Technical Update .NA

Dr Eberhard W Lisse
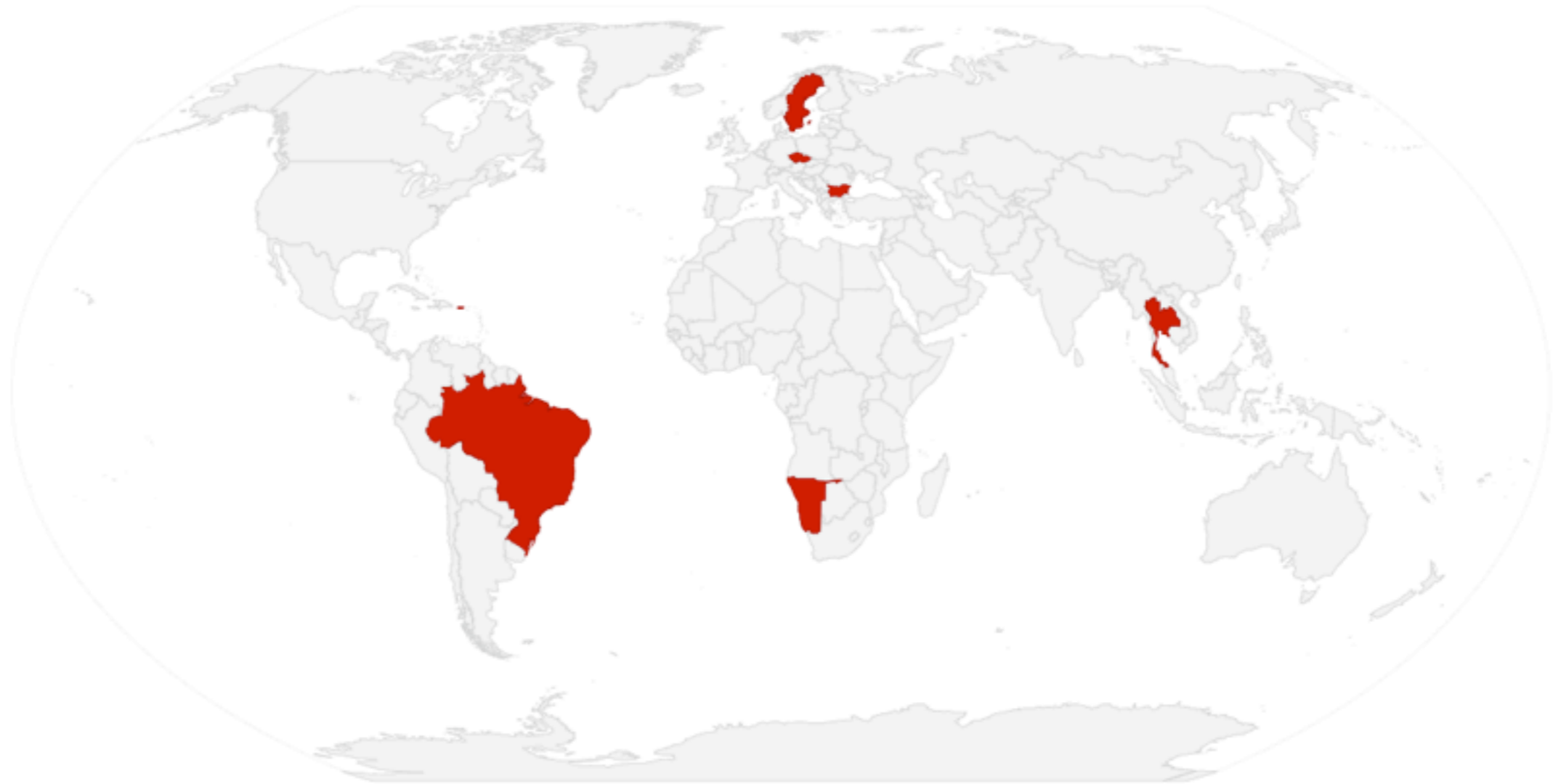
Namibian Network Information Centre (cc)

2009-10-26

DNSSEC

2009-09-01

Why?

Because!

- It should be done!
  - Financial Institutions
  - Government Institutions
- It can be done!
  - DNS
  - Clients

How Did We Do It?

- Ubuntu

  - 8.04.2 LTS (Server Edition)

  - Firewall

  - Serious Redundant Backup

- CoCCATools

  Automated Zone Generation

- Provisioning Script (Perl)

Provisioning

Perl Script

- Unzip CoCCATools latest Zone Files

- .NA

  - sign Zone File (BIND9 Tools)

  - scp both Zone Files gzipped to Primary

  - Primary Picks Up and Reloads Regularily

- Second Levels

  - unsigned (at present)

  - copy over to BIND directory (Hidden Primary)

  - reload BIND

Lessons Learned

- RTFM!

  Those Abbreviations...

- Lawrie's Law:

  If it Works on the First Attempt, there is Something Seriously Wrong!

- Hide the Key!

Thanks

Jeremy Hitchcock (DynDNS)

Peter Losher (ISC)

Bill Semich, Daniel Pouzzner (.NU)