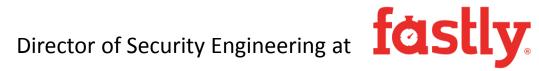
Incident Response

Art, Science and Engineering

Maarten Van Horenbeeck maarten@first.org

@maartenvhb

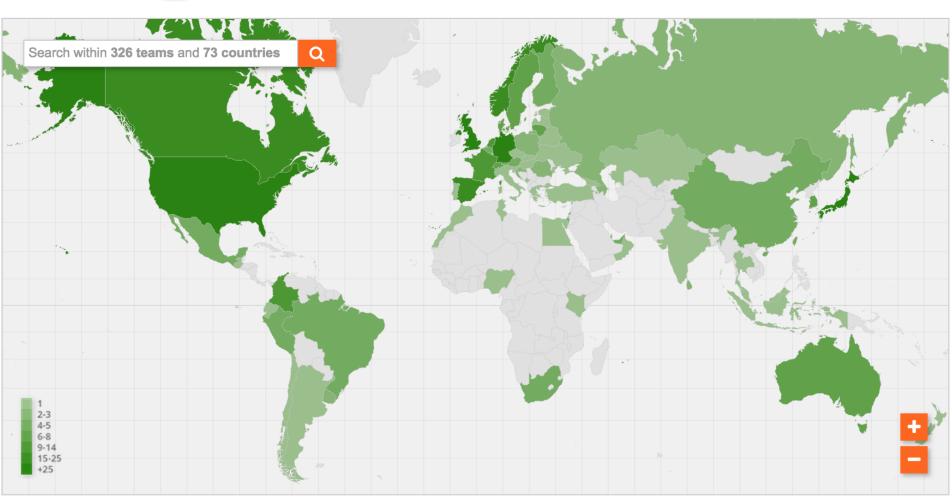


• Director and former Chairman of



Incident Responder.



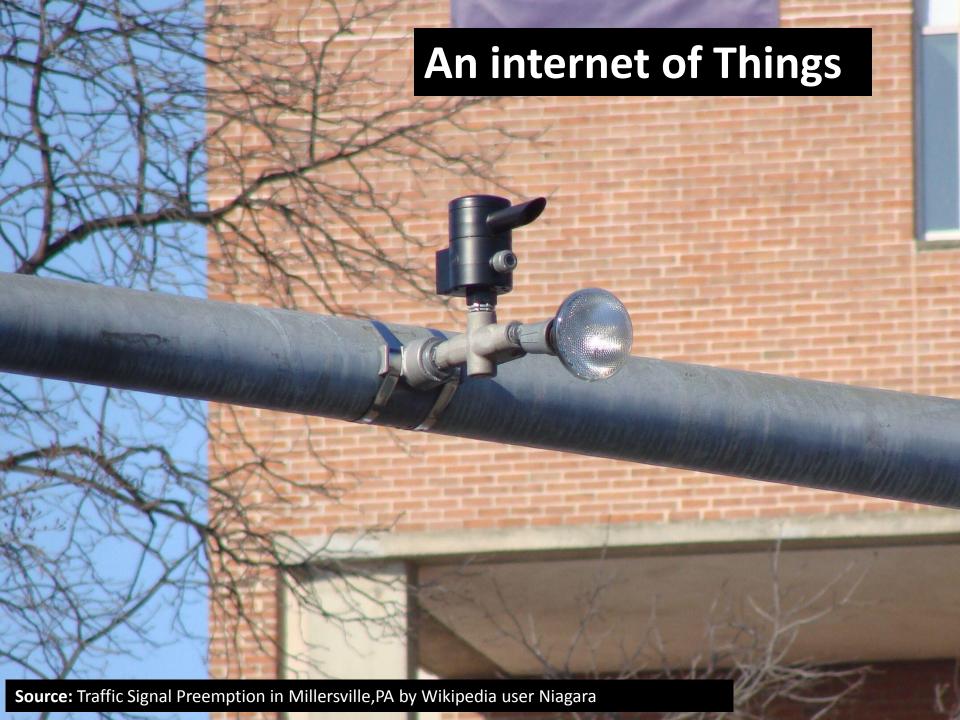


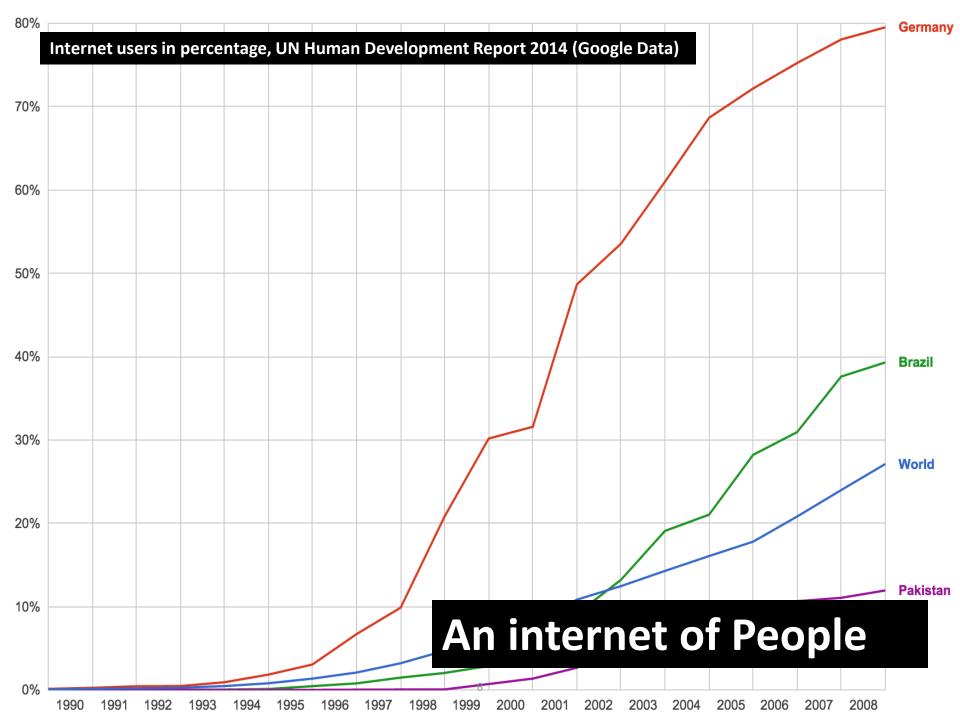




The times, they are a-changing.

Bob Dylan, 1964









Art:

"Quality according to aesthetic principles of what is appealing"

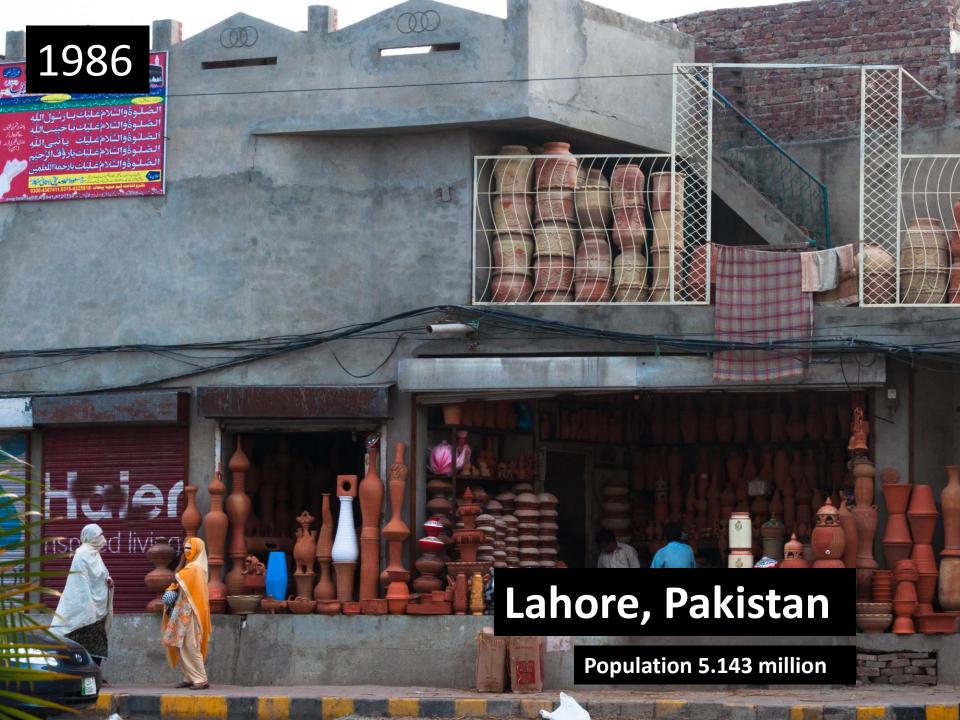
Science:

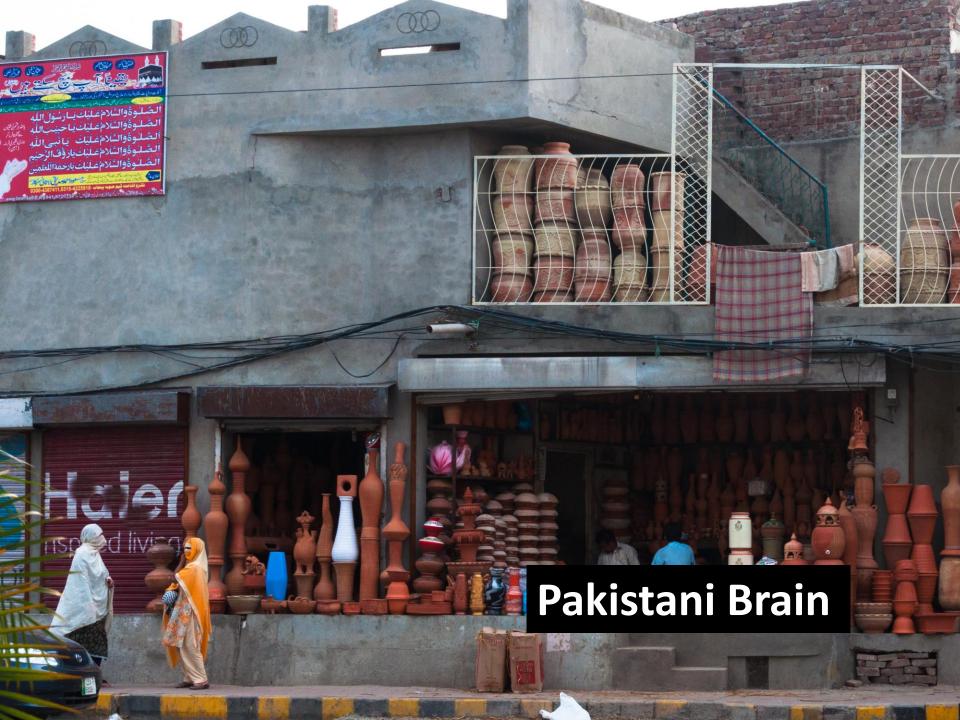
 "Branch of knowledge or study dealing with facts or truths showing general laws"

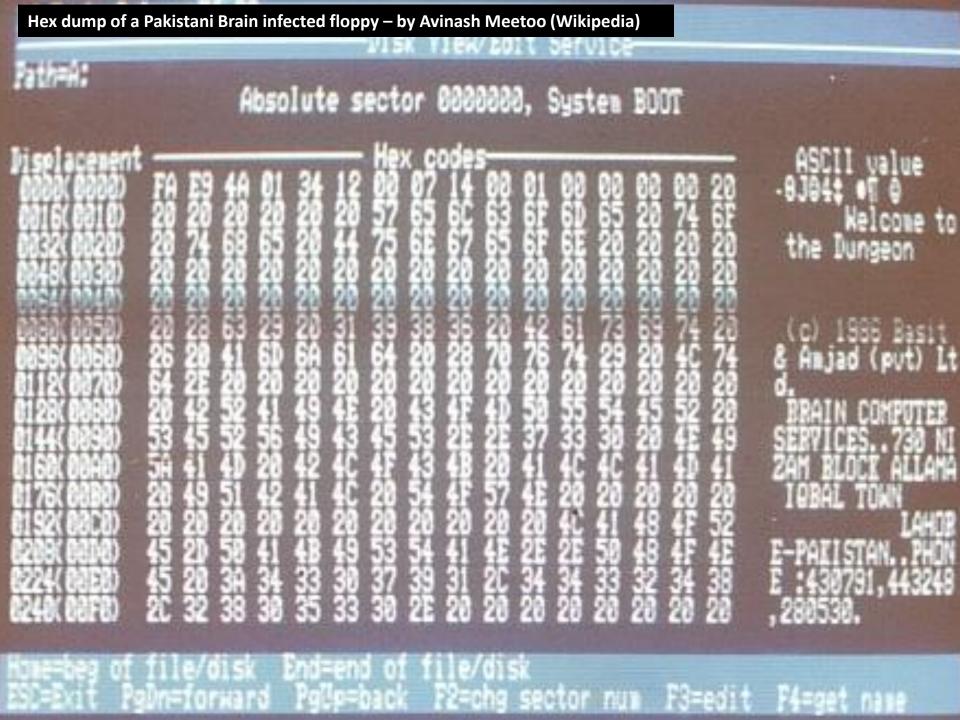
Engineering:

"Creating large structures using scientific methods"

Our common history





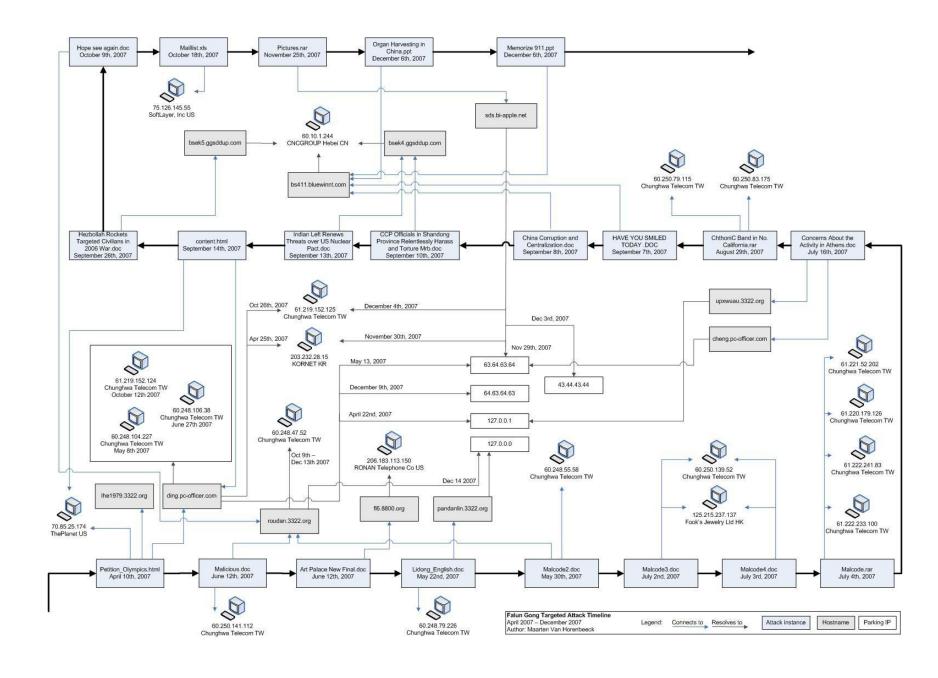


















Vulnerability in Windows Shell

Design issue, previously used in Zlob

DLL Preloading vulnerability

Vulnerability in Windows Shell

Vulnerability in Task Scheduler

Design issue, previously used in Zlob

Hash collision

DLL Preloading vulnerability

Vulnerability
in Windows
ShellVulnerability
in Task
SchedulerVulnerability
in Win32kDesign issue,
previously
used in ZlobMemory
corruptionDLL Preloading vulnerability

Vulnerability in Windows Shell	Vulnerability in Task Scheduler	Vulnerability in Win32k	Vulnerability in Print Spooler
Design issue, previously used in Zlob	Hash collision	Memory corruption	Design issue
DLL Preloading vulnerability			







DigiNotar





Is This MITM Attack to Gmail's SSL?



♠ ADD A REPLY

by alibo 8/27/11

Hi,

Today, when I trid to login to my Gmail account I saw a certificate warning in Chrome . I took a screenshot and I saved certificate to a file .

this is the certificate file with screenshot in a zip file: http://www.mediafire.com/?rrklb17slctityb

and this is text of decoded fake certificate: http://pastebin.com/ff7Yg663

when I used a vpn I didn't see any warning! I think my ISP or my government did this attack (because I live in Iran and you may hear something about the story of Comodo hacker!)





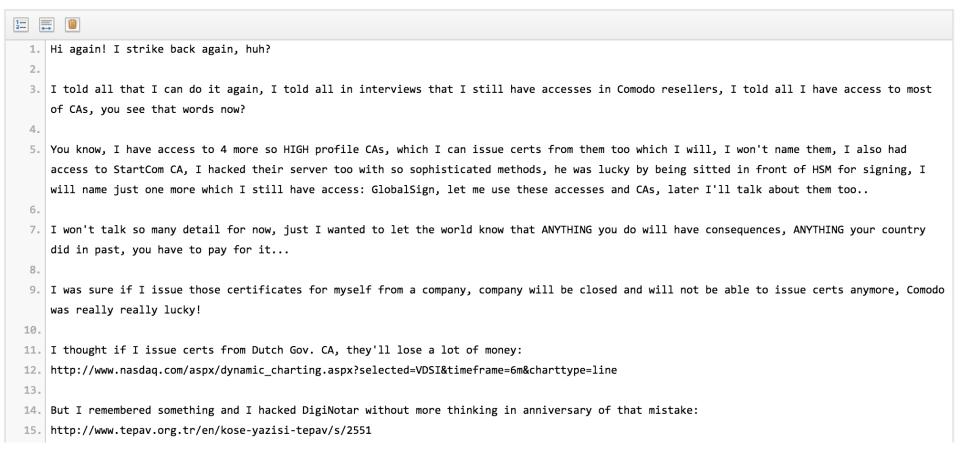


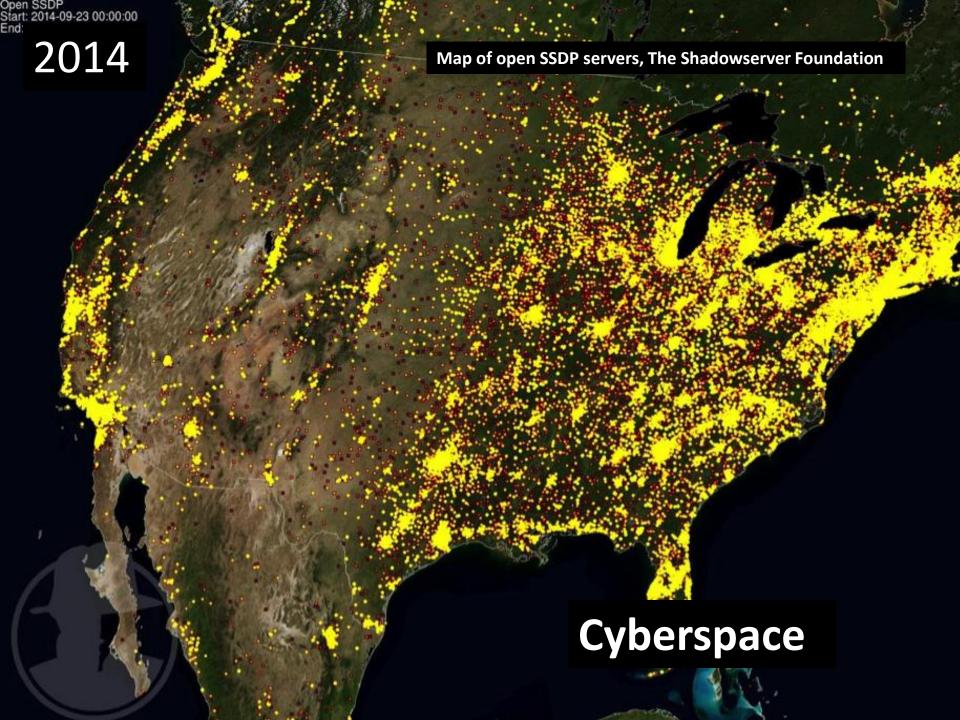
- 1. Hello
- 2.
- 3. I'm writing this to all the world, so you'll know more about us..
- 4.
- 5. At first I want to give some points, so you'll be sure I'm the hacker:
- 6.
- 7. I hacked Comodo from InstantSSL.it, their CEO's e-mail address mfpenco@mfpenco.com
- 8. Their Comodo username/password was: user: gtadmin password: globaltrust
- 9. Their DB name was: globaltrust and instantsslcms
- 10.
- Enough said, huh? Yes, enough said, someone who should know already knows...
- 12.

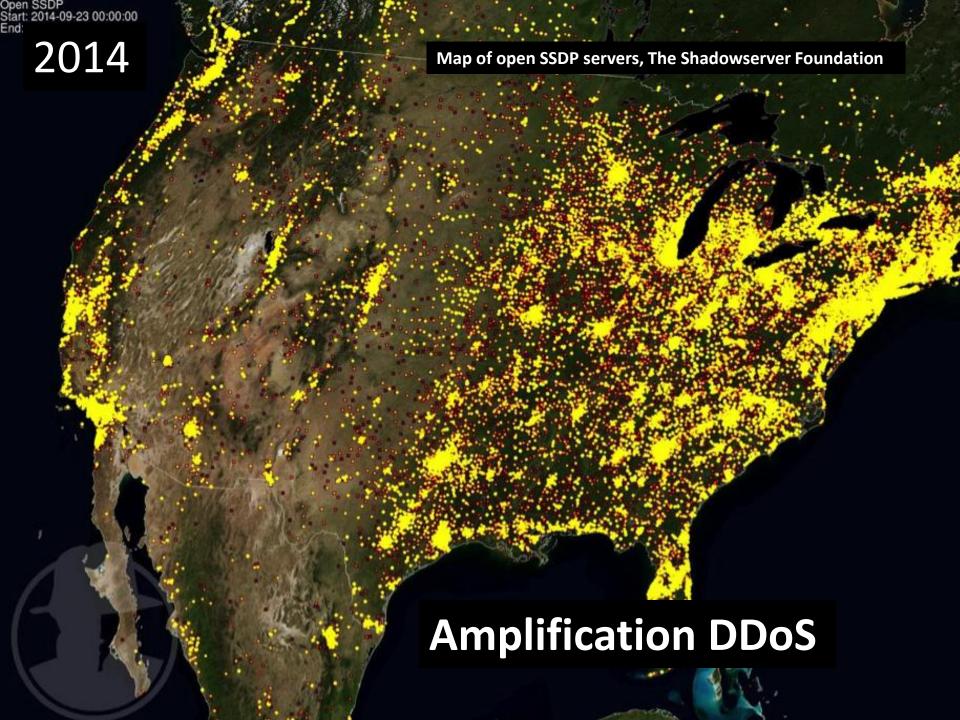
11.

- 13. Anyway, at first I should mention we have no relation to Iranian Cyber Army, we don't change DNSes, we
- 14.
- 15. just hack and own.

DigiNotar







Network Working Group

Request for Comments: 2827

Obsoletes: 2267

BCP: 38

Category: Best Current Practice

P. Ferguson

Cisco Systems, Inc.

D. Senie

Amaranth Networks Inc.

May 2000

Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing

Status of this Memo

This document specifies an Internet Best Current Practices for the Internet Community, and requests discussion and suggestions for improvements. Distribution of this memo is unlimited.

Copyright Notice

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Abstract

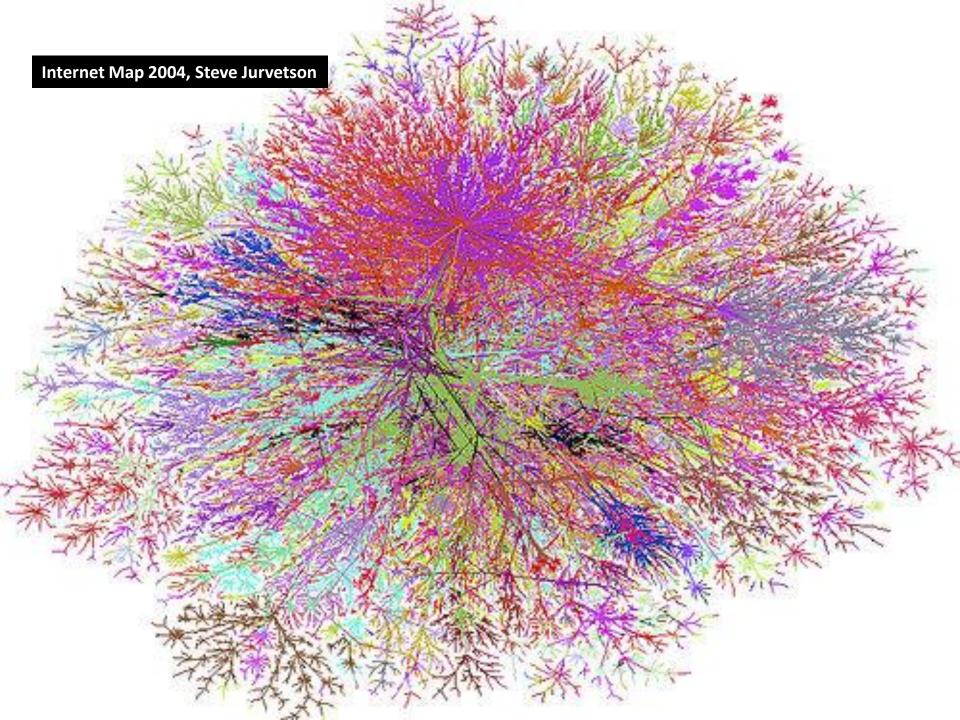
Recent occurrences of various Denial of Service (DoS) attacks which have employed forged source addresses have proven to be a troublesome issue for Internet Service Providers and the Internet community overall. This paper discusses a simple, effective, and straightforward method for using ingress traffic filtering to prohibit DoS attacks which use forged IP addresses to be propagated from 'behind' an Internet Service Provider's (ISP) aggregation point.







Dealing with complexity





Dealing with complexity

"Know who you're selling to"

- Build a community where we can reach others...
- ... and understand what others do.

"Transportation"

 Build the right tools for the job. Let automation do the hard work, humans the smart work.

• "Lingua franca"

Develop standards to work together better.

Dealing with complexity

- You make partners before you need them
 - Connect with industry groups and competitors
 - Participate and share information
- Know which technologies you know, and which you don't
 - Do you have or partner with reverse engineers?
- When something is the right thing to do, do it
 - Track and participate in standards
 - We all should have done this with BCP38 ©
- Researchers help protect your organization
 - Cherish and encourage their work

多謝