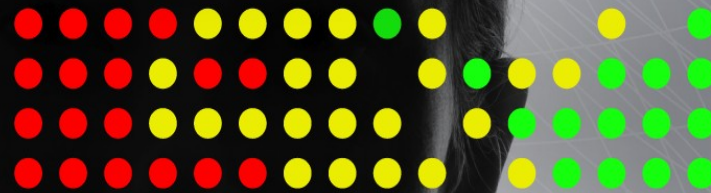


August 15-16 / 2015

I2P

GETI2P.NET



HackLab

1266 Queen Street West,
Toronto, Ontario
Canada

In Partnership
with:



Toronto Crypto for
helping organize this
event

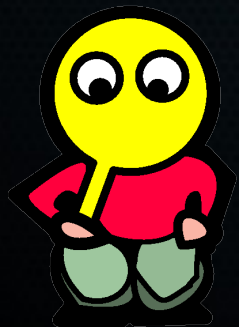


Hacklab for providing
us with a great space



- Roadmap meeting
- Organizational meeting

#I2PCon Toronto
August 15-16, 2015
zzz
zzz@i2pmail.org
geti2p.net
@i2p

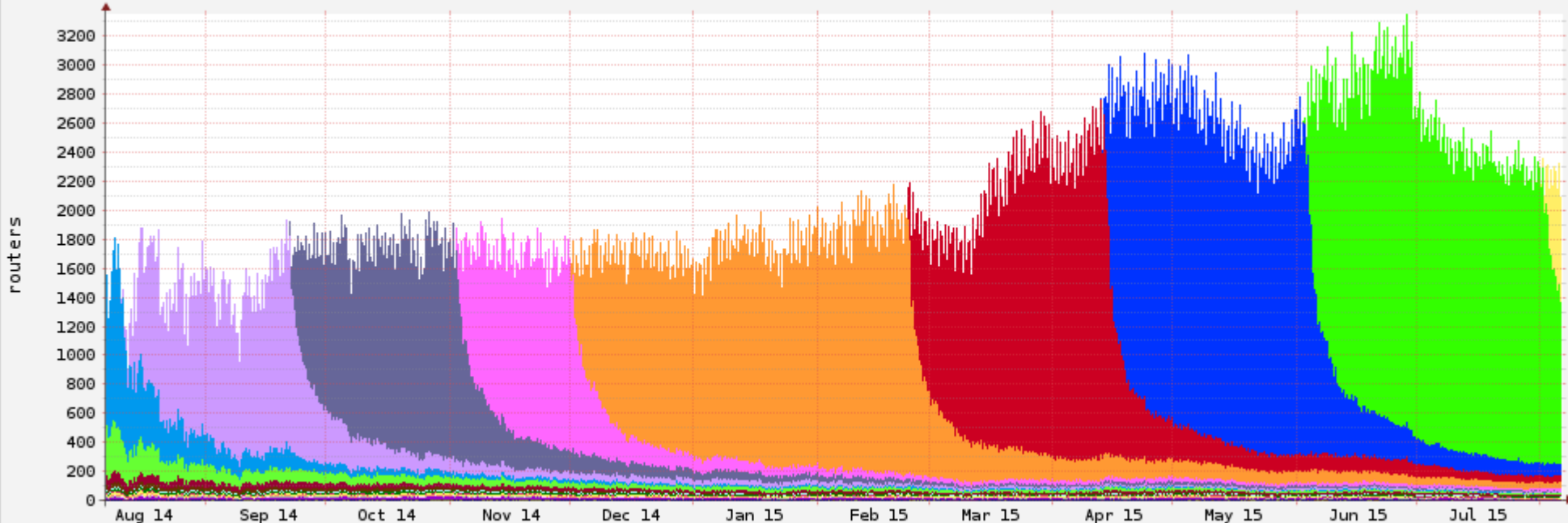


- Need volunteer to take notes and do a writeup on zzz.i2p afterwards



09-2015 – 03-2016 Roadmap





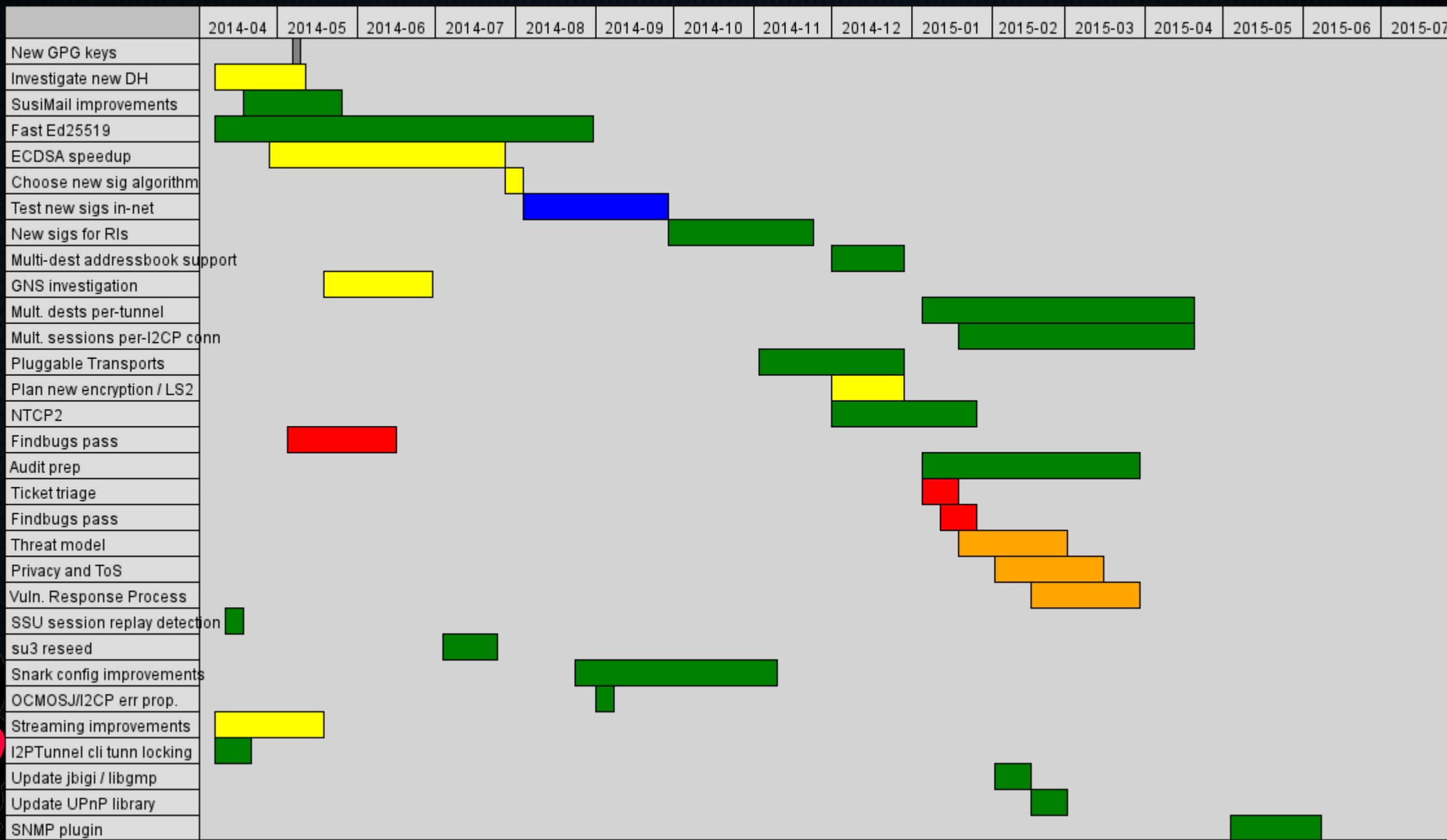
0.9.1	Now:	0	(0.0 %)
0.9.2	Now:	0	(0.0 %)
0.9.3	Now:	0	(0.0 %)
0.9.4	Now:	0	(0.0 %)
0.9.5	Now:	8	(0.4 %)
0.9.6	Now:	1	(0.0 %)
0.9.7	Now:	0	(0.0 %)
0.9.7.1	Now:	1	(0.1 %)
0.9.8	Now:	4	(0.2 %)
0.9.8.1	Now:	3	(0.1 %)
0.9.9	Now:	5	(0.2 %)
0.9.10	Now:	3	(0.1 %)
0.9.11	Now:	2	(0.1 %)
0.9.12	Now:	9	(0.4 %)
0.9.13	Now:	12	(0.6 %)
0.9.14	Now:	4	(0.2 %)
0.9.14.1	Now:	7	(0.4 %)
0.9.15	Now:	7	(0.3 %)
0.9.16	Now:	19	(0.9 %)
0.9.17	Now:	39	(1.9 %)
0.9.18	Now:	47	(2.2 %)
0.9.19	Now:	80	(3.8 %)
0.9.20	Now:	1115	(53.2 %)
0.9.21	Now:	726	(34.7 %)

Generated Thu Aug 06 11:32:02 UTC 2015 <http://stats.i2p>



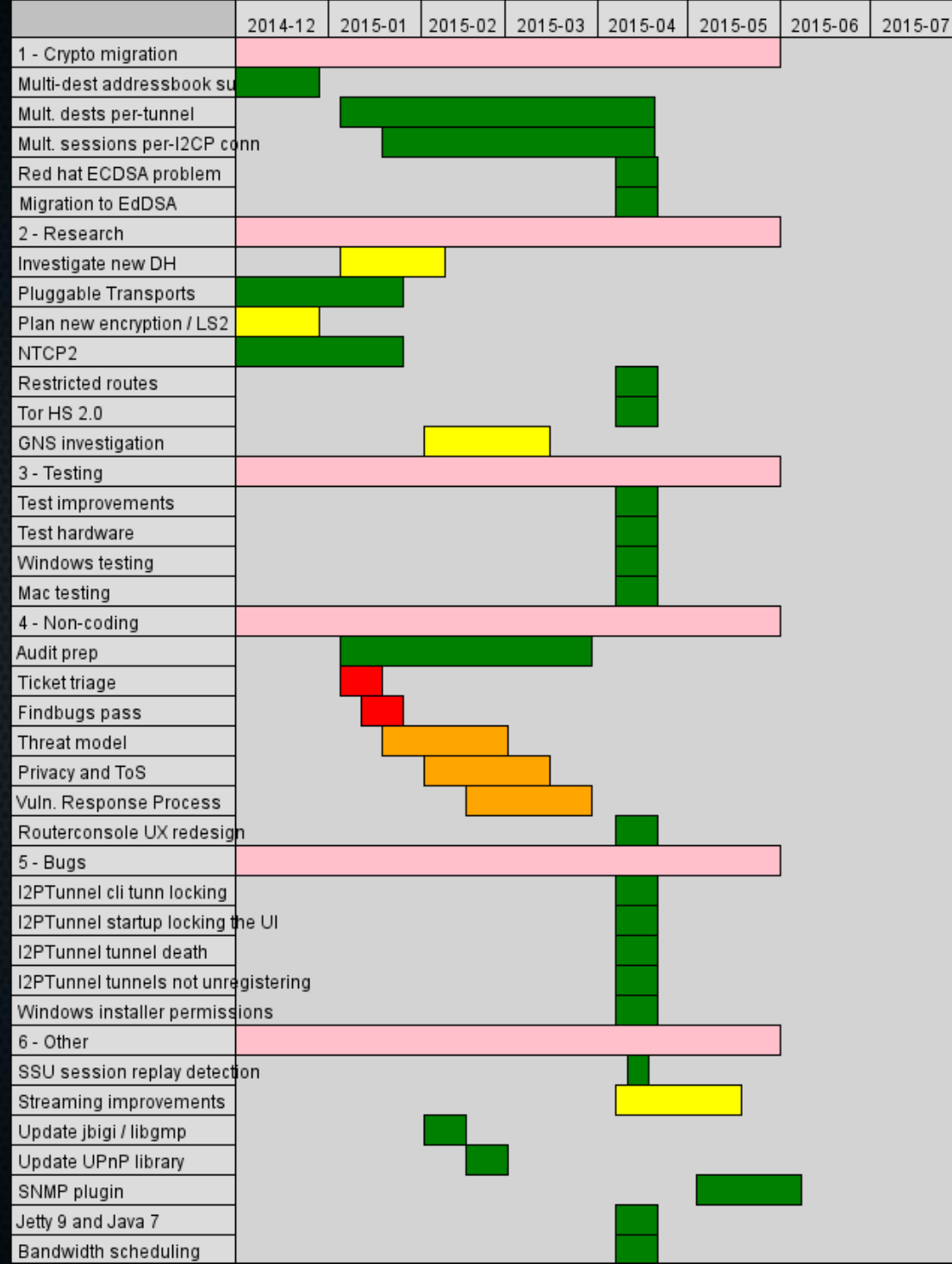
0.9.13 - 0.9.16 (5 releases incl. 0.9.14.1)

April '14 - Oct. '14 (7 months)



5 releases
0.9.17 -
0.9.21

Nov. '14 -
Jul. '15
(9 months)



Next roadmap 0.9.22 - 0.9.25

4 releases, 8 months

0.9.22 (1.0?) early Oct.

- start rekey
- GMP 6

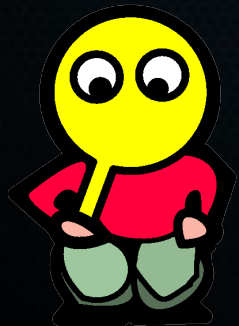
0.9.23 (1.0?) late Nov - early Dec.

- continue rekey
- Java 7 (desktop only, i.e. apps/, keep core and router at 6 for android and embedded)
(strands XP)
- SAM 3.2
- Jetty 9

0.9.24 (1.0?) early Feb.

- finish rekey

0.9.25 (1.0?) late March



1.0 Criteria

- Something in particular, or everything is perfect, or audited, or just-a-number (e.g. linux 4.0)
- If something-in-particular, is RI rekey it?



RI Rekey

- which crypto? when? (end of forum.i2p, tracker.welterde.i2p)
- snark rekey - which crypto? when? (end of tracker.welterde.i2p)
- (don't want to use multisession because that doubles the leasesets)

- EC vs. Ed for RI rekey
- i2pd doesn't support Ed yet
- some routers (red hat) don't support EC yet, warnings in place since
- botnet doesn't support either
- EC since 0.9.12 2014-03-31: 99.2% of net (minus unknown redhat, minus botnet)
- Ed since 0.9.15, 2014-09-20 bug fixed in 0.9.17: 2014-11-30 96.7% of net (minus i2pd)



View from a floodfill,
as of Mon. Aug. 10

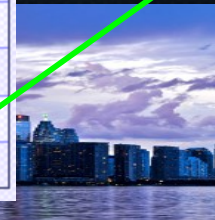
Botnet peers likely
excluded

Version	Count
0.9.21	1909
0.9.20	2221
0.9.19	139
0.9.18	78
0.9.17	57
0.9.16	23
0.9.15	13
0.9.14.1	8
0.9.14	4
0.9.13	15
0.9.12	14
0.9.11	7
0.9.10	5
0.9.9	7
0.9.8.1	6
0.9.8	5
0.9.7.1	4
0.9.7	1
0.9.6	2
0.9.5	16
0.9.4	3
0.9.2	1
0.9.1	1
0.8.13	2
0.8.8	1
0.8.7	1
0.8.2	1

Ed
(except
i2pd)

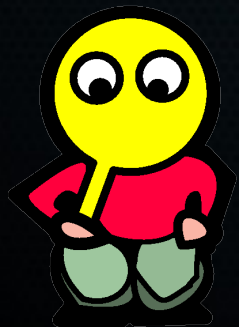
EC

0.8.2
Dec.
2010!



Other Features

- Addressbook, naming, signed entries (stalled)
- GMP 6 (need builders and testers)
- LS2 (stalled)
- NTCP2 (stalled in research phase, start with DH)
- New DH (stalled in research phase)
- Java 7 (this would eliminate XP?)
- SAM 3.2 requires java 7 (¾ done)
- Jetty 9 (9.2? 9.3?) requires java 7 (barely started)
- Pluggable transports (stalled, lots to do)
 - a must for resisting DPI since we don't have 40 phd students to make a new one each month
- Scriptable interface (stalled, needs merge)
 - want to entice researchers into playing with and setting up their own test networks
- NetDB redo? ("next backend")



Android, Plugins, other code

- Android roadmap
- Bote + Android Bote
- Fixed Orchid plugin? (merge/test effort)
- Syndie
- I2pcontrol + clients
- Other plugins



Non-code Roadmap

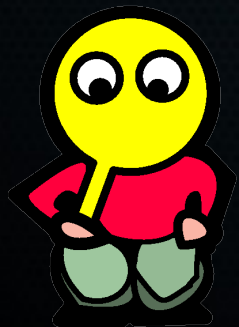
- audits and reviews
- website
- threat model
- outreach
- debian
- reseeds



break



Organizational Meeting



- Need volunteer to take notes and do a writeup on zzz.i2p afterwards



- Finances - what can we spend money on?
- New Assistant PR person/people
- Other roles (copy team.html in here)
- Servers & services
- reseeding
- CCC planning
- postmortem - should we do i2pcon 2?

