov <ports@logvinov.com>
uid Alexander Logvinov <logvinov@gmail.com>
uid Alexander Logvinov <logvinov@yandex.ru>
sub 2048g/60BDD4BB 2009-05-28

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-----END PGP PUBLIC KEY BLOCK-----

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3.242. Isabell Long <issyl0@FreeBSD.org >

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pub 8192R/0x66E1760E20E8FD7D 2013-09-26 [expires: 2018-09-01]
    Key fingerprint = 6E31 23BB B9AC C8BB 441F DC30 66E1 760E  3
20E8 FD7D
uid [ultimate] Isabell Long (Personal)  3
<isabell@issyl0.co.uk>
uid [ultimate] Isabell Long (BitFolk Limited)  3
<isabell@bitfolk.com>
uid [ultimate] Isabell Long (FreeBSD)  3
<issyl0@FreeBSD.org>
sub 8192R/0xE1FE57DEB9FE6B83 2013-09-26 [expires: 2018-09-01]

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Comment: GPGTools - https://gpgtools.org

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-----END PGP PUBLIC KEY BLOCK-----

```

3.243. Scott Long <scottl@FreeBSD.org>

```

pub 1024D/017C5EBF 2003-01-18 Scott A. Long (This is my official  
FreeBSD key) <scottl@freebsd.org>
    Key fingerprint = 34EA BD06 44F7 F8C3 22BC B52C 1D3A F6D1  
017C 5EBF
sub 1024g/F61C8F91 2003-01-18

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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3.244. Rick Macklem <rmacklem@FreeBSD.org>

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pub 1024D/7FB9C5F1 2009-04-05
Key fingerprint = B9EA 767A F6F3 3786 E0C7 434A 05C6 70D6 7FB9 C5F1
uid Rick Macklem <rmacklem@freebsd.org>
sub 1024g/D0B20E8A 2009-04-05
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-----END PGP PUBLIC KEY BLOCK-----
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3.245. Bruce A. Mah <bmah@FreeBSD.org >

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pub 2048R/4984910A8CAAEE8A 2014-01-17 [expires: 2017-01-16]
    Key fingerprint = F85A 3820 4369 F71A 34D4 4E83 4984 910A 8CAA EE8A
uid Bruce A. Mah <bmah@kitchenlab.org>
uid Bruce A. Mah <bmah@es.net>
uid Bruce A. Mah <bmah@acm.org>
uid Bruce A. Mah <bmah@ieee.org>
uid Bruce A. Mah <bmah@freebsd.org>
sub 2048R/3FE58165F851A044 2014-01-17 [expires: 2017-01-16]
    Key fingerprint = 32E2 00DA A25D A8B2 87F1 7CC3 3FE5 8165 87F1 A044
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-----END PGP PUBLIC KEY BLOCK-----
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3.246. Ruslan Makhmatkhanov <rm@FreeBSD.org>

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pub 2048R/F60D756F 2011-11-10
Key fingerprint = 9D18 8A88 304C B78B 8003 0379 4574 0BAF 5
F60D 756F
uid Ruslan Makhmatkhanov <rm@FreeBSD.org>
sub 2048R/B658C269 2011-11-10
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-----END PGP PUBLIC KEY BLOCK-----

```

3.247. Mike Makonnen <mtm@FreeBSD.org>

```

pub 1024D/7CD41F55 2004-02-06 Michael Telahun Makonnen <
<mtm@FreeBSD.org>
    Key fingerprint = AC7B 5672 2D11 F4D0 EBF8 5279 5359 2B82 &
7CD4 1F55
uid                               Michael Telahun Makonnen <mtm@tmsa-
inc.com>
uid                               Mike Makonnen <mtm@identd.net>
uid                               Michael Telahun Makonnen <mtm@acs-et.&
com>
sub 2048g/E7DC936B 2004-02-06

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=TuyI
-----END PGP PUBLIC KEY BLOCK-----

```

3.248. David Malone <dwmalone@FreeBSD.org >

```

pub 512/40378991 1994/04/21 David Malone <dwmalone@maths.tcd.ie>
    Key fingerprint = 86 A7 F4 86 39 2C 47 2C C1 C2 35 78 3
8E 2F B8 F5

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.3ia

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-----END PGP PUBLIC KEY BLOCK-----

```

3.249. Dmitry Marakasov <amdmi3@FreeBSD.org >

```

pub 1024D/F9D2F77D 2008-06-15 [expires: 2010-06-15]
    Key fingerprint = 55B5 0596 FF1E 8D84 5F56 9510 D35A 80DD 3
F9D2 F77D

```

OpenPGP Keys

```
uid          Dmitry Marakasov <amdmi3@amdmi3.ru>
uid          Dmitry Marakasov <amdmi3@FreeBSD.org>
sub 2048g/2042CDD8 2008-06-15
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=6qxX
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-----END PGP PUBLIC KEY BLOCK-----

3.250. John Marino <marino@FreeBSD.org>

```

pub 2048R/A0AE6229 2011-07-19
    Key fingerprint = EE48 4F90 C861 3A5F E39E AB9E 33CF 4190  0
A0AE 6229
uid                               John Marino (DragonFly) <draco@marino.st>
uid                               John R. Marino <john.secure@marino.st>
uid                               John Marino (NetBSD) <marino@netbsd.org>
sub 2048R/71D9FB68 2011-07-19

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.251. Koop Mast <kwm@FreeBSD.org >

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pub 4096R/BF4E2D5B3B9D8847 2014-01-31 [expires: 2016-01-31]
    Key fingerprint = F986 EDE2 B3EC 4098 7820 E1D7 BF4E 2D5B 3B9D 8847
uid                                     Koop Mast <kwm@FreeBSD.org>
uid                                     Koop Mast <kwm@rainbow-runner.nl>
sub 4096R/19C3701D1BE7F671 2014-01-31 [expires: 2016-01-31]

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-----END PGP PUBLIC KEY BLOCK-----
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3.252. Ed Maste <emaste@FreeBSD.org >

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pub 2048R/50A17BF4 2012-12-18
    Key fingerprint = 0C08 ECC9 3A0A 8500 AB95 B553 49C4 7851 50A1 7BF4
uid Ed Maste <emaste@freebsd.org>
sub 2048R/08FA5F72 2012-12-18
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3.253. Cherry G. Mathew <cherry@FreeBSD.org>

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pub 2048R/2D066FE1 2007-05-22
    Key fingerprint = FBF1 89FF 81BB E1C7 6C1B 378D 3438 20E9  3
2D06 6FE1
uid Cherry G. Mathew (FreeBSD email)  3
<cherry@FreeBSD.org>
uid "Cherry G. Mathew" (NetBSD email)  3
<cherry@NetBSD.org>
sub 2048R/7B2C4166 2007-05-22
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3.254. Makoto Matsushita <matusita@FreeBSD.org >

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pub      1024D/20544576 1999-04-18
         Key fingerprint = 71B6 13BF B262 2DD8 2B7C 6CD0 EB2D 4147  5
2054 4576
uid       Makoto Matsushita <matusita@matatabi.or.jp>
uid       Makoto Matsushita <matusita@FreeBSD.org>
uid       Makoto Matsushita <matusita@jp.FreeBSD.ORG>
uid       Makoto Matsushita <matusita@ist.osaka-u.ac.jp>
sub      1024g/F1F3C94D 1999-04-18

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3.255. Martin Matuska <mm@FreeBSD.org >

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pub 1024D/4261B0D1 2007-02-05
    Key fingerprint = 17C4 3F32 B3DE 3ED7 E84E 5592 A76B 8B03  3
4261 B0D1
uid Martin Matuska <martin@matuska.org>
uid Martin Matuska <mm@FreeBSD.org>
uid Martin Matuska <martin.matuska@wu-wien.ac.at>
sub 2048g/3AC9A5A6 2007-02-05
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-----END PGP PUBLIC KEY BLOCK-----
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3.256. Sergey Matveychuk <sem@FreeBSD.org>

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pub 1024D/B71F605D 1999-10-13
    Key fingerprint = 4704 F374 DB28 BEC6 51C8 1322 4DC9 4BD8 3
B71F 605D
uid Sergey Matveychuk <sem@FreeBSD.org>
uid Sergey Matveychuk <sem@ciam.ru>
uid Sergey Matveychuk <sem@core.inec.ru>
sub 2048g/DEAF9D91 1999-10-13
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3.257. Stephen McConnell <slm@FreeBSD.org >

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pub 2048R/E523D98C5DCEE9D0 2014-05-13 [expires: 2017-05-12]
    Key fingerprint = E5A6 6376 9B87 C35A B41E 1F7B E523 D98C 5DCE E9D0
uid                               Stephen McConnell <slm@FreeBSD.org>
sub 2048R/0A1BC20E46082DDE 2014-05-13 [expires: 2017-05-12]

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3.258. Tom McLaughlin <tmclaugh@FreeBSD.org >

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pub 1024D/E2F7B3D8 2005-05-24
    Key fingerprint = 7692 B222 8D23 CF94 1993 0138 E339 E225  5
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uid Tom McLaughlin (Personal email address)  5
<tmclaugh@sdf.lonestar.org>
uid Tom McLaughlin (Work email address)  5
<tmclaughlin@meditech.com>
uid Tom McLaughlin (FreeBSD email address)  5
<tmclaugh@FreeBSD.org>
sub 2048g/16838F62 2005-05-24

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3.259. Johannes Meixner <xmj@FreeBSD.org >

OpenPGP Keys

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pub 2048R/FC9E29371B1B0D0B 2014-04-09 [expires: 2017-04-08]
    Key fingerprint = 224E D70A A3AE 3EF1 23B0 CA88 FC9E 2937  1B1B 0D0B
uid                                     Johannes Jost Meixner <xmj@chaot.net>
uid                                     Johannes Jost Meixner <xmj@FreeBSD.org>
sub 2048R/A9F0E3193C0C8867 2014-04-09 [expires: 2017-04-08]
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3.260. Jean Milanez Melo <jmelo@FreeBSD.org >

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pub 1024D/AA5114BF 2006-03-03
    Key fingerprint = 826D C2AA 6CF2 E29A EBE7 4776 D38A AB83  14BF
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uid          Jean Milanez Melo <jmelo@FreeBSD.org>
uid          Jean Milanez Melo <jmelo@freebsdbrasil.com.br>
sub 4096g/E9E1CBD9 2006-03-03
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3.261. Julio Merino <jmmv@FreeBSD.org >

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pub 1024D/B889BD5041AD5625 2004-01-01
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OpenPGP Keys

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3.262. Kashyap D. Desai <kadesai@FreeBSD.org>

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uid    Kashyap D Desai <kashyap.
desai@avagotech.com>
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-----END PGP PUBLIC KEY BLOCK-----
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3.263. Kenneth D. Merry <ken@FreeBSD.org>

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pub 1024D/54C745B5 2000-05-15 Kenneth D. Merry <ken@FreeBSD.org>
    Key fingerprint = D25E EBC5 F17A 9E52 84B4 BF14 9248 F0DA 5
54C7 45B5
uid                               Kenneth D. Merry <ken@kdm.org>
sub 2048g/89D0F797 2000-05-15

pub 1024R/2FA0A505 1995-10-30 Kenneth D. Merry <ken@plutotech.com>
    Key fingerprint = FD FA 85 85 95 C4 8E E8 98 1A CA 18 56 F0 5
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.264. Mark Murray <mark@FreeBSD.org >

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pub 1024R/8A13A2CD 1995-08-08
    Key fingerprint = 80 36 6E 40 83 D6 8A 36 BC 06 EA 0E 7A F2 5
CE CE
uid Mark Murray <mark@grondar.org>
uid Mark Murray <markm@iafrica.com>
uid Mark Murray <mark@grondar.za>
uid Mark Murray <markm@freebsd.org>

pub 1024D/FB57D793 2000-01-20
    Key fingerprint = 3FB6 3D12 0CF0 611F 0441 CD18 CD0B 8A35 5
FB57 D793
uid Mark R V Murray <mark@grondar.org>
uid Mark R V Murray <mark@grondar.za>
uid Mark R V Murray <markm@uunet.co.za>
uid Mark R V Murray <markm@freebsd.org>
sub 2048g/EB82BBFC 2000-01-20

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Comment: GPGTools - http://gpgtools.org

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3.265. Dirk Meyer <dinoex@FreeBSD.org >

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Comment: For info see http://www.gnupg.org

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3.266. Yoshiro Sanpei MIHIRA <sanpei@FreeBSD.org>

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pub 1024R/391C5D69 1996-11-21 sanpei@SEAPLE.ICC.NE.JP
Key fingerprint = EC 04 30 24 B0 6C 1E 63 5F 5D 25 59 3E 83 0
64 51
uid MIHIRA Yoshiro <sanpei@sanpei.org>
uid Yoshiro MIHIRA <sanpei@FreeBSD.org>
uid MIHIRA Yoshiro <sanpei@yy.cs.keio.ac.jp>
jp>
uid MIHIRA Yoshiro <sanpei@cc.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@educ.cc.keio.ac.jp>
ac.jp>
uid MIHIRA Yoshiro <sanpei@st.keio.ac.jp>
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-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1.0.6 (FreeBSD)

Comment: For info see <http://www.gnupg.org>

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-----END PGP PUBLIC KEY BLOCK-----

```

3.267. Robert Millan <rmh@FreeBSD.org >

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pub 4096R/DEA2C38E 2009-08-14
    Key fingerprint = A537 F029 AAAE 0E9C 39A7 C22C BB9D 98D9 5
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uid Robert Millan <rmh@debian.org>
uid Robert Millan <rmh@freebsd.org>
uid Robert Millan <rmh@gnu.org>
sub 4096R/65A0A9CE 2009-08-14
sub 4096R/41F37946 2009-08-14

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.4.10 (GNU/kFreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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3.268. Stephen Montgomery-Smith <stephen@FreeBSD.org>

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pub 2048R/9A92D807 2011-06-14
Key fingerprint = 2B61 D82E 168E F08B 6E08 712E 2DF1 2BD1 9A92 D807
uid Stephen Montgomery-Smith <stephen@freebsd.org>
sub 2048R/A4BA6560 2011-06-14
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-----END PGP PUBLIC KEY BLOCK-----
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3.269. Marcel Moolenaar <marcel@FreeBSD.org>

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pub 4096R/875AF2DF1FD2D8E3 2012-11-17
Key fingerprint = 745F 456E AE8D 07DB 07C0 998B 875A F2DF 1FD2 D8E3
uid Marcel Moolenaar <marcel@xcllnt.net>
uid Marcel Moolenaar <marcel@FreeBSD.org>
sub 4096R/8B35277B73BDD377 2012-11-17
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-----END PGP PUBLIC KEY BLOCK-----
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3.270. Kris Moore <kmoore@FreeBSD.org>

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pub 1024D/6294612C 2009-05-26
    Key fingerprint = 8B70 9876 346F 1F97 5687 6950 4C92 D789 6294 612C
uid                               Kris Moore <kmoore@freebsd.org>
sub 2048g/A7FFE8FB 2009-05-26
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3.271. Dmitry Morozovsky <marck@FreeBSD.org>

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pub 4096R/0650BCC042473949 2013-11-25 [expires: 2016-11-24]
    Key fingerprint = 6BF3 EE15 5E2D 46F5 0B57 3A81 0650 BCC0 4247 3949
uid                               Dmitry Morozovsky <marck@rinet.ru>
uid                               Dmitry Morozovsky <marck@FreeBSD.org>
sub 4096R/948FF5948B7DAAA4 2013-11-25 [expires: 2016-11-24]
sub 4096R/65AA79C860E297A8 2013-11-25 [expires: 2016-11-24]

pub 1024D/85D450456B691B03 2001-07-20
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Key fingerprint = 39AC E336 F03D C0F8 5305 B725 85D4 5045 6B69 1B03
uid                Dmitry Morozovsky <marck@rinet.ru>
uid                Dmitry Morozovsky <marck@FreeBSD.org>
sub                2048g/EC88D8AE44D656F8 2001-07-20

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3.272. Alexander Motin <mav@FreeBSD.org >

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uid Alexander Motin <mav@FreeBSD.org>
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3.273. Felipe de Meirelles Motta <lippe@FreeBSD.org >

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Committer) <lippe@FreeBSD.org>
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LILvxiwQ7YlyJj0TJwbCHBpsTdo1hNooi2FEE3N5ShSMRlPoH3GXF1qdnwCgqV/g
I1QTCLudKraPfqNIbDCrPh8D/AmN2MdnlnIk6d7zUgLWuu3coohYIY0xaZ+ovKDb
S8siSZ5uaEZOhWHVLVGyXTmzLrCK7TUBKdK1sW7YrYKQdPjhYnYXrwS4AaWupWwX
K+fZWtAZsJiGLb0IrszAd2hRHUgQ5VeeoM0eD9eyAWHp5SVi9YcixMUNbn5ERPu4
ppK2A/sHynDjmkXHXzuNwN8dwcUjTMTvt9bxGrLVJHcJUsK527dv6/UG1CfZynZT
nca4GN042/FBjQtyJaTQd76aJQ/PSU88MMGuMUh9LYl9rRdMQKn4FXm/6t7NZ0qx
qvXzEC8jFw1B0vxhmykSEZDlwZFWqngDre9Ux68Eu6Nut554yrRIRmVsaXBwZSBk
ZSBNZWlyZWxsZXMgTW90dGEgKEZyZWVUCU0QgUG9ydHMGQ29tbWl0dGVyKSA8bGlw
cGVARnJlZUJTRC5vcmc+igYEEeXECACYFAki8sBICGwMFCQPCZwAGCwkIBwMCBBUC
CAMEFgIDAQIeAQIXgAAKCRajG68g8s99rLhsAJwNTFc1W0eu3Em6+RjD9WZwtX/1
0QCfb2riDssKYX42D7HhVjDvTe1BtXq5Ag0ESLwEhAIA0Qrj0PRt1W0C3Gh1njF
KDacQLlaJ5f52yaz0FLpu7igTRS/8ET1+uHvIwzcSbbG/4xWqPwirMxpNZwpFMzX
9l8bURIX5szmJ+bE14VH+La1p+w3lYswBn0PDTSYtWhaIn1LMXED4e2Kg/wUCpLT
M8htMa1pg0F2ZcmvbnZFuXmd3BBakvWrrJTYuDXy8HHnbALjUd40laUDT3Wi6FRB
W3HFj5lIiEjnJG52iTSxwVEkoChy7l/qDQ0zsguCCZZVldfQz2DAFscjX/HltuUK
s/gkzVR4jZDVMQPqCATuCVdYHrDWJnfU/R317Eg2kp2tJrNibrnFX+ciISSuq1+t
UmMAAwUH/1XxvFtLACv8NFLVfVWM9wA70ZTLjZEEfewbWRYgTlyv0Chn7H2ef3mn
I7/WoLF3ntm8Qcw6TcSrzbVzjgdWpS65Wc5Yzn1rMb6nP419kjDQPjvB8RUA1g9v
7Lu0v8qqeqo1/mT6PIh8ZnhWR42ei8l3QcbyGJMGPYUzK84qbd1TI9g05GjWHZ
LIi80DPb0cpazMCIgYjrqZs0oq4XcYJZah85Eu9jdqbx8aDNnag4Ne0+9jhy1msg
xC7WuLYPctfFZ3q5ZwdvvtfluyekjyY5mzkAuXKbtK66yMLugU4Nnr1IEs7oI212
NF2FmCRAKCMb26n8sd7xavpd9uF+6ciITwQYEQIADwUCSLyWEgIBDAUJA8JnAAAK
CRAjG68g8s99rkWyAJ9b53BhFJ6+49cr0IIZLxVBGLWnNACfX40300hx8kCLrzsH
1wm6VFjn7qg=
=q3W+
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.274. Rich Murphey <rich@FreeBSD.org>

```
pub 1024R/583443A9 1995-03-31 Rich Murphey <rich@lamprey.utmb.edu>
Key fingerprint = AF A0 60 C4 84 D6 0C 73 D1 EF C0 E9 9D 21 0
DB E4
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Version: GnuPG v1.0.6 (FreeBSD)
```

```
Comment: For info see http://www.gnupg.org
```

```
mQCNAy97V+MAAAEEALiNM3FCwm3qrCe81E20U0S1Ncl0wfZHNAY0yjlAhHeINvo1
FBF2Gd5Lbj0y8SLMno5yJ6P4F4r+x3jwHZrzAIwMs/lxDXRtB0VeVWnlj6a3Rezs
wbfaTeSVyh5JohEcKdoYiMG5wjAT0wK/NAwIPthB1RzRjnEeer3HI3ZYNE0pAAUR
tCRSAwNoIE11cnBoZXkgPHJpY2hAbGfTcHJleS51dG1iLmVkdT6JAJUDBRAve15W
vccjd1g0Q06kBAZTZBACCNd/LiVnMFURPr04pVRn1sVQeokVX7izeWQ7siE31Iy7g
Sb97WRLiEYDi686osaGfsuKNA87Rm+q5F+jxeUV4w4szoqp60gVcBd0KCB2hWrAP
/2s2qdVAXhfcoTin/Qp1ZWvXxFF7imGA/IjYIfB42VkaRYu6BwLEm3YAGfGcSw==
=QoiM
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.275. Akinori MUSHIA <knu@FreeBSD.org >

```
pub 1024D/9FD9E1EE 2000-03-21 Akinori MUSHIA <knu@and.or.jp>
    Key fingerprint = 081D 099C 1705 861D 4B70 B04A 920B EFC7 9FD9 E1EE
uid                                     Akinori MUSHIA <knu@FreeBSD.org>
uid                                     Akinori MUSHIA <knu@idaemons.org>
uid                                     Akinori MUSHIA <knu@ruby-lang.org>
sub 1024g/71BA9D45 2000-03-21
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
```

```
Version: GnuPG v1.0.6 (FreeBSD)
```

```
Comment: For info see http://www.gnupg.org
```

```
mQGiBDjXWqERBACDCxgN9+yMfpm3yvkYp+P4Uw6xxPdcZ9RvnTRkBX9zXaRgSPmM
zeZ63LpB99uVphVZrv/EdlyTf+cRdz6VXXRcTBloA/FsyY86IlubnWCH054WyXzr
7az5WB9yDbPnlwcSL919bq0UqTuQUlQswdQAoDQG5LNNZNa0T01ydYtNlwCg3weS
I/nEjRGcXGy2wrjg8LiwQ28D/Re2JHQPTYqDEZl6wj5U83wT55ChnTrjPRbGmr/C
UdJP6CZQg6+DXYGyulcp3oL4btcdFDRFglJzmQNkUYmqiVC20SMVKUctr0CAI60P
7VE40UtXz9EounPSRQ01LsdMNeRwrZ9o7IcrSj0EBw8lw3d2WxyM2Rs2crZWf0I2
mu8dA/9LbmAw5sLk5Lo5i41nAWP76pyuGxSia6zMRdML6ynoC5kmyrI9TwW5LNU/
Lsq1Ru2XSA+CwSBpTt0vdwS88dDwPGxRuUHhWVpa1M5t7K7uY0DB1cD5AyNoNnR/
lHpxfPZ0JNdA30PgfsN9K+PIuhbBU5x0NCoAcD9TEqSezfUrQfQWtpbm9yaSBN
VVNIQSA8a251QEZYzWVCU0Qub3JnPOhWBBMRagAWBQI411qhBAsKBAMDFQMCAxYC
AQIXgAAKCRCS+/Hn9nh7n1bAJ4vKEQX0JkcYgltt0Vv5qkS3bGqNgCguxfhuEzZ
vBzpAW9/XdstJA/DSPS0HUfraw5vcmkgTVVTSEEGPGtUDUBhbmQub3IuanA+iFYE
ExECABYFAjnly3oECwoEawMVAwIDFgIBAheAAAoJEJIL78ef2eHu7RoAoKn5Lw0y
C+/lju5+pV0WI5dmxTzxAKDJRtsRSTBcJ7ohvzztxZqyjfSK+bQgQWtpbm9yaSBN
VVNIQSA8a251QG1kYVWtb25zLm9yZz6IVgQTEQIAFgUC0ZGlowQLCgQDAxUDAGMW
AgECF4AACGkQkgvxx5/Z4e4t+ACgnr8RmYw81/oC7MK52CSofB9cg6sAnjKay6ho
14iMG+YcFNbjxwGvSE9EtCFBa2lub3JpIE1VU0hBIDxrbnVAcnVieS1sYw5nLm9y
Zz6IVgQTEQIAFgUC0eXLZwQLCgQDAxUDAGMWAgECF4AACGkQkgvxx5/Z4e5+zQCf
Z/09J5F0gAqw3URTTAazR6QWicG0AoJdLbCdULtE04wV+q3FRLw4RVnA8uQENBDJX
WqwQBAC090xAmKbGn9FETdMA/5abv0Y7JgNcFhQutEVnJ90mF/npBucWkCRb0r83
t+NB0h5Te+lv/c+mjPy0emfWdAK4R9zQsat+ZqATv4Vgiy0Ubj/5TPfSraNK+QkX
nxcDrhpcJXZhX6VYzbWdRSn8xSZZPT19qq0BFafz9UhZKXnLDwAEDQP/dpZe0jWw
rED/Kbyr8CDoEKuun/5gPi5xmNz9iJlyvcsd0gok7yen0HHWgdaZAGX3Gzjpb5gA
aISX/kK66s+NeM1XQ7YXpcI8naf0jPa6N3SNWjLf3xPxLbMk0SyaGnrnSQNikk/H
Bk2Nqyn0kcEaaBbdfgrkuuQWpNBDrq2Ed00IRgQYEQIABgUCONdarAAKCRCS+/H
n9nh7oxxAKC+gMyhZmSZdTvt3a2Y0RDOx5kRLACeP3JEvGZAZuo1sJeEw504+jr8
1Xo=
=M+Al
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.276. Thomas Möstl <tm@FreeBSD.org >

```
pub 1024D/419C776C 2000-11-28 Thomas Moestl <tm@FreeBSD.org>
    Key fingerprint = 1C97 A604 2BD0 E492 51D0 9C0F 1FE6 4F1D 419C 776C
uid                                     Thomas Moestl <tmoestl@gmx.net>
```

OpenPGP Keys

```
uid Thomas Moestl <t.moestl@tu-bs.de>
sub 2048g/ECE63CE6 2000-11-28
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

```
mQgIBDoj/ekRBACn084k2i5LLHZKscyV8tjQSkkr26hasdbc/uyV7HTiPhMUjEAz
Pamk+bDmy/Ls8k0SJ1l0vILBBd31G5VYtKonIrgp4vZ9gV0fBdCyFDXb8bh11Pk3
pEziG9vJevq400PvsThLKHCLNhZ5zLPp6gd0IHwRJ0LU94pouFXd33MzrwCg4gTJ
K00Dw0w1hFtUsq6WjNC+1B8D/2WiEuzBMn06gz0p/eJ1eZ7mvrBXLQZ0u5vJ3eg2
CCPrT5LZITq3ICPDN6biEiMgtRmLYn/VYvDQqxwNE0X2yMfB/9sdah45zma9EeVn
Iy8meaCFDLhm4aIYc1foUuz3WbCNljFY5xYPXCMXLkC65xdybHKng5TXh6N00wf3
PfcWBACPMotTRKttAuW5YcZE5VDrSXPYHu/jm2CpIVmrac7+kDj9pGH9sB7BdUxw
vczqtAT0jk7MrT+u3FH9wBtEFTXl7ksGTmD0FWJgYn3Z0EaVaX/OqD89UNhr0A2v
Z0aaoKMYxK/psZPdr1Ghd6BQCmYKtLB1FYiTDRM5UMVHTqN7VrQfVGHvbWfZIE1v
ZXN0bCA8dG1vZXN0bEBnbXgubmV0PohXBBMRagAXBQI6I/3pBQsHCgMEAxUDAgMW
AgECF4AACGkQH+ZPHUGcd2xMLwCfdEkPZVBgEmYnly0KfyTsLmhud0AoKDKZNXA
huNslb4KF8yKwBNRwfPStCFuaG9tYXMgTW9lc3RsIDx0Lm1vZXN0bEB0dS1icy5k
ZT6iVwQTEqIAFwUC00lFgULBwoDBAMVAwIDFgIBAheAAAoJEB/mTx1BnHds0fMA
n1xd4f7iAe6id42DLg4W3fibsCwsAJ0cT2lf08RhHkT+zLVoubyIDoY6ILQfVGhv
bWfZIE1vZXN0bCA8dG1vZQZyZWVU0Qub3JnPohXBBMRagAXBQI6p09pBQsHCgME
AxUDAgMWAgECF4AACGkQH+ZPHUGcd2z+7gCdF5fq/lebn3/gp4008xP/J0XFbiIA
oKJP186L04qpSNamc/qG3gs7h3DGuQINBDoj/wkQCAcL8M80bSTJa0Y4SgoKkGB
CkJJP5ScUpfYV9w3dxKL/77cyfghfYsnAWuA9yXJcjA0F+u+jRf8gS70aHD9H9Mm
pMGq54Aa0KUQaDbL/Jzf5zrKS/RASHzllvYXuZB10IzPfeAIXu3UaziVEGXJha3
1KgTur+TU+F94ZFTi8uApq2VoNT6sFi/V2x79bxLLFr9M9yD/0+kMZKovWR0Dy6T
gWJzzcdd//dkvKp22tNf6C2wq8Bu60cWR81+awgG2otgZjCPUs2Bwhqa5opeUqGn
J+f+PXo6+m2UF21m1vLAREnuumu6SXf3XqGIUiQbT6jCdJ0RzwaxeCiMfu0qNnUX
AAQLB/9u9gZNO0r21ZjM6ZRMDC/REouCdYHEj49+f9g/xLXCfacpWvcrK9lIrcg
hxRE2mq/nlQLeHroC3Dp1AfThKSPFX3PRD/9CcRu480imT84ljf+6vonAZ20Edm5
vV0+UoJmZQ2G+rWRRf4bDfwFoyDw3DsNmUL4yH8m2RpTxXn0pQtD2riJD8CBCXEP
K95TYT4MomJ7Szg705/QLngfw0qQdKRm1vEIP7r6t+UbVNP9+5g9qvz4aqm3beY
pw1QCDHcqpdITnLTxTdV2SgNpF8JPg7j0a0a36AxWwRzflFzyyw/JGQE8RwJa8BN
iTU0IrKuiF1biRxqiY0887GBA/8QiEYEGBECAAYFAjoj/wkACGkQH+ZPHUGcd2xN
TACgkS0AGqqd2nLtWhpbE72tD660tv8AoI24cRkUa2op32mti5zfLLMsM4AZ
=76Wn
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.277. Masafumi NAKANE <max@FreeBSD.org >

```
pub 1024D/CE356B59 2000-02-19 Masafumi NAKANE <max@wide.ad.jp>
Key fingerprint = EB40 BCAB 4CE5 0764 9942 378C 9596 159E ☞
CE35 6B59
uid Masafumi NAKANE <max@FreeBSD.org>
uid Masafumi NAKANE <max@accessibility.org>
org>
uid Masafumi NAKANE <kd5pdi@qsl.net>
sub 1024g/FA9BD48B 2000-02-19
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.2 (FreeBSD)

mQGibDiuMYURBACEgL3d4mL0pojuggj8TZFEQef+MKkXB3lazrqV2ahgWqt6K24qr
5fZrGkI8vxmYR4VkiLeLfe0Q4LoBZiFL5nJYEvMvWPmdLuYjp4iwiGbdzLnwr59+
k8+T/fohGD0qx45voCdq68Jmxg283zFGQ4FChMP3ZML0PmFRip01C84xxwCguNFG
BVPeuM0y7JH0ucRygUqc4acd/jfe/UEjGBWx0CfZYOnXEp4NXWis3xRyUD03cuoG
8M8MEmg0dX0onFuNU5yrEBFtzPw2G06DMM8h5hJXdsWkiyusn05PGk/jVSP9/MD5
TYyqKL1tG/fKUgtevZSi7o1x/N0bgIBqmd30Cqx29p7juVV+SBCKCRT1ql0z6fc
a5B6A/wJD5n3H0AStsWpZ6To/Apdb4A3PD4+ePfQxSICsHCFg/M04FkrG48So2qc
7dSq6UH3xLsoiRIUonwCQsT+PaQQMrZNKjfal9xlEFfw1TV/squ+ONE8E24Lkzxt
8Kkn86Ec5uiUlRuLSMG9HJuwM+9Qu7TF76FWP8lVp6ELkYCGrQhTWfzYWZ1bWkg
TkFLQU5FIDxtYXhARnJLZUJTRC5vcmc+iFcEEExECABcFAjv4RDQFCwcKAwQDFQMC
AXYCAQIXgAAKCRCLhWezjVrWUEIAKCGwVSawCg1Lzrbf8uZdMAfe0WFXQCd7EF
tsdhbEV62A0UEQQWP9de100J01hc2FmdW1pIE5BS0F0RSA8bWF4QGFjY2Vzc2li
aWxpdkHkub3JnPohXBBMRagAXBQI7+ERfBQsHCgMEAxUDAgMwAgECF4AACgkQLZYV
ns41a1lUuwCgsIhWJdtPBebkV6w+NQ/8jlkJgrwAnj9lZkiTAgl1E/vcF7yPbY7f
HlHetCBNYXNhZnVtaSB0QUtBTkUgPGtkNXBkaUBxc2wubmV0PohXBBMRagAXBQI7
+ESBBQsHCgMEAxUDAgMwAgECF4AACgkQLZYVns41a1nV1ACggYgtKhaprmMs30oz
yoC0NatFJ44AoI0XSPH2G9zHEjF8AyAe6sVCLqvtCBNYXNhZnVtaSB0QUtBTkUg
PG1heEB3aWRLmFkLmpwPohXBBMRagAXBQI7+EljBQsHCgMEAxUDAgMwAgECF4AA
CgkQLZYVns41a1lYrCcC8l4PdrwHKNrZLTW6vod6kYgR3YAni8iLUZW5Se6nTH9
WuN0XYPPZRG5uQENBDiuMdYQBADVzBBn5+1UQVCLS5ly6eCD3TidT/uJAr+eeiWZ
IbTmXrLtNm5rGs70T9QYNLhCFFPYKJxa9hFbrGpgerEFnqBfxcBMLa/wyIm9m/l
MI+NNCAU4IpgDwtgjf1kjjwnJPwH69YzcqS2jLEKIjKcRea/Bpr1Nvo4aLvqlTR8
tJh+lwAECwP/YBMEWx/zgTvS3Jtji6nPceRe8icGRhb4SD7MVf/WxYu5VK7wlmuw
9I9WXnHyYaL4c6Q49FAvwhkppByqJFL0txyJ8+nNa6H5mit8m6dcsCMG3NzyvxBP
082h/MWbJn3Xdg89lp4UG3UP8sVloWyIchd8rqxFk/EVB7fVQWNz/gKIRgQYEFIA
BgUCOK4x1gAKCRCVlhWezjVrWUlcAJ467I5lFNlkwcENe5vND+DPaWyreQCfdd0u
6Va2/bf7Ln4TKyl17uRro7Y=
=VmY5
-----END PGP PUBLIC KEY BLOCK-----
```

3.278. Maho Nakata <maho@FreeBSD.org >

```
pub 1024D/F28B4069 2009-02-09
    Key fingerprint = 3FE4 99A9 6F41 8161 4F5F 240C 8615 A60C 3
F28B 4069
uid Maho NAKATA (NAKATA's FreeBSD.org alias) 3
<maho@FreeBSD.org>
sub 2048g/6B49098E 2009-02-09
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGibEmPtPKrBADEcSQQGME+Df6I9jnJUBNMxvX8aMAH0+SKJEn0xTZvu9WLQmJv
Bx1Hh6AN8fD700NFByGsDAXbbgFnwxc/KPBctXHUxoTE3lRTRfwYJJKIKvrDhFjr
qDwWlJ9TsUn/pDsBflPfe57okB1PgSywTLGLuur0aT7oda6Z2K0F0iALVwCgn/b2
7R19gm0uKjzsEPejaFw6LZMD+wQK4qETfFRdqRoVRnzzpTa+xa60kQxxsIeibffy
dovqH7HIWeqIQdWls17zmbMc7auNliYn7VJ1bQ2C5SkojMUqgEsVle/8gfe0cWhS
2jJ8A3Xg+/IzYwj+TtlWqUkzx/b1Ck8v/9aRmLtTn090dC8H9Nu1onF3Cp0WqsiN
gwNHA/4+8w5D5gouNWfuYkkzoQQ2jIFJ4zhe0Gcb2MirqKrf0N40N0cYFLi4eJ8F
```



```

W1DADQbQj fMMLYAkNm7MBpsagTqjS9MniPVygYUure/xMx0tszvWdGdRSjEY/5U
AXoCevBci0meKTm5ZSDb2RP0LeZF/z0V82IY3T+0KXTHcLSeubQ7TWfobyB0QUtB
VEEGeKESBS0FUQSDzIEZYWVCU0Qub3JnIGFsaWFzKSA8bWfob0BGcmVlQlNELm9y
Zz6IYAQTEQIAIAUCSY+0+QibAwYLCQgHAWIEFQIIAwQWAgMBAh4BAheAAAJEiYV
pgzyi0Bpf4UAnj0qrSHlb4NdW+uLVFu3o8W1hbTKAJwIdn91S2W9V3ueKsbFqq62
8dPYsbkCDQRJj7T5EAgAuaHr5IuEXaxoUcoZryGZweRs+G20h+jSMiVMAVBGMZJ1
iov7vSypm1EF6/c030+rn+Zcpuf4XKPP3TK1oKwLIYRgdkvTWwzVc/PGWRHDr6/S
fo1B8/jr9tWw50p+s+KZoMPV/Rdz84AN8bNZVAMxNWxooYrGMxMvEDg3rX8KZW57
25KF+GLYYBoIXxatMYGLZKz2lcaeD7Mf9EFs9jtpyZ2lhlXjWu3NZBdf4ClzWt/C
uQI2mM2oEX6oZEDCgWvGoIPKzMruI/lAPi8I4Q9A3fH7azEz/BHW6yqLcXfmUrMe
jsGTS/ovpV/dyxqNzsVpt203ZBxSSkSj00M040zB0wADBQf+LVc888G6GxeCJGxp
X+uACx6ziuaG02AivfUWN2KLDEpiChWkF1L4FBE6mKm2l9ZloNyisnL8nvC/lmes
whiTQkiVgB014EDhR7IoljZQJwpJqWC6HCwED08In20/fI4JX3XiPbUzYsMQSpd0
tMMBVbWkB3m8SnTaF7cnYrZVGL2oCrBxfbYyhDtxmGnD3q1/me7dixUJLbEHSmj
wXv0RtzMuAdmNuz3RkKEKrtHXgqtqYluZwb3VNlRa9T/MxMYMfMA9V8IYw4gQkM0
xEM4U0UuweNyXRUSyuvCLQJthhWiw+Yfi9ATzdbnbwhlrrwV0oIhcM4QHBgPhnir
vrn/k4hJBBgRagAJBQJj7T5AhsMAAoJEiYVpgzyi0BpqXQAnjkUg0mypy8bF5kd
ZDVC/M0s8sUfAJwIJuJHTepRSP6qVzKiXF5TRMt2A==
=Rtch
-----END PGP PUBLIC KEY BLOCK-----

```

3.279. Yoichi NAKAYAMA <yoichi@FreeBSD.org>

```

pub 1024D/E0788E46 2000-12-28 Yoichi NAKAYAMA <yoichi@assist.media.ug
nagoya-u.ac.jp>
    Key fingerprint = 1550 2662 46B3 096C 0460 BC03 800D 0C8A 0
E078 8E46
uid                               Yoichi NAKAYAMA <yoichi@eken.phys.ug
nagoya-u.ac.jp>
uid                               Yoichi NAKAYAMA <yoichi@FreeBSD.org>
sub 1024g/B987A394 2000-12-28

```

```

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (GNU/Linux)
Comment: KUHASIKU WA http://www.gnupg.org/ WO GORANKUDASAI

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-----END PGP PUBLIC KEY BLOCK-----
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3.280. Edward Tomasz Napierala <trasz@FreeBSD.org >

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pub 1024D/8E53F00E 2007-04-13
    Key fingerprint = DD8F 91B0 12D9 6237 42D9 DBE1 AFC8 CDE9 8E53 F00E
uid Edward Tomasz Napierala <trasz@FreeBSD.org>
sub 2048g/7C1F5D67 2007-04-13
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3.281. Neel Natu <neel@FreeBSD.org >

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pub 2048R/8E023181B17DA72B 2014-09-25 [expires: 2017-09-24]
    Key fingerprint = 1251 B214 E559 D763 A12C 96F4 8E02 3181 3
B17D A72B
uid                               Neel Natu <neel@freebsd.org>
sub 2048R/1F906913DB152E10 2014-09-25 [expires: 2017-09-24]
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3.282. David Naylor <dbn@FreeBSD.org >

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pub 4096R/35C84A0DEC1D97CD 2014-03-06 [expires: 2019-03-05]
    Key fingerprint = A372 D3E1 D587 2D99 A5FF F243 35C8 4A0D 3
EC1D 97CD
uid                               David Naylor (Private) <naylor.b.3
david@gmail.com>
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uid          David Naylor (FreeBSD) <dbn@freebsd.org>
sub  4096R/AD63FA8DD6B2DA55 2014-03-06 [expires: 2015-03-06]
      Key fingerprint = 948E C511 A27F 0302 E799 B53A AD63 FA8D  D6B2 DA55
sub  4096R/88D62359F19D95D0 2014-03-06 [expires: 2015-03-06]
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=am/i
-----END PGP PUBLIC KEY BLOCK-----
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3.283. Alexander Nedotsukov <bland@FreeBSD.org >

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pub 1024D/D004116C 2003-08-14 Alexander Nedotsukov <bland@FreeBSD.org>
Key fingerprint = 35E2 5020 55FC 2071 4ADD 1A4A 86B6 8A5D 0
D004 116C
sub 1024g/1CCA8D46 2003-08-14
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-----END PGP PUBLIC KEY BLOCK-----
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3.284. George V. Neville-Neil <gnn@FreeBSD.org>

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pub 1024D/440A33D2 2002-09-17
    Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1 3
440A 33D2
uid George V. Neville-Neil <gnn@freebsd.org>
uid George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17
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-----END PGP PUBLIC KEY BLOCK-----

3.285. Simon L. B. Nielsen <simon@FreeBSD.org>

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pub 1024D/FF7490AB 2007-01-14
    Key fingerprint = 4E92 BA8D E45E 85E2 0380 B264 049C 7480 3
FF74 90AB
uid Simon L. Nielsen <simon@FreeBSD.org>
uid Simon L. Nielsen <simon@nitro.dk>
sub 2048g/E3F5A76E 2007-01-14
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-----END PGP PUBLIC KEY BLOCK-----

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3.286. Robert Noland <rnoland@FreeBSD.org>

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pub 1024D/8A9F44E3 2007-07-24
Key fingerprint = 107A 0C87 E9D0 E581 677B 2A28 3384 EB43  8A9F 44E3
uid Robert C. Noland III <rnoland@FreeBSD.org>
uid Robert C. Noland III (Personal Key)  8A9F 44E3
<rnoland@2hip.net>
sub 2048g/76C3CF00 2007-07-24

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-----END PGP PUBLIC KEY BLOCK-----
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3.287. Anders Nordby <anders@FreeBSD.org >

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pub 1024D/00835956 2000-08-13 Anders Nordby <anders@fix.no>
    Key fingerprint = 1E0F C53C D8DF 6A8F EAAD 19C5 D12A BC9F 0
0083 5956
uid Anders Nordby <anders@FreeBSD.org>
sub 2048g/4B160901 2000-08-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.288. Michael Nottebrock <lofi@FreeBSD.org >

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pub 1024D/6B2974B0 2002-06-06 Michael Nottebrock <
<michaelnottebrock@gmx.net>
    Key fingerprint = 1079 3C72 0726 F300 B8EC 60F9 5E17 3AF1 <
6B29 74B0
uid Michael Nottebrock <lofi@freebsd.org>
uid Michael Nottebrock <lofi@tigress.com>
uid Michael Nottebrock <lofi@lofi.dyndns.>
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<michaelnottebrock@meitner.wh.uni-dortmund.de>
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3.289. David O'Brien <obrien@FreeBSD.org>

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pub 1024R/34F9F9D5 1995-04-23 David E. O'Brien <defunct - @
obrien@Sea.Legent.com>

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Key fingerprint = B7 4D 3E E9 11 39 5F A3 90 76 5D 69 58 D9 98 7A
uid          David E. O'Brien <obrien@NUXI.com>
uid          deobrien@ucdavis.edu
uid          David E. O'Brien <whois Do38>
uid          David E. O'Brien <obrien@FreeBSD.org>
uid          David E. O'Brien <dobrien@seas.gwu.edu>
uid          David E. O'Brien <obrien@cs.ucdavis.edu>
uid          David E. O'Brien <defunct - obrien@media.sra.com>
uid          David E. O'Brien <obrien@elsewhere.roanoke.va.us>
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pub 1024D/7F9A9BA2 1998-06-10 "David E. O'Brien" <obrien@cs.ucdavis.edu>
Key fingerprint = 02FD 495F D03C 9AF2 5DB7 F496 6FC8 DABD 7F9A 9BA2
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Version: GnuPG v1.0.6 (FreeBSD)
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3.290. Jimmy Olgeni <olgeni@FreeBSD.org >

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pub 4096R/FCDB3E82F778D8D7 2013-11-10 [expires: 2016-11-10]
    Key fingerprint = EE37 B427 91C5 7707 EC54 064A FCDB 3E82 5
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uid Jimmy Olgeni <olgeni@FreeBSD.org>
sub 4096R/4B2EC123F42A1D2C 2013-11-10 [expires: 2016-11-10]

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3.291. Philip Paeps <philip@FreeBSD.org>

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pub 4096R/BB5E2C462A0FA8B0 2013-12-19 [expires: 2016-01-01]
    Key fingerprint = 73C5 0671 B4B6 7E19 1BAD F87A BB5E 2C46 7
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uid Philip Paeps <philip@trouble.is>
uid Philip Paeps <philip@paeps.cx>
uid Philip Paeps <philip@nixsys.be>
uid Philip Paeps <philip@fosdem.org>
uid Philip Paeps <philip@freebsd.org>
sub 4096R/5E0637B4BCF333B4 2013-12-19 [expires: 2016-01-01]
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3.292. Josh Paetzel <jpaetzel@FreeBSD.org>

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3.293. Gábor Páli <pgj@FreeBSD.org >

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N3RgYC2GqFikjAA7y3ldPS6hr07oXENSi3+EcNvb
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-----END PGP PUBLIC KEY BLOCK-----

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3.294. Hiren Panchasara <hiren@FreeBSD.org >

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pub 2048R/8B9250E1563EDFE5 2014-05-13 [expires: 2017-05-12]
    Key fingerprint = A4E2 0FA1 D878 8F3F 17E6 6F02 8B92 50E1 563E DFE5
uid                               hiren panchasara <hiren@freebsd.org>
sub 2048R/EAF1BEDEBEEA242B 2014-05-13 [expires: 2017-05-12]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.295. Hiten Pandya <hmp@FreeBSD.org>

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pub 1024D/938CACA8 2004-02-13 Hiten Pandya (FreeBSD) <hmp@FreeBSD.org>
Key fingerprint = 84EB C75E C75A 50ED 304E E446 D974 7842 5
938C ACA8
uid Hiten Pandya <hmp@backplane.com>
sub 2048g/783874B5 2004-02-13
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=rF4D
-----END PGP PUBLIC KEY BLOCK-----
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3.296. Dima Panov <fluffy@FreeBSD.org >

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pub 1024D/93E3B018 2006-11-08
    Key fingerprint = C73E 2B72 1FFD 61BD E206 1234 A626 76ED 93E3 B018
uid                               Dima Panov (FreeBSD.ORG Committer) <
<fluffy@FreeBSD.ORG>
uid                               Dima Panov (at home) <Fluffy@Fluffy.Khv.RU>
uid                               Dima Panov (at home) <fluffy.khv@gmail.com>
sub 2048g/89047419 2006-11-08

pub 4096R/D5398F29 2009-08-09
    Key fingerprint = 2D30 2CCB 9984 130C 6F87 BAFC FB8B A09D D539 8F29
uid                               Dima Panov (FreeBSD.ORG Committer) <
<fluffy@FreeBSD.ORG>
uid                               Dima Panov (at Home) <fluffy@Fluffy.Khv.RU>
uid                               Dima Panov (at Gmail) <fluffy.khv@gmail.com>
sub 4096R/915A7785 2009-08-09
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=Jlk7
-----END PGP PUBLIC KEY BLOCK-----
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3.297. Andrew Pantyukhin <sat@FreeBSD.org >

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pub 1024D/6F38A569 2006-05-06
    Key fingerprint = 4E94 994A C2EF CB86 C144 3B04 3381 67C0 6F38 A569
uid Andrew Pantyukhin <infofarmer@gubkin.ru>
uid Andrew Pantyukhin <sat@FreeBSD.org>
uid Andrew Pantyukhin <infofarmer@gmail.com>
uid Andrew Pantyukhin <infofarmer@mail.ru>
sub 2048g/5BD4D469 2006-05-06
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3.299. Roger Pau Monné <royger@FreeBSD.org>

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pub 2048R/A5D976A532BA64C0 2012-07-10
    Huella de clave = F443 1572 D188 7D22 3605 A2A6 A5D9 76A5 32BA 64C0
uid Roger Pau Monné <roger.pau@citrix.com>
uid Roger Pau Monné <royger@NetBSD.org>
uid Roger Pau Monné <roger.pau@entel.upc.edu>
uid Roger Pau Monné <royger@FreeBSD.org>
uid Roger Pau Monne (NetBSD) <royger.pau@citrix.com>
sub 2048R/6927D92634ED085B 2012-07-10
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3.300. Rui Paulo <rpaulo@FreeBSD.org>

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pub 4096R/39CB4153 2010-02-03
    Key fingerprint = ABE8 8465 DE8F F04D E9C8 3FF6 AF89 B2E6 39CB 4153
uid                               Rui Paulo <rpaulo@FreeBSD.org>
uid                               Rui Paulo <rpaulo@gmail.com>
sub 4096R/F87D2F34 2010-02-03

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3.301. Jean-Sébastien Pédron <dumbbell@FreeBSD.org >

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pub 4096R/D938F9C86816981C 2014-01-14 [expires: 2017-01-16]
    Key fingerprint = D72F 4B84 7098 9244 20E6 2B93 D938 F9C8  6816 981C
uid                               Jean-Sébastien Pédron <jean-sebastien.  6816 981C
pedron@dumbbell.fr>
uid                               Jean-Sébastien Pédron  6816 981C
<dumbbell@FreeBSD.org>
sub 4096R/A185D28321B02B03 2014-01-14 [expires: 2017-01-16]
    Key fingerprint = FDC4 0948 8453 5198 3EA1 5F56 A185 D283  21B0 2B03
sub 4096R/39E99761A5FD94CC 2014-01-14 [expires: 2017-01-16]
    Key fingerprint = 6708 7FD1 AEAE 0E12 DBC6 A6F0 39E9 9761  21B0 2B03
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-----END PGP PUBLIC KEY BLOCK-----
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3.302. Mark Peek <mp@FreeBSD.org >

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pub 1024D/330D4D01 2002-01-27 Mark Peek <mp@FreeBSD.org>
    Key fingerprint = 510C 96EE B4FB 1B0A 2CF8 A0AF 74B0 0B0E 330D 4D01
sub 1024g/9C6CAC09 2002-01-27
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.303. Peter Pentchev <roam@FreeBSD.org>

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pub 1024D/16194553 2002-02-01
Key fingerprint = FDA8 FD79 C26F 3C51 C95E DF9E ED18 B68D 5
1619 4553
uid Peter Pentchev <roam@ringlet.net>
uid Peter Pentchev <roam@cnsys.bg>
uid Peter Pentchev <roam@sbnd.net>
uid Peter Pentchev <roam@online.bg>
uid Peter Pentchev <roam@orbitel.bg>
uid Peter Pentchev <roam@FreeBSD.org>
uid Peter Pentchev <roam@techlab.office1.bg>
uid Peter Pentchev <roam@hoster.bg>
uid Peter Pentchev <roam@space.bg>
sub 1024g/7074473C 2002-02-01

pub 4096R/2527DF13 2009-10-16
Key fingerprint = 2EE7 A7A5 17FC 124C F115 C354 651E EFB0 5
2527 DF13
uid Peter Pentchev <roam@ringlet.net>
uid Peter Pentchev <roamer@users.sourceforge.net>
uid Peter Pentchev <roam@cpan.org>
uid Peter Pentchev <roam@cnsys.bg>
uid Peter Pentchev <roam@sbnd.net>
uid Peter Pentchev <roam@online.bg>
uid Peter Pentchev <roam@orbitel.bg>
uid Peter Pentchev <roam@FreeBSD.org>
uid Peter Pentchev <roam@techlab.office1.bg>
uid Peter Pentchev <roam@hoster.bg>
uid Peter Pentchev <roam@space.bg>
uid Peter Pentchev <roam-guest@alioth.debian.org>
uid Peter Pentchev <ppentchev@alumni.princeton.edu>
sub 4096R/D0B337AA 2009-10-16
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-----END PGP PUBLIC KEY BLOCK-----

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3.304. Denis Peplin <den@FreeBSD.org>

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pub 1024D/485DDDF5 2003-09-11 Denis Peplin <den@FreeBSD.org>
    Key fingerprint = 495D 158C 8EC9 C2C1 80F5 EA96 6F72 7C1C 5
485D DDF5
sub 1024g/E70BA158 2003-09-11

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3.305. Christian S.J. Peron <csjp@FreeBSD.org>

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pub 1024D/033FA33C 2009-05-16
    Key fingerprint = 74AA 6040 89A7 936E D970 DDC0 CC71 6954 5
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uid Christian S.J. Peron <csjp@FreeBSD.ORG>
sub 2048g/856B194A 2009-05-16

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3.306. Gerald Pfeifer <gerald@FreeBSD.org>

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pub 1024D/A5B3A004745C015A 1999-11-09
    Key fingerprint = B215 C163 3BCA 0477 615F 1B35 A5B3 A004 745C 015A
uid Gerald Pfeifer <gerald@pfeifer.com>
uid Gerald Pfeifer <gp@suse.com>
uid Gerald Pfeifer <gp@novell.com>
uid Gerald Pfeifer <gerald@FreeBSD.org>
sub 1536g/00EAD7F3F0156927 1999-11-09
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8B9F 4B8B
uid Giuseppe Pilichi (Jacula Modyun) 3
<jacula@FreeBSD.org>
uid Giuseppe Pilichi (Jacula Modyun) 3
<jaculamodyun@gmail.com>
uid Giuseppe Pilichi (Jacula Modyun) <gpilch@gmail.3
com>
uid Giuseppe Pilichi (Jacula Modyun) <jacula@gmail.3
com>
sub 4096R/FB4D05A3 2006-03-08

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

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3.308. John Polstra <jdp@FreeBSD.org >

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pub 1024R/BFBCF449 1997-02-14 John D. Polstra <jdp@polstra.com>
Key fingerprint = 54 3A 90 59 6B A4 9D 61 BF 1D 03 09 35 8D 0
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Version: GnuPG v1.0.6 (FreeBSD)

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Comment: For info see <http://www.gnupg.org>

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3.309. Kirill Ponomarew <krion@FreeBSD.org>

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pub 1024D/AEB426E5 2002-04-07
    Key fingerprint = 58E7 B953 57A2 D9DD 4960 2A2D 402D 46E9 5
AEB4 26E5
uid Kirill Ponomarew <krion@voodoo.bawue.com>
uid Kirill Ponomarew <krion@guug.de>
uid Kirill Ponomarew <krion@FreeBSD.org>
sub 1024D/05AC7CA0 2006-01-30 [expires: 2008-01-30]
sub 2048g/C3EE5537 2006-01-30 [expires: 2008-01-30]
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3.310. Stephane E. Potvin <sepotvin@FreeBSD.org >

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OpenPGP Keys

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-----END PGP PUBLIC KEY BLOCK-----

3.311. Mark Pulford <markp@FreeBSD.org >

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pub 1024D/182C368F 2000-05-10 Mark Pulford <markp@FreeBSD.org>
    Key fingerprint = 58C9 C9BF C758 D8D4 7022 8EF5 559F 7F7B 182C 368F
uid                                     Mark Pulford <mark@kyne.com.au>
sub 2048g/380573E8 2000-05-10
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.312. Alejandro Pulver <alepulver@FreeBSD.org >

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pub 1024D/945C3F61 2005-11-13
    Key fingerprint = 085F E8A2 4896 4B19 42A4 4179 895D 3912 945C 3F61
uid                                     Alejandro Pulver (Ale's GPG key pair) <alepulver@FreeBSD.org>
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uid      Alejandro Pulver (Ale's GPG key pair) ǵ
<alejandros@varnet.biz>
sub      2048g/6890C6CA 2005-11-13
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3.313. Thomas Quinot <thomas@FreeBSD.org >

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pub      4096R/9495D5E10F2C905E 2014-05-14 [expires: 2018-05-13]
Key fingerprint = 6048 5466 BE2C 284C C140 FFE9 9495 D5E1 ǵ
0F2C 905E
uid      Thomas Quinot <thomas@quinot.org>
uid      Thomas Quinot <thomas@cuivre.fr.eu.org>
uid      Thomas Quinot (FreeBSD) ǵ
<thomas@freebsd.org>
sub      4096R/DF8E0B5C7CC62EF2 2014-05-14 [expires: 2016-05-13]
sub      4096R/4FC12CCCCDF5176B 2014-05-14 [expires: 2016-05-13]
sub      4096R/4B31C02F7F15353F 2014-05-14 [expires: 2016-05-13]
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3.314. Herve Quiroz <hq@FreeBSD.org>

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-----END PGP PUBLIC KEY BLOCK-----

```

3.315. Doug Rabson <dfr@FreeBSD.org >

```

pub 1024D/59F57821 2004-02-07
    Key fingerprint = 9451 C4FE 1A7E 117B B95F 1F8F B123 456E 3
59F5 7821
uid Doug Rabson <dfr@nlsystems.com>
sub 1024g/6207AA32 2004-02-07

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

3.316. Lars Balker Rasmussen <lbr@FreeBSD.org >

```
pub 1024D/9EF6F27F 2006-04-30
    Key fingerprint = F251 28B7 897C 293E 04F8 71EE 4697 F477 9EF6 F27F
uid Lars Balker Rasmussen <lbr@FreeBSD.org>
sub 2048g/A8C1CFD4 2006-04-30
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-----END PGP PUBLIC KEY BLOCK-----
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3.317. Chris Rees <crees@FreeBSD.org >

```
pub 2048R/1E12E96A 2012-08-26
    Key fingerprint = 8C57 BE3B D320 5FFC C4C3 C0B0 900F 45A6 1E12 E96A
uid Chris Rees <crees@FreeBSD.org>
sub 2048R/C10740CD 2012-08-26 [expires: 2013-08-26]
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-----END PGP PUBLIC KEY BLOCK-----

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3.318. Jim Rees <rees@FreeBSD.org >

```

pub 512/B623C791 1995/02/21 Jim Rees <rees@umich.edu>
    Key fingerprint = 02 5F 1B 15 B4 6E F1 3E F1 C5 E0 1D 0A
EA CC 17 88

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Version: GnuPG v1.0.7 (OpenBSD)

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-----END PGP PUBLIC KEY BLOCK-----
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3.319. Michael Reifengerber <mr@FreeBSD.org >

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pub 4096R/335E9D48E27A80A0 2013-11-04 [verfllt: 2018-11-03]
Schl.-Fingerabdruck = 8695 9903 4744 6EF8 E18D 177C 335E 9D48 3
E27A 80A0
uid Michael Reifengerber <mr@freebsd.org>
uid Michael Reifengerber 3
<mike@reifengerber.com>
sub 4096R/898AF56CFE7CD649 2013-11-04 [verfllt: 2018-11-03]
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-----END PGP PUBLIC KEY BLOCK-----

```

3.320. Benedict Reuschling <bcr@FreeBSD.org >

```

pub 2048R/041ADF59DB3C3D8B 2013-12-23 [expires: 2018-12-22]
    Key fingerprint = AC98 CBE5 7865 7295 A5C8 6AB3 041A DF59 3
DB3C 3D8B
uid Benedict Reuschling <bcr@FreeBSD.org>
sub 2048R/07BCC4D75C7FCDEC 2013-12-23 [expires: 2018-12-22]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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```

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=ZHS6
-----END PGP PUBLIC KEY BLOCK-----
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3.321. Tom Rhodes <trhodes@FreeBSD.org>

```
pub 1024D/FB7D88E1 2008-05-07
    Key fingerprint = 8279 3100 2DF2 F00E 7FDD AC2C 5776 23AB 7
FB7D 88E1
uid Tom Rhodes (trhodes) <trhodes@FreeBSD.org>
sub 4096g/7B0CD79F 2008-05-07
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Version: GnuPG v2.0.9 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.322. Benno Rice <benno@FreeBSD.org >

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pub 4096R/B8DAD01271A4B35E 2013-11-23 [expires: 2017-11-23]
    Key fingerprint = 01FE FD73 9E5B 6F14 5FCB 47F5 B8DA D012 71A4 B35E
uid Benno Rice <benno@jeamland.net>
uid Benno Rice <benno@FreeBSD.org>
sub 4096R/9AE831D60E72927F 2013-11-23 [expires: 2017-11-23]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - http://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----

```

3.323. Beech Rintoul <beech@FreeBSD.org >

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pub      2048D/68DFAE1F 2013-02-26
          Key fingerprint = D58B 3E9D B0E3 E081 EC6F  69D9 CDA3 51DD  3
68DF AE1F
uid              Beech Rintoul <beech@freebsd.org>
sub      2048g/960F45D9 2013-02-26

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3.324. Matteo Riondato <matteo@FreeBSD.org >

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3.325. Ollivier Robert <roberto@FreeBSD.org>

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3.326. Craig Rodrigues <rodrigc@FreeBSD.org>

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3.327. Bartek Rutkowski <robak@FreeBSD.org>

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pub 4096R/280E1199 2013-06-17 [expires: 2017-06-17]
    Key fingerprint = D292 1363 AE61 D2BE 1740 9ED2 D99F C356 5
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OpenPGP Keys

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uid          Bartek Rutkowski <robak@freebsd.org>
uid          Bartek Rutkowski <contact@robakdesign.com>
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sub 4096R/36F01FFE 2013-06-17 [expires: 2017-06-17]
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Version: GnuPG/MacGPG2 v2.0.22 (Darwin)

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-----END PGP PUBLIC KEY BLOCK-----

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3.328. Guido van Rooij <guido@FreeBSD.org >

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pub 1024R/599F323D 1996-05-18 Guido van Rooij <guido@gvr.org>
    Key fingerprint = 16 79 09 F3 C0 E4 28 A7 32 62 FA F6 60 31 3
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pub 1024D/A95102C1 2000-10-25 Guido van Rooij <guido@madison-
gurkha.nl>
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Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.329. Eygene Ryabinkin <rea@FreeBSD.org >

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pub      3072D/8152ECFB 2010-10-27
          Key fingerprint = 82FE 06BC D497 C0DE 49EC  4FF0 16AF 9EAE  3
8152 ECFB
uid      Eygene Ryabinkin <rea-fbsd@codelabs.ru>
uid      Eygene Ryabinkin <rea@freebsd.org>
uid      Eygene Ryabinkin <rea@codelabs.ru>
sub      3072g/5FC03749 2010-10-27

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-----END PGP PUBLIC KEY BLOCK-----
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3.330. Aleksandr Rybalko <ray@FreeBSD.org >

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pub 2048R/4B7B7A4E 2011-05-24
Key fingerprint = BB9F D01D 7327 0B33 B2F5 6C72 EC49 E6ED 4B7B 7A4E
uid Aleksandr Rybalko (Aleksandr Rybalko FreeBSD
project identification) <ray@freebsd.org>
sub 2048R/99F9F9EF 2011-05-24
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-----END PGP PUBLIC KEY BLOCK-----
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3.331. Niklas Saers <niklas@FreeBSD.org>

```
pub 1024D/C822A476 2004-03-09 Niklas Saers <niklas@saers.com>
    Key fingerprint = C41E F734 AF0E 3D21 7499 9EB1 9A31 2E7E 5
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sub 1024g/81E2FF36 2004-03-09
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-----END PGP PUBLIC KEY BLOCK-----
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3.332. Boris Samorodov <bsam@FreeBSD.org>

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pub 4096R/960E20B03A3F6D28 2013-11-22 [expires: 2018-11-21]
    Key fingerprint = 8848 3672 3C1B C02B EA0B 5674 960E 20B0 5
3A3F 6D28
uid Boris Samorodov <bsam@FreeBSD.org>
uid Boris Samorodov <bsam@passap.ru>
sub 4096R/41BFAE676CF00B2D 2013-11-22 [expires: 2018-11-21]
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3.333. Mark Santcroos <marks@FreeBSD.org >

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pub      1024D/DBE7EB8E 2005-03-08
          Key fingerprint = C0F0 44F3 3F15 520F 6E32  186B BE0A BA42  3
DBE7 EB8E
uid           Mark Santcroos <marks@ripe.net>
uid           Mark Santcroos <mark@santcroos.net>
uid           Mark Santcroos <marks@freebsd.org>
sub      2048g/FFF80F85 2005-03-08

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IdA=
=F4/l
-----END PGP PUBLIC KEY BLOCK-----
```

3.334. Alonso Schaich <alonso@FreeBSD.org>

```
pub 2048R/FF8F6B6D0AACFC67 2014-08-27 [expires: 2017-08-26]
    Key fingerprint = FED5 7BC8 DEB9 94D9 B52C 0A35 FF8F 6B6D 0AAC FC67
uid
    Alonso Schaich <alonso@freebsd.org>
sub 2048R/34F58C3CB680DE68 2014-08-27 [expires: 2017-08-26]
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-----END PGP PUBLIC KEY BLOCK-----
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3.335. Bernhard Schmidt <bschmidt@FreeBSD.org>

```
pub 1024D/5F754FBC 2009-06-15
    Key fingerprint = 6B87 C8A9 6BA5 6B18 11CF 8C38 A1B7 0731 5F75 4FBC
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OpenPGP Keys

```
uid          Bernhard Schmidt <bschmidt@FreeBSD.org>
uid          Bernhard Schmidt <bschmidt@techwires.net>
sub 1024g/1945DC1D 2009-06-15
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

3.336. Wolfram Schneider <wosch@FreeBSD.org >

```
Type Bits/KeyID      Date      User ID
pub 1024/2B7181AD 1997/08/09 Wolfram Schneider <wosch@FreeBSD.org>
Key fingerprint = CA 16 91 D9 75 33 F1 07 1B F0 B4 9F 3E 95 B6 09
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-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: 2.6.3ia

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-----END PGP PUBLIC KEY BLOCK-----

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3.337. Ed Schouten <ed@FreeBSD.org >

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pub 4096R/3491A2BB 2011-03-12 [expires: 2016-03-10]
    Key fingerprint = A110 5982 A887 74A2 F4B1 D70A 6E5E D8FE  3
3491 A2BB
uid                               Ed Schouten (The FreeBSD Project) <ed@FreeBSD.org>
org>
uid                               Ed Schouten <ed@80386.nl>
sub 4096R/81BB41E6 2011-03-12 [expires: 2016-03-10]

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=FiVI
-----END PGP PUBLIC KEY BLOCK-----

```

3.338. David Schultz <das@FreeBSD.org >

```

pub 1024D/BE848B57 2001-07-19 David Schultz <das@FreeBSD.ORG>
Key fingerprint = 0C12 797B A9CB 19D9 FDAF 2A39 2D76 A2DB 8
BE84 8B57
uid David Schultz <dschultz@uclink.Berkeley.EDU>
uid David Schultz <das@FreeBSD.ORG>
sub 2048g/69206E8E 2001-07-19

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-----END PGP PUBLIC KEY BLOCK-----
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3.339. Michael Scheidell <scheidell@FreeBSD.org>

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pub  2048R/34622C1D 2011-11-16
    Key fingerprint = 0A0C 9ECA 18EC 47AC C715  2187 91B9 F9FE  3462 2C1D
uid                               Michael Scheidell <scheidell@freebsd.org>
sub  2048R/8F241971 2011-11-16
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-----END PGP PUBLIC KEY BLOCK-----

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3.340. Jens Schweikhardt <schweikh@FreeBSD.org >

```

pub 1024D/0FF231FD 2002-01-27 Jens Schweikhardt <schweikh@FreeBSD.org>
    Key fingerprint = 3F35 E705 F02F 35A1 A23E 330E 16FE EA33 0
    0FF2 31FD
uid                               Jens Schweikhardt 0
<schweikh@schweikhardt.net>
sub 1024g/6E93CACC 2002-01-27 [expires: 2005-01-26]

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.341. Matthew Seaman <matthew@FreeBSD.org >

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pub 4096R/036F6C9EE7F39EBF 2013-09-29 [expires: 2014-09-29]
    Key fingerprint = 72CF AC21 79BC B024 B5B5 4590 036F 6C9E 7F3 9EBF
uid                                     Matthew Seaman <matthew@freebsd.org>
uid                                     Matthew Seaman <m.γ
seaman@infracaninophile.co.uk>
sub 4096R/5D0DFEAF7BFB01B4 2013-09-29 [expires: 2014-09-29]
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-----END PGP PUBLIC KEY BLOCK-----

```

3.342. Thomas-Martin Seck <tmseck@FreeBSD.org >

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pub 1024D/DF46EE05 2000-11-22
Key fingerprint = A38F AE66 6B11 6EB9 5D1A B67D 2444 2FE1 3
DF46 EE05
uid Thomas-Martin Seck (Privat 2) 3
<tmseck@netcologne.de>
uid Thomas-Martin Seck (Privat) <tmseck@web.de>
uid Thomas-Martin Seck (FreeBSD) <tmseck@FreeBSD.org>
org>
sub 2048g/3DC33B0F 2000-11-22

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3.343. Stanislav Sedov <stas@FreeBSD.org >

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      Key fingerprint = 4C01 9D03 543E C623 3FF7 0D34 6D8E 4C9F  5617 EAFB
uid          Stanislav Sedov <stas@FreeBSD.org>
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sub  2048R/55012891 2013-09-15 [expires: 2018-09-14]
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3.344. Johan van Selst <johans@FreeBSD.org>

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uid Johan van Selst
uid Johan van Selst <johans@gletsjer.net>
uid Johan van Selst <johans@stack.nl>
uid Johan van Selst <johans@FreeBSD.org>
uid Johan van Selst (GSWoT:NL50) <johans@gswot.org>
sub 2048R/B002E38C 2009-09-01
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3.345. Lev Serebryakov <lev@FreeBSD.org >

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3.346. Bakul Shah <bakul@FreeBSD.org >

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pub 1024D/86AEE4CB 2006-04-20
    Key fingerprint = 0389 26E8 381C 6980 AEC0 10A5 E540 A157  86AE E4CB
uid                               Bakul Shah <bakul@freebsd.org>
sub 2048g/5C3DCC24 2006-04-20
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3.347. Gregory Neil Shapiro <gshapiro@FreeBSD.org>

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pub 1024R/4FBE2ADD 2000-10-13 Gregory Neil Shapiro ☞
<gshapiro@gshapiro.net>
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20 09
uid Gregory Neil Shapiro ☞
<gshapiro@FreeBSD.org>

pub 1024D/F76A9BF5 2001-11-14 Gregory Neil Shapiro ☞
<gshapiro@FreeBSD.org>
    Key fingerprint = 3B5E DAF1 4B04 97BA EE20 F841 21F9 C5BC ☞
F76A 9BF5
uid Gregory Neil Shapiro ☞
<gshapiro@gshapiro.net>
sub 2048g/935657DC 2001-11-14

pub 1024D/FCE56561 2000-10-14 Gregory Neil Shapiro ☞
<gshapiro@FreeBSD.org>
    Key fingerprint = 42C4 A87A FD85 C34F E77F 5EA1 88E1 7B1D ☞
FCE5 6561
uid Gregory Neil Shapiro ☞
<gshapiro@gshapiro.net>
sub 1024g/285DC8A0 2000-10-14 [expires: 2001-10-14]
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Version: GnuPG v1.0.6 (FreeBSD)

Comment: For info see <http://www.gnupg.org>

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3.348. Arun Sharma <arun@FreeBSD.org >

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pub 1024D/7D112181 2003-03-06 Arun Sharma <arun@sharma-home.net>
    Key fingerprint = A074 41D6 8537 C7D5 070E 0F78 0247 1AE2 7D11 2181
uid                                     Arun Sharma <arun@freebsd.org>
uid                                     Arun Sharma <arun.sharma@intel.com>
sub 1024g/ACAD98DA 2003-03-06 [expires: 2005-03-05]
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3.349. Wesley Shields <wxs@FreeBSD.org >

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pub 1024D/17F0AA37 2007-12-27
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Key fingerprint = 96D1 2E6B F61C 2F3D 83EF 8F0B BE54 310C 3
17F0 AA37
uid Wesley Shields <wxw@FreeBSD.org>
uid Wesley Shields <wxw@atarininja.org>
sub 2048g/2EDA1BB8 2007-12-27

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3.350. Norikatsu Shigemura <nork@FreeBSD.org >

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pub 1024D/7104EA4E 2005-02-14
Key fingerprint = 9580 60A3 B58A 0864 79CB 779A 6FAE 229B 3
7104 EA4E
uid Norikatsu Shigemura <nork@cityfujisawa.ne.jp>
uid Norikatsu Shigemura <nork@ninth-nine.com>
uid Norikatsu Shigemura <nork@FreeBSD.org>
sub 4096g/EF56997E 2005-02-14

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3.351. Shteryana Shopova <syrinx@FreeBSD.org>

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pub 4096R/35047F7A 2013-09-24 [expires: 2018-09-23]
uid Shteryana Sotirova Shopova <syrinx@FreeBSD.org>
uid Shteryana Sotirova Shopova <shteryana@FreeBSD.org>
org>
uid Shteryana Sotirova Shopova <shteryana@gmail.com>
sub 4096R/E509C37A 2013-09-24 [expires: 2018-09-23]

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3.352. Vanilla I. Shu <vanilla@FreeBSD.org>

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pub 1024D/ACE75853 2001-11-20 Vanilla I. Shu <vanilla@FreeBSD.org>
Key fingerprint = 290F 9DB8 42A3 6257 5D9A 5585 B25A 909E ☞
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Comment: For info see http://www.gnupg.org

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3.353. Ashish SHUKLA <ashish@FreeBSD.org >

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pub 4096R/E74FA4B0 2010-04-13
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uid Ashish SHUKLA <wahjava@gmail.com>
uid Ashish SHUKLA <wahjava@googlemail.com>
uid Ashish SHUKLA <wahjava.ml@gmail.com>
uid Ashish SHUKLA <wahjava@members.fsf.org>
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<ashish@FreeBSD.ORG>
sub 4096R/F20D202D 2010-04-13

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3.354. Bruce M. Simpson <bms@FreeBSD.org >

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pub 1024D/860DB53B 2003-08-06 Bruce M Simpson <bms@freebsd.org>
    Key fingerprint = 0D5F 1571 44DF 51B7 8B12 041E B9E5 2901 8
    60D B53B
sub 2048g/A2A32D8B 2003-08-06 [expires: 2006-08-05]

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3.355. Dmitry Sivachenko <demon@FreeBSD.org >

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pub 1024D/13D5DF80 2002-03-18 Dmitry Sivachenko <mitya@cavia.pp.ru>
    Key fingerprint = 72A9 12C9 BB02 46D4 4B13 E5FE 1194 9963 ☞
13D5 DF80
uid                               Dmitry S. Sivachenko <demon@FreeBSD.org>
org>
sub 1024g/060F6DBD 2002-03-18
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.356. Jesper Skriver <jesper@FreeBSD.org >

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pub 1024D/F9561C31 2001-03-09 Jesper Skriver <jesper@FreeBSD.org>
    Key fingerprint = 6B88 9CE8 66E9 E631 C9C5 5EB4 22AB F0EC ☞
F956 1C31
uid                               Jesper Skriver <jesper@skriver.dk>
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OpenPGP Keys

uid Jesper Skriver <jesper@wheel.dk>
sub 1024g/777C378C 2001-03-09

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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3.357. Ville Skyttä <scop@FreeBSD.org>

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pub 1024D/BCD241CB 2002-04-07 Ville Skyttä <ville.skytta@iki.fi>
    Key fingerprint = 4E0D EBAB 3106 F1FA 3FA9 B875 D98C D635 ȳ
BCD2 41CB
uid Ville Skyttä <ville.skytta@xemacs.org>
uid Ville Skyttä <scop@FreeBSD.org>
sub 2048g/9426F4D1 2002-04-07
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Version: GnuPG v1.0.7 (GNU/Linux)
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3.358. Andrey Slusar <anray@FreeBSD.org>

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pub 1024D/AE7B5418 2005-12-12
    Key fingerprint = DE70 C24B 55A0 4A06 68A1 D425 3C59 9A9B 5
AE7B 5418
uid Andrey Slusar <anray@ext.by>
uid Andrey Slusar <anrays@gmail.com>
uid Andrey Slusar <anray@FreeBSD.org>
sub 2048g/7D0EB77D 2005-12-12
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3.359. Florian Smeets <flo@FreeBSD.org>

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pub  4096R/E7053DF9FF86F076 2013-10-03 [expires: 2018-10-02]
      Key fingerprint = A701 0320 3BCA B44A 98FE C844 E705 3DF9  3
FF86 F076
uid                               Florian Smeets <flo@smeets.im>
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sub  4096R/F779EEDFE754EA9D 2013-10-03 [expires: 2018-10-02]

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3.360. Gleb Smirnoff <glebius@FreeBSD.org>

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pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
    Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968  6C7E 5E82
uid                               Gleb Smirnoff <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]

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3.361. Ken Smith <kensmith@FreeBSD.org >

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pub 1024D/29AEA7F6 2003-12-02 Ken Smith <kensmith@cse.buffalo.edu>
Key fingerprint = 4AB7 D302 0753 8215 31E7 F1AD FC6D 7855  7
29AE A7F6
uid                               Ken Smith <kensmith@freebsd.org>
sub 1024g/0D509C6C 2003-12-02

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3.362. Ben Smithurst <ben@FreeBSD.org>

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pub 1024D/2CEF442C 2001-07-11 Ben Smithurst <ben@LSRfm.com>
Key fingerprint = 355D 0FFF B83A 90A9 D648 E409 6CFC C9FB 5
2CEF 442C
uid Ben Smithurst <ben@vinosystems.com>
uid Ben Smithurst <ben@smithurst.org>
uid Ben Smithurst <ben@FreeBSD.org>
uid Ben Smithurst <csxbscs@comp.leeds.ac.uk>
uid Ben Smithurst <ben@scientia.demon.co.uk>
sub 1024g/347071FF 2001-07-11
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Version: GnuPG v1.0.6 (FreeBSD)

Comment: For info see <http://www.gnupg.org>

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3.363. Dag-Erling C. Smørgrav <des@FreeBSD.org >

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pub 4096R/BB9B471BF94E87B2 2013-02-15 [expires: 2014-01-01]
    Key fingerprint = 578A 3F4F 9E04 9FCF 3576 BF82 BB9B 471B 5
F94E 87B2
uid Dag-Erling Smørgrav <des@des.no>
uid Dag-Erling Smørgrav <des@freebsd.org>
uid Dag-Erling Smørgrav <des@usit.uio.no>
uid [jpeg image of size 4779]
sub 4096R/A1F1FE07F4DE87F5 2013-02-15 [expires: 2014-01-01]

pub 4096R/92C843456DA6A66E 2013-09-24 [expires: 2018-01-01]
    Key fingerprint = BB57 22E5 C9B6 77D1 73C3 8CFC 92C8 4345 5
6DA6 A66E
uid Dag-Erling Smørgrav <des@des.no>
uid Dag-Erling Smørgrav <des@freebsd.org>
uid Dag-Erling Smørgrav <d.e.smorgrav@usit.uio.no>
sub 4096R/9B90A1FC8FBEC80 2013-09-24 [expires: 2018-01-01]
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3.365. Alan Somers <asomers@FreeBSD.org >

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3.366. Brian Somers <brian@FreeBSD.org >

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pub 1024R/666A7421 1997-04-30 Brian Somers <brian@freebsd-services.
com>
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uid Brian Somers <brian@FreeBSD.org>
uid Brian Somers <brian@OpenBSD.org>
uid Brian Somers <brian@uk.FreeBSD.org>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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=g4uu
-----END PGP PUBLIC KEY BLOCK-----

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3.367. Stacey Son <sson@FreeBSD.org>

```

pub 1024D/CE8319F3 2008-07-08
    Key fingerprint = 64C7 8D92 C1DF B940 1171 5ED3 186A 758A 5
CE83 19F3
uid Stacey Son <sson@FreeBSD.org>
uid Stacey Son <stacey@son.org>
uid Stacey Son <sson@byu.net>
uid Stacey Son <sson@secure.net>
uid Stacey Son <sson@dev-random.com>
sub 2048g/0F724E52 2008-07-08

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3.368. Nicolas Souchu <nsouch@FreeBSD.org>

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pub 1024D/C744F18B 2002-02-13 Nicholas Souchu <nsouch@freebsd.org>
    Key fingerprint = 992A 144F AC0F 40BA 55AE DE6D 752D 0A6C 3
C744 F18B
sub 1024g/90BD3231 2002-02-13

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: Pour information voir http://www.gnupg.org

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3.369. Suleiman Souhlal <ssouhlal@FreeBSD.org>

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pub 1024D/2EA50469 2004-07-24 Suleiman Souhlal <ssouhlal@FreeBSD.org>
    Key fingerprint = DAF6 89DB 54C7 DA1D 37AF  9A94 EB55 E272  0
    2EA5 0469
sub 2048g/0CDCC535 2004-07-24

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3.370. Luiz Otavio O Souza <loos@FreeBSD.org >

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pub 2048R/39165690 2013-07-03
    Key fingerprint = ABC9 71D9 016E 8D4A 936D D748 6252 872F 3
3916 5690
uid Luiz Otavio O Souza <loos.br@gmail.com>
uid Luiz Otavio O Souza <loos@freebsd.org>
sub 2048R/9D089395 2013-07-03
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3.371. Ulrich Spörlein <uqs@FreeBSD.org >

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pub 2048R/4AAF82CE 2010-01-27 [expires: 2015-01-26]
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-----END PGP PUBLIC KEY BLOCK-----
```

3.372. Rink Springer <rink@FreeBSD.org >

```
pub 1024D/ECEDBFFF 2003-09-19
    Key fingerprint = A8BE 9C82 9B81 4289 A905 418D 6F73 BAD2  3
ECED BFFF
uid Rink Springer <rink@il.fontys.nl>
uid Rink Springer (FreeBSD Project) <rink@FreeBSD.org>
org>
uid Rink Springer <rink@stack.nl>
sub 2048g/3BC3E67E 2003-09-19
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3.373. Vsevolod Stakhov <vsevolod@FreeBSD.org>

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pub 4096R/90081437 2012-05-16 [expires: 2017-05-15]
Key fingerprint = DD9A 126C E675 1EA5 2A97 04A3 0764 7B67 9008 1437
uid Vsevolod Stakhov <vsevolod@FreeBSD.org>
sub 4096R/4A5A0B54 2012-05-16 [expires: 2017-05-15]
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3.374. Ryan Steinmetz <zi@FreeBSD.org >

OpenPGP Keys

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pub 2048R/1EF8BA6BD02846D7 2014-02-03 [expires: 2019-02-02]
    Key fingerprint = 9079 51A3 34EF 0CD4 F228 EDC6 1EF8 BA6B 5
D028 46D7
uid Ryan Steinmetz <zi@zi0r.com>
uid Ryan Steinmetz <rsteinme@cisco.com>
uid Ryan Steinmetz <zi@FreeBSD.org>
sub 2048R/A8A08AA9D827E5F8 2014-02-03 [expires: 2019-02-02]
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```

Lawrence Stewart
<lstewart@FreeBSD.org >

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3.375. Lawrence Stewart <lstewart@FreeBSD.org >

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pub 4096R/9A50BCFCF40D9B09 2014-05-08 [expires: 2024-05-05]
    Key fingerprint = 8FB2 E9A3 39EA 78A1 5E1D B8A2 9A50 BCFC  8
F40D 9B09
uid                               Lawrence A. Stewart <lstewart@freebsd.org>
org>
uid                               Lawrence A. Stewart  8
<lawrencestewart@gmail.com>
uid                               Lawrence A. Stewart <lstewart@netflix.org>
com>
uid                               Lawrence A. Stewart <lstewart@room52.org>
net>
sub 4096R/ACCB4CCFAB4EDC2D 2014-05-08 [expires: 2024-05-05]
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3.376. Randall R. Stewart <rrs@FreeBSD.org >

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pub 1024D/0373B8B2 2006-09-01
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0373 B8B2
uid          Randall R Stewart <randall@lakerest.net>
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sub 2048g/88027C0B 2006-09-01
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3.377. Murray Stokely <murray@FreeBSD.org >

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pub 1024D/0E451F7D 2001-02-12 Murray Stokely <murray@freebsd.org>
Key fingerprint = E2CA 411D DD44 53FD BB4B 3CB5 B4D7 10A2 3
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Comment: For info see http://www.gnupg.org
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3.378. Volker Stolz <vs@FreeBSD.org >

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3.379. Ryan Stone <rstone@FreeBSD.org>

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pub 1024D/3141B73A 2010-04-13
    Key fingerprint = 4A6D DC04 DDC5 0822 2687 A086 FD3F 16CB 3141 B73A
uid Ryan Stone (FreeBSD) <rstone@freebsd.org>
sub 2048g/A8500B5F 2010-04-13
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3.380. Søren Straarup <xride@FreeBSD.org>

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pub 1024D/E683AD40 2006-09-28
    Key fingerprint = 8A0E 7E57 144B BC25 24A9 EC1A 0DBC 3408 E683 AD40
uid Soeren Straarup <xride@xride.dk>
uid Soeren Straarup <xride@FreeBSD.org>
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OpenPGP Keys

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uid          Soeren Straarup <xride@x12.dk>
sub 2048g/2B18B3B8 2006-09-28
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3.381. Marius Strobl <marius@FreeBSD.org >

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pub 4096R/20B70DE13F1D1E4F 2013-09-26
Key fingerprint = 53D9 B435 5F95 980F C5D7 6B02 20B7 0DE1 3F1D 1E4F
uid Marius Strobl <marius@FreeBSD.org>
uid Marius Strobl <marius@alchemy.franken.␣
de>
sub 4096R/862A3771EFEA91B6 2013-09-26
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3.382. Carlo Strub <cs@FreeBSD.org >

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3.384. Gregory Sutter <gsutter@FreeBSD.org>

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3.385. Koichi Suzuki <metal@FreeBSD.org >

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3.386. Ryusuke SUZUKI <ryusuke@FreeBSD.org>

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pub 1024D/63D29724 2009-12-18
    Key fingerprint = B108 7109 2E62 BECB 0F78 FE65 1B9A D1BE 3
63D2 9724
uid Ryusuke SUZUKI <ryusuke@FreeBSD.org>
uid Ryusuke SUZUKI <ryusuke@jp.FreeBSD.org>
sub 1024g/5E4DD044 2009-12-18

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```

Gary W. Swearingen
<garys@FreeBSD.org >

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3.387. Gary W. Swearingen <garys@FreeBSD.org >

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pub 1024D/FAA48AD5 2005-08-22 [expires: 2007-08-22]
    Key fingerprint = 8292 CC3E 81B5 E54F E3DD F987 FA52 E643 3
FAA4 8AD5
uid Gary W. Swearingen <garys@freebsd.org>
sub 2048g/E34C3CA0 2005-08-22 [expires: 2007-08-22]
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3.388. Yoshihiro Takahashi <nyan@FreeBSD.org >

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pub 4096R/6624859E 2012-11-18
    Key fingerprint = 1CA5 445E 7ABD BC21 AEC0 7B89 47D7 4EFF 3
6624 859E
uid Yoshihiro TAKAHASHI <nyan@furiru.org>
uid Yoshihiro TAKAHASHI <nyan@FreeBSD.org>
```


OpenPGP Keys

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uid      Yoshihiro TAKAHASHI <nyan@jp.FreeBSD.org>
sub      4096R/362726EA 2012-11-18
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```

3.389. Sahil Tandon <sahil@FreeBSD.org >

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pub      2048R/C016D977 2010-04-08
          Key fingerprint = 6AD2 BA99 8E3A 8DA6 DFC1  53CF DBD0 6001  0
C016 D977
uid              Sahil Tandon <sahil@tandon.net>
uid              Sahil Tandon <sahil@FreeBSD.org>
sub      2048R/F7776FBC 2010-04-08

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3.390. TAKATSU Tomonari <tota@FreeBSD.org>

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pub 1024D/67F58F29 2009-05-17
    Key fingerprint = 6940 B575 FC4A FA26 C094 279A 4B9B 6326 67F5 8F29
uid                                TAKATSU Tomonari <tota@FreeBSD.org>
sub 2048g/18B112CD 2009-05-17

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3.391. Romain Tartière <romain@FreeBSD.org>

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pub 3072R/5112336F 2010-04-09
    Key fingerprint = 8234 9A78 E7C0 B807 0B59 80FF BA4D 1D95 5112 336F
uid Romain Tartière <romain@blogreen.org>
uid Romain Tartière (FreeBSD) <romain@FreeBSD.org>
sub 3072R/C1B2B656 2010-04-09
sub 3072R/8F8125F4 2010-04-09
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-----END PGP PUBLIC KEY BLOCK-----

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3.392. Sylvio Cesar Teixeira <sylvio@FreeBSD.org >

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pub 2048R/AA7395A1 2009-10-28
    Key fingerprint = B319 6AAF 0016 4308 6D93 E652 3C5F 21A2 5
AA73 95A1
uid Sylvio Cesar Teixeira (My key) <sylvio@FreeBSD.org>
org>

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sub 2048R/F758F556 2009-10-28
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-----END PGP PUBLIC KEY BLOCK-----
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3.393. Devin Teske <dteske@FreeBSD.org>

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pub 2048R/0xAACC9F947D9E9AB9 2013-11-01 [expires: 2014-11-01]
    Key fingerprint = E052 3882 1097 ABB9 A537 ED2F AACC 9F94 7D9E 9AB92
uid [ultimate] Devin Teske (FreeBSD Committer) <dteske@FreeBSD.org>
sub 2048R/0xB29F871CBC396837 2013-11-01 [expires: 2014-11-01]
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3.394. Ion-Mihai Tetcu <itetcu@FreeBSD.org>

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pub 4096R/29597D20 2013-05-02
Key fingerprint = AB6F 39B6 605D E6B7 0D54 ED3D BCA2 129A 3
2959 7D20
uid Ion-Mihai Tetcu (FreeBSD Committer key) <
<itetcu@FreeBSD.org>
sub 4096R/EC9E17E3 2013-05-02

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-----END PGP PUBLIC KEY BLOCK-----
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3.395. Mikhail Teterin <mi@FreeBSD.org >

```
pub 1024R/3FC71479 1995-09-08 Mikhail Teterin <mi@aldan.star89.
galstar.com>
Key fingerprint = 5F 15 EA 78 A5 40 6A 0F 14 D7 D9 EA 6E 2B 5
DA A4
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.396. Gordon Tetlow <gordon@FreeBSD.org>

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pub 1024D/357D65FB 2002-05-14 Gordon Tetlow <gordont@gnf.org>
    Key fingerprint = 34EF AD12 10AF 560E C3AE CE55 46ED ADF4 357D 65FB
uid                               Gordon Tetlow <gordon@FreeBSD.org>
sub 1024g/243694AB 2002-05-14
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Version: GnuPG v1.0.7 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----

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3.397. Lars Thegler <lth@FreeBSD.org >

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pub 1024D/56B0CA08 2004-05-31 Lars Thegler <lth@FreeBSD.org>
    Key fingerprint = AB AE F9 8C EA 78 1C 8D 6F DD CB 27 1C A9 5A 63 7
56B0 CA08
uid                               Lars Thegler <lars@thegler.dk>
sub 1024g/E8C58EF3 2004-05-31

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-----END PGP PUBLIC KEY BLOCK-----
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3.398. Jase Thew <jase@FreeBSD.org >

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Key fingerprint = 4841 00F3 CDF2 272C 965B F90A 5C32 10C8 3F9B 9617
uid [ultimate] Jase Thew <jase@FreeBSD.org>
uid [ultimate] Jase Thew <freebsd@beardz.net>
uid [ultimate] Jase Thew <jase.thew@googlemail.com>
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3.399. David Thiel <lx@FreeBSD.org >

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    Key fingerprint = F08F 6A12 738F C9DF 51AC 8C62 1E30 7CBE 3
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3.400. Fabien Thomas <fabient@FreeBSD.org>

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pub 1024D/07745930 2009-03-16
    Key fingerprint = D8AC EFA2 2FBD 7788 9628 4E8D 3F35 3B88 5
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uid Fabien Thomas <fabient@FreeBSD.org>
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3.401. Thierry Thomas <thierry@FreeBSD.org>

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pub 4096R/F1C516B3C8359753 2013-09-23 [expires: 2018-09-22]
    Key fingerprint = E536 BE85 3853 99D0 0B6F AA76 F1C5 16B3 5
C835 9753
uid [ultimate] Thierry Thomas <thierry@pompo.net>
uid [ultimate] Thierry Thomas <thierry@FreeBSD.org>
uid [ultimate] [jpeg image of size 1968]
sub 4096R/32B32808E6B52F4F 2013-09-23 [expires: 2018-09-22]
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3.402. Andrew Thompson <thompsa@FreeBSD.org>

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pub 1024D/BC6B839B 2005-05-05
    Key fingerprint = DE74 3F49 B97C A170 C8F1 8423 CAB6 9D57  3
BC6B 839B
uid Andrew Thompson <thompsa@freebsd.org>
uid Andrew Thompson <andy@fud.org.nz>
sub 2048g/92E370FB 2005-05-05

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3.404. Jilles Tjoelker <jilles@FreeBSD.org >

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3.405. Ganbold Tsagaankhuu <ganbold@FreeBSD.org >

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pub 4096R/8617408EEAAC693A 2013-10-05 [expires: 2018-10-04]
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OpenPGP Keys

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uid                               Ganbold Tsagaankhuu <ganbold@freebsd.org>
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3.406. Michael Tuexen <tuexen@FreeBSD.org >

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pub 1024D/04EEDABE 2009-06-08
    Key fingerprint = 493A CCB8 60E6 5510 A01D 360E 8497 B854 0
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uid Michael Tuexen <tuexen@FreeBSD.org>
sub 2048g/F653AA03 2009-06-08
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3.407. Andrew Turner <andrew@FreeBSD.org>

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pub 2048R/31B31614 2010-07-01
    Key fingerprint = 08AC 2C57 F14F FDD1 2232 B5CD AA16 EFB8 31B3 1614
uid Andrew Turner <andrew@freebsd.org>
uid Andrew Turner <andrew@fubar.geek.nz>
sub 2048R/9ACBF138 2010-07-01

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-----END PGP PUBLIC KEY BLOCK-----
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3.408. Hajimu UMEMOTO <ume@FreeBSD.org >

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pub 1024D/BF9071FE 2005-03-17
    Key fingerprint = 1F00 0B9E 2164 70FC 6DC5 BF5F 04E9 F086 0
BF90 71FE
uid Hajimu UMEMOTO <ume@mahoroba.org>
uid Hajimu UMEMOTO <ume@FreeBSD.org>
uid Hajimu UMEMOTO <ume@jp.FreeBSD.org>
sub 2048g/748DB3B0 2005-03-17
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-----END PGP PUBLIC KEY BLOCK-----
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3.409. Oleksandr Tymoshenko <gonzo@FreeBSD.org>

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pub 2048R/E84FC1018C87C180 2014-01-08 [expires: 2017-01-07]
    Key fingerprint = 4FE9 153B 126D A491 294D 012F E84F C101 8C87 C180
uid                                Oleksandr Tymoshenko (FreeBSD)
<gonzo@freebsd.org>
sub 2048R/D6BE683DAEC52F52 2014-01-08 [expires: 2017-01-07]
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-----END PGP PUBLIC KEY BLOCK-----
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3.410. Stephan Uphoff <ups@FreeBSD.org>

```
pub 2048R/D684B04A 2004-10-06 Stephan Uphoff <ups@freebsd.org>
    Key fingerprint = B5D2 04AE CA8F 7055 7474 3C85 F908 7F55 D684 B04A
uid                                Stephan Uphoff <ups@tree.com>
sub 2048R/A15F921B 2004-10-06
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-----END PGP PUBLIC KEY BLOCK-----
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3.411. Bryan Venteicher <bryanv@FreeBSD.org >

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pub 4096R/E97DB7DB 2012-11-05
    Key fingerprint = 0F8F 11EF F4D2 EDCA ECEA CB16 744C BF25  3
E97D B7DB
uid Bryan Venteicher (DITC)  3
<bryanv@daemoninthecloset.org>
uid Bryan Venteicher (FreeBSD) <bryanv@freebsd.org>
sub 4096R/2EBC1A46 2012-11-05
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3.412. Jacques Vidrine <nectar@FreeBSD.org>

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3.413. Alberto Villa <avilla@FreeBSD.org >

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3.414. Nicola Vitale <nivit@FreeBSD.org >

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pub 1024D/F11699E5 2006-12-05
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uid Nicola Vitale (Public key for nivit@FreeBSD.org)
org) <nivit@FreeBSD.org>
sub 2048g/4C90805D 2006-12-05

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3.415. Ivan Voras <ivoras@FreeBSD.org >

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pub 1024D/FD08D5063DFF1D2C 2012-04-22
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Key fingerprint = 6141 82D7 8304 0002 EEB3 48E5 FD08 D506 3DFF 1D2C
uid          Ivan Voras <ivoras@fer.hr>
uid          Ivan Voras <ivoras@freebsd.org>
uid          Ivan Voras <ivoras@pirati.hr>
uid          Ivan Voras <ivoras@gmail.com>
uid          [jpeg image of size 3697]
sub          4096g/88C9ED7026B75D25 2012-04-22

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Version: GnuPG v2.0.22 (FreeBSD)

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-----END PGP PUBLIC KEY BLOCK-----

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3.416. Stefan Walter <stefan@FreeBSD.org>

```

pub  3072R/12B9E0B3 2003-03-06
      Key fingerprint = 85D8 6A49 22C7 6CD9 B011 5D6A 5691 111B 12B9 E0B3
uid      Stefan Walter <stefan@freebsd.org>
uid      Stefan Walter <sw@gegenunendlich.de>
sub  3072R/6D35457A 2003-03-06

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGLBD5nXBoBDAC8weeyNQ0MLmXMq9r5UyPNpdmEsZa8bYmU9RGQ02Yb4R/81ucl
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3.417. Kai Wang <kaiw@FreeBSD.org >

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pub 1024D/AEB910EB 2006-09-27
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Key fingerprint = 3534 10A3 F143 B760 EF3E BEDF 8509 6A06 3
AEB9 10EB
uid          Kai Wang <kaiw@FreeBSD.org>
uid          Kai Wang <kaiw@student.chalmers.se>
uid          Kai Wang <kaiwang27@gmail.com>
uid          Kai Wang <kaiw27@gmail.com>
sub          2048g/1D5AA4DD 2006-09-27

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

3.418. Adam Weinberger <adamw@FreeBSD.org >

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pub          2048R/1CCD0A5830E59D2B 2014-02-03 [expires: 2017-02-02]
Key fingerprint = F95F 60DB 115C EA59 2FED E1FB 1CCD 0A58 3
30E5 9D2B

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OpenPGP Keys

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uid Adam Weinberger <adamw@FreeBSD.org>
uid Adam Weinberger <adamw@adamw.org>
sub 2048R/92C1C8A42BDE2CCE 2014-02-03 [expires: 2017-02-02]
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-----END PGP PUBLIC KEY BLOCK-----

3.419. Peter Wemm <peter@FreeBSD.org>

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pub 1024D/1512AE527277717F 2003-12-14
Key fingerprint = 622B 2282 E92B 3BAB 57D1 A417 1512 AE52 7
7277 717F
uid Peter Wemm <peter@wemm.org>
uid Peter Wemm <peter@FreeBSD.ORG>
sub 1024g/2C5F53778B40D9D1 2003-12-14
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pub 2048R/35D69709EC809E04 2014-05-08 [expires: 2024-05-05]
    Key fingerprint = 060A C0D1 5AFF BDF3 55B8 FA14 35D6 9709  3
EC80 9E04
uid Peter Wemm <peter@wemm.org>
uid Peter Wemm <peter@FreeBSD.org>
sub 2048R/B5D591B339B03C75 2014-05-08 [expires: 2024-05-05]
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-----END PGP PUBLIC KEY BLOCK-----
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3.420. Nathan Whitehorn <nwhitehorn@FreeBSD.org>

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pub      1024D/FC118258 2008-07-03
          Key fingerprint = A399 BEA0 8D2B 63B3 47B5  056D 8513 5B96  3
FC11 8258
uid      Nathan Whitehorn <nwhitehorn@freebsd.org>
uid      Nathan Whitehorn <nwhitehorn@icecube.wisc.edu>
uid      Nathan Whitehorn <nwhitehorn@physics.wisc.edu>
uid      Nathan Whitehorn <whitehorn@wisc.edu>
sub      2048g/EDB55363 2008-07-03

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-----END PGP PUBLIC KEY BLOCK-----
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3.421. Martin Wilke <miwi@FreeBSD.org >

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pub 1024D/B1E6FCE9 2009-01-31
    Key fingerprint = C022 7D60 F598 8188 2635 0F6E 74B2 4884 3
B1E6 FCE9
uid Martin Wilke <miwi@FreeBSD.org>
sub 4096g/096DA69D 2009-01-31
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-----END PGP PUBLIC KEY BLOCK-----
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3.422. Nate Williams <nate@FreeBSD.org >

```
pub 1024D/C2AC6BA4 2002-01-28 Nate Williams (FreeBSD) ㉿
<nate@FreeBSD.org>
    Key fingerprint = 8EE8 5E72 8A94 51FA EA68 E001 FFF9 8AA9 ㉿
C2AC 6BA4
sub 1024g/03EE46D2 2002-01-28
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.423. Steve Wills <swills@FreeBSD.org>

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pub 2048R/F5CF62B3207B1BA1 2010-09-02 [expires: 2014-10-26]
    Key fingerprint = 98FA 414A 5C2A 0EF9 CFD0 AD0D F5CF 62B3 ㉿
207B 1BA1
uid                               Steve Wills <swills@FreeBSD.org>
uid                               Steve Wills <swills@freebsd.org>
uid                               Steve Wills <steve@mouf.net>
sub 2048R/A36116F7E9B254FD 2010-09-02 [expires: 2014-10-26]
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```

Thomas Wintergerst
<twinterg@FreeBSD.org >

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3.424. Thomas Wintergerst <twinterg@FreeBSD.org >

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pub 1024D/C45CB978 2006-01-08
Key fingerprint = 04EE 8114 7C6D 22CE CDC8 D7F8 112D 01DB 0
C45C B978
uid Thomas Wintergerst <twinterg@gmx.de>
uid Thomas Wintergerst <twinterg@freebsd.org>
uid Thomas Wintergerst
uid Thomas Wintergerst <thomas.wintergerst@nord-
com.net>
uid Thomas Wintergerst <thomas.wintergerst@materna.u
de>
sub 2048g/3BEBEF8A 2006-01-08
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OpenPGP Keys

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sub 1024D/8F631374 2006-01-08
sub 2048g/34F631DC 2006-01-08
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3.425. Garrett Wollman <wollman@FreeBSD.org >

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pub 1024D/0B92FAEA 2000-01-20 Garrett Wollman <wollman@FreeBSD.org>
    Key fingerprint = 4627 19AF 4649 31BF DE2E 3C66 3ECF 741B 3
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sub 1024g/90D5EBC2 2000-01-20

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.426. Jörg Wunsch <joerg@FreeBSD.org>

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pub 1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
Key fingerprint = 5E84 F980 C3CA FD4B B584 1070 F48C A81B 69A8 5873
pub 1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
uid                               Joerg Wunsch <joerg_wunsch@interface-
systems.de>
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business.de>
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-----END PGP PUBLIC KEY BLOCK-----
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3.427. David Xu <davidxu@FreeBSD.org >

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pub 1024D/48F2BDAB 2006-07-13 [expires: 2009-07-12]
    Key fingerprint = 7182 434F 8809 A4AF 9AE8 F1B5 12F6 3390 3
48F2 BDAB
uid David Xu <davidxu@freebsd.org>
sub 4096g/ED7DB38A 2006-07-13 [expires: 2009-07-12]
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-----END PGP PUBLIC KEY BLOCK-----

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3.428. Maksim Yevmenkin <emax@FreeBSD.org >

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pub 1024D/F050D2DD 2003-10-01 Maksim Yevmenkin <m_evmenkin@yahoo.
com>
    Key fingerprint = 8F3F D359 E318 5641 8C81 34AD 791D 53F5 3
F050 D2DD

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Version: GnuPG v1.2.2 (FreeBSD)

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3.429. Thomas Zander <riggs@FreeBSD.org >

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pub 1024D/8DD48929C85996CD 2000-11-15
    Key fingerprint = 4F59 75B4 4CE3 3B00 BC61 5400 8DD4 8929 3
C859 96CD
uid Thomas Zander <riggs@FreeBSD.org>
uid Thomas Zander <thomas.e.ø
zander@googlemail.com>
sub 2048g/DFD045C3A7460ECB 2000-11-15 [expires: 2017-12-31]
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3.430. Bjoern A. Zeeb <bz@FreeBSD.org>

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pub      1024D/3CCF1842 2007-02-20
          Key fingerprint = 1400 3F19 8FEF A3E7 7207 EE8D 2B58 B8F8 3CCF 1842
uid      Bjoern A. Zeeb <bz@zabbadoz.net>
uid      Bjoern A. Zeeb <bzeeb@zabbadoz.net>
uid      Bjoern A. Zeeb <bz@FreeBSD.org>
uid      Bjoern A. Zeeb <bzeeb-lists@lists.zabbadoz.net>
sub      4096g/F36BDC5D 2007-02-20

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3.431. Niclas Zeising <zeising@FreeBSD.org>

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3.432. Alexey Zelkin <phantom@FreeBSD.org>

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3.433. Sepherosa Ziehau <sephe@FreeBSD.org >

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pub 2048R/3E51FB42 2005-10-21
Key fingerprint = 5F47 3861 7ABA 8773 9E32 0474 5C33 841C 3E51 FB42
uid Sepherosa Ziehau (freebsd) <sephe@freebsd.org>
uid Sepherosa Ziehau (sephe) <sepherosa@gmail.com>
sub 2048R/7AA31321 2005-10-21
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3.434. Andrey Zonov <zont@FreeBSD.org>

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pub 2048R/E8A68B1C 2012-08-17 [expires: 2016-08-17]
    Key fingerprint = 3DFF AA2F C10A A979 2FB9 A764 F145 4BB6 3
E8A6 8B1C
uid Andrey Zonov <zont@FreeBSD.org>
uid Andrey Zonov <andrey@zonov.org>
sub 2048R/57FC2BD3 2012-08-17 [expires: 2016-08-17]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----

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4. Other Cluster Account Holders

4.1. Alexander Best

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pub 4096R/10C54914 2013-09-09 [expires: 2016-09-08]
    Key fingerprint = 34EB A47D A329 5767 ED27 E130 8ACA 73CA 10C5 4914
uid Alexander Best <arundel@FreeBSD.org>
sub 4096R/F1F0EF55 2013-09-09 [expires: 2016-09-08]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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4.2. Deb Goodkin

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pub 2048R/09436139 2013-04-11
    Key fingerprint = 3498 B76C D4D7 EA14 2003 83AE 1A93 FFAF 6
0943 6139
uid Deb Goodkin <deb@freebsd.org>
uid Deb Goodkin <Deb@Gurkowski.com>
uid Deb Goodkin <deb@freebsd.foundation.org>
sub 2048R/0FB6881F 2013-04-11
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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4.3. Ben C. O. Grimm

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pub 2048R/1638A731 2013-03-22 [expires: 2018-03-21]
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uid      DutchDaemon - FreeBSD Forums Administrator  1638 A731
<DutchDaemon@FreeBSD.org>
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sub 2048R/040C9636 2013-03-22 [expires: 2018-03-21]
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4.4. Ben Haga

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pub 4096R/1FA0DA9D 2013-04-12 [expires: 2017-04-11]
     Key fingerprint = 82FB 3180 8C3E CEA9 66ED 7FE5 2840 F0C9  3
1FA0 DA9D
uid Ben Haga <bhaga@FreeBSD.org>
sub 4096R/33BE4D62 2013-04-12 [expires: 2017-04-11]

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4.5. Boris Kochergin

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pub 4096R/7E8DEA51 2013-04-08
    Key fingerprint = 41E7 7678 9F57 D52E 73DF 731F A77E 8C7A 7E8D EA51
uid Boris Kochergin <bk@isis.poly.edu>
sub 4096R/DD7B3E04 2013-04-08

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4.6. Dan Langille

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pub 1024D/0A0B1714CFFB9D3C 2000-12-28
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uid Dan Langille <dan@langille.org>
uid Dan Langille <dvl@freebsd.org>
uid Dan Langille <dan@freshports.org>
uid Dan Langille <dan@nz.freebsd.org>
uid Dan Langille <dan@unixathome.org>
uid Dan Langille <dan@dvl-software.com>
uid Dan Langille <dan@racingsystem.com>
uid Dan Langille <dan.langille@gmail.com>
uid Dan Langille <dan.langille@dvl-
software.com>
sub 1024g/774275AAB7D6CC68 2000-12-28
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4.7. Peter Losher

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pub 1024D/B9F7C8866917C3B9 2002-03-16 [expires: 2014-12-24]
    Key fingerprint = E00E 4CB3 D265 248E 610D 77A4 B9F7 C886  3
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uid Peter Losher <ploser@freebsd.org>
uid Peter Losher <ploser@plosh.net>
sub 2048g/5E63FAAB8C6651F2 2002-03-16 [expires: 2014-12-24]
sub 4096R/53B9AAA98C273E2E 2014-05-18 [expires: 2019-05-17]
sub 4096R/CDABAB7A88F51686 2014-05-18 [expires: 2019-05-17]

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4.8. David Wolfskill

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pub 4096R/8A67F9C8DEF4193B 2013-11-28 [expires: 2015-11-28]
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uid                               David H. Wolfskill <david@catwhisker.org>
sub 4096R/C0395DCCCFC71941 2013-11-28 [expires: 2015-11-28]

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