

INOC-DBA

Hotline Phone System

Version 1.2

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What's it About?

INOC-DBA: Inter-NOC Dial-by-ASN

Global Voice-over-IP hotline phone system, directly interconnecting NOCs and SIRTs within carriers, ISPs, exchange points, and vendors.

How does it work?

If you just dial an Autonomous System Number, it'll ring a predefined group of phones within that AS. (example: 42)

If you dial an ASN and an extension number, it'll ring the phones belonging to that person. (example: 42*WEW)

Also, well-known extensions for NOC, abuse, routing, SIRT, et cetera.

How does it work?

SIP is similar to Dynamic DNS.

Pick up an address via DHCP or statically

Download config from preconfigured server

Register current IP address with a SIP Registry

Registry transfers IP address to SIP Proxies

When someone calls your phone, they do a dialed-number-to-IP-address lookup against the proxy

Then their phone contacts yours directly.

Any Problems So Far?

CPE network environment:

NAT and firewall traversal

Unusual DHCP server options

Nothing a little static configuration can't overcome.

Unexpected Benefits

QoS is completely unnecessary.

Sound quality far exceeds that of the PSTN, even under the worst conditions.

Latency seems less annoying when it's not accompanied by degraded sound.

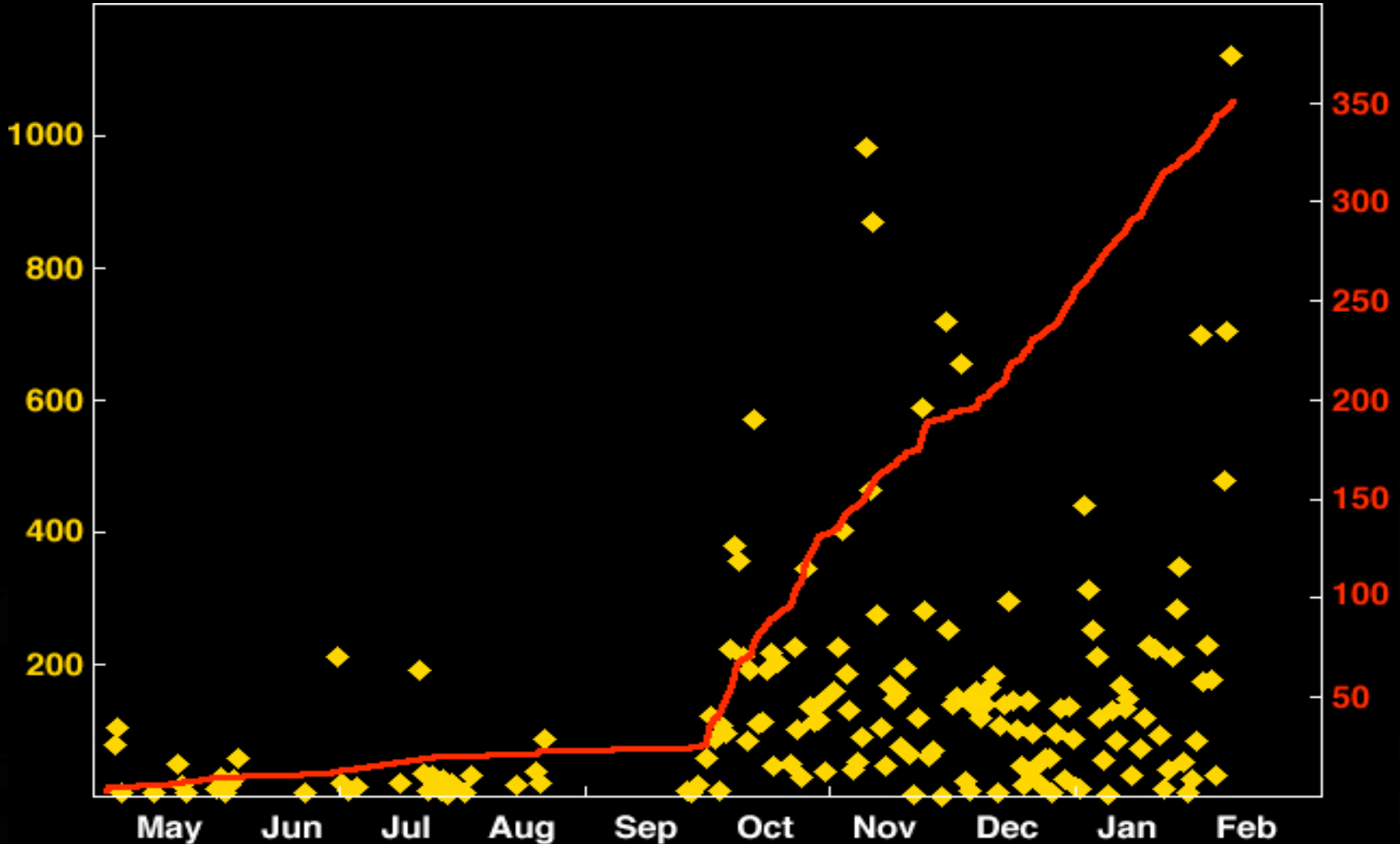
Is it Difficult to Set Up?

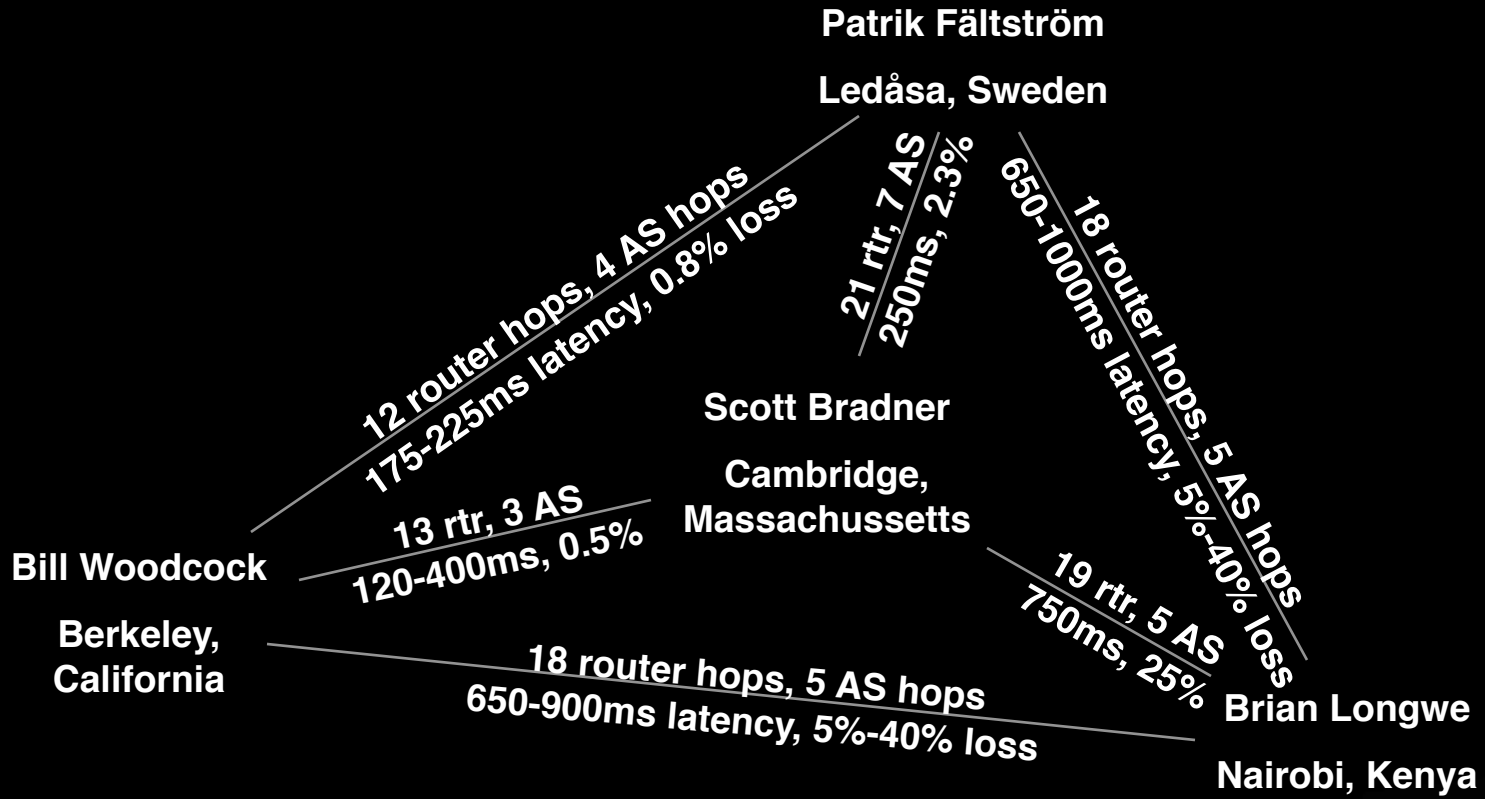
Not really.

Is it Difficult to Set Up?



Phone Deployment & Use





How to Participate

With your own phones:

We need your MAC address, contact info, ASNs, and extension number.

With phones from us:

We need your contact and shipping address, ASNs, and extension number.

More Information

General information:

<http://www.pch.net/inoc-dba/>

Mailing-list archive:

<http://www.pch.net/resources/discussion/inoc-dba/archive/>

Who's participating:

<http://www.pch.net/inoc-dba/directory/>

Exchanges

LINX	SD-NAP
PAIX	LAIX
Equinix	NSP-IXP2
AMS-IX	NOTA
MAEs	OIX

Carriers

UUnet	AT&T
Sprint	SBC
C&W	AO&T-W
Genuity	RCN
VeriøNTT	TDS

Associations

ARIN
APNIC
RIPE/NCC
ICANN
ISC