

Prologue

Domain and DNS security workshop

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Three fundamental parts of the Internet infrastructure:

Border Gateway Protocol (BGP)

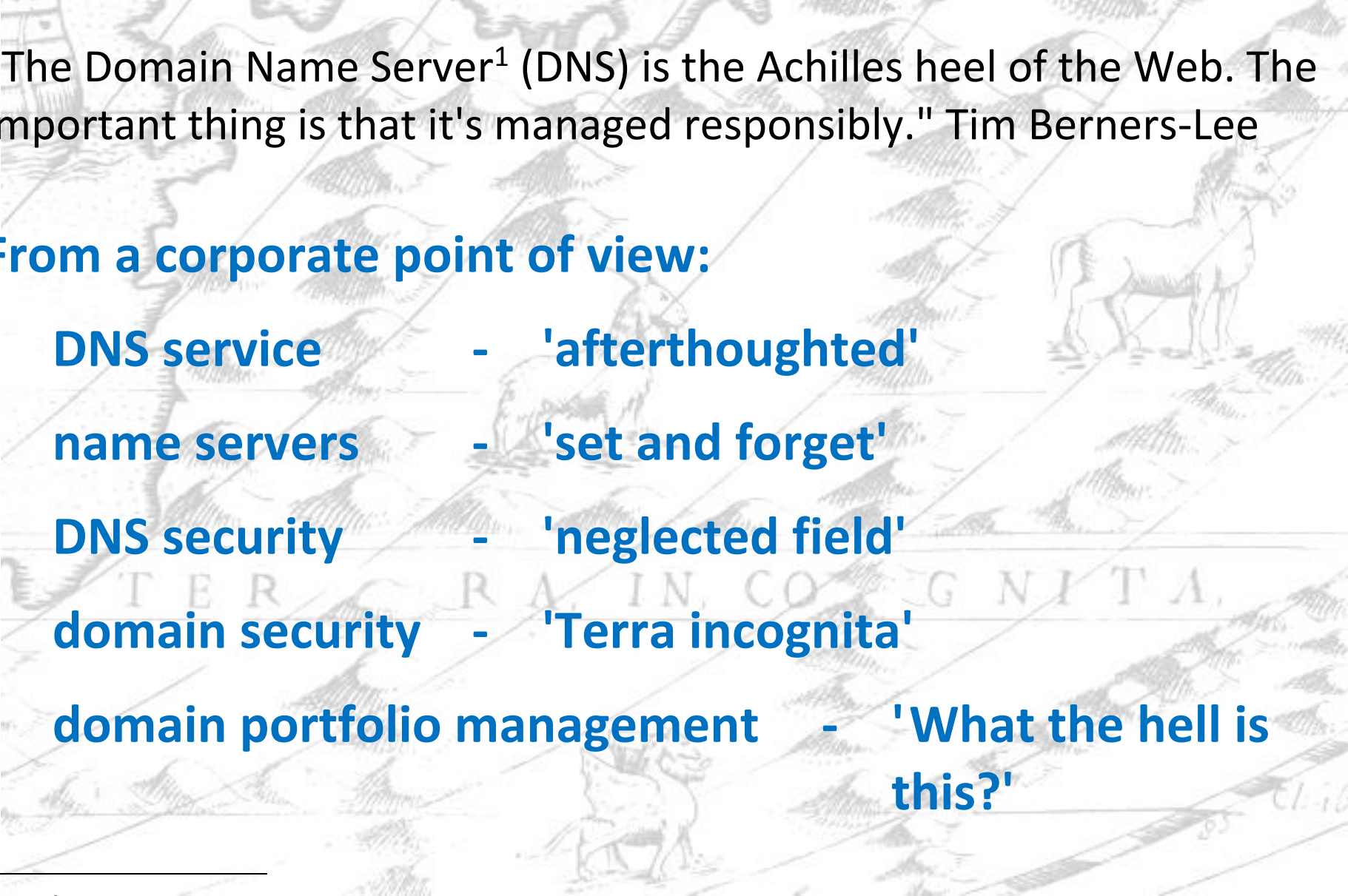
helps exchange routing information over the Internet

Domain Name System (DNS)

is a hierarchical and decentralized naming system for computers, services, or other resources connected to the Internet

Network Time Protocol (NTP)

is the de-facto means Internet hosts use to synchronize their clocks



"The Domain Name Server¹ (DNS) is the Achilles heel of the Web. The important thing is that it's managed responsibly." Tim Berners-Lee

From a corporate point of view:

- DNS service** - 'afterthoughted'
- name servers** - 'set and forget'
- DNS security** - 'neglected field'
- domain security** - 'Terra incognita'
- domain portfolio management** - 'What the hell is this?'

¹ Sic!

"There is nothing worse than a sharp image of a fuzzy concept."

Ansel Adams,

but, we have a fuzzy image of a fuzzy concept.

Domain and DNS

- Risk Assessment / Security Assessment
- Security Plan / Security Policy
- Management / Administration - HUMAN ERRORS