Unified Network Information Service (UNIS)

Ahmed El-Hassany (Indiana University)

GEMN

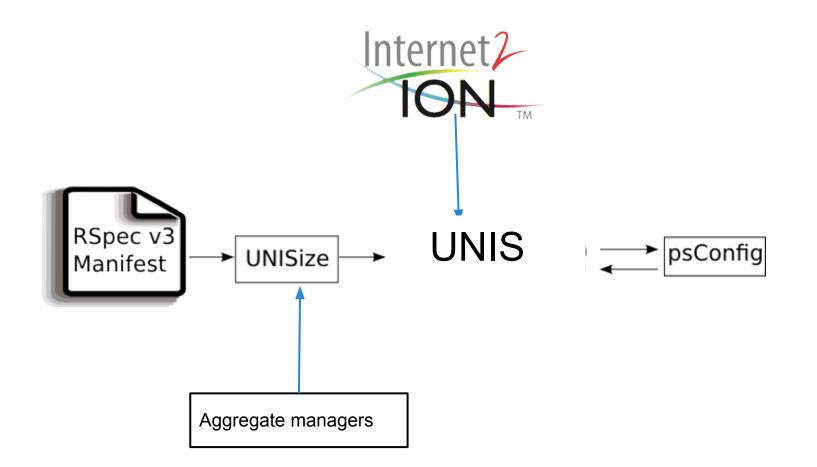
July 9, 2012

What is UNIS

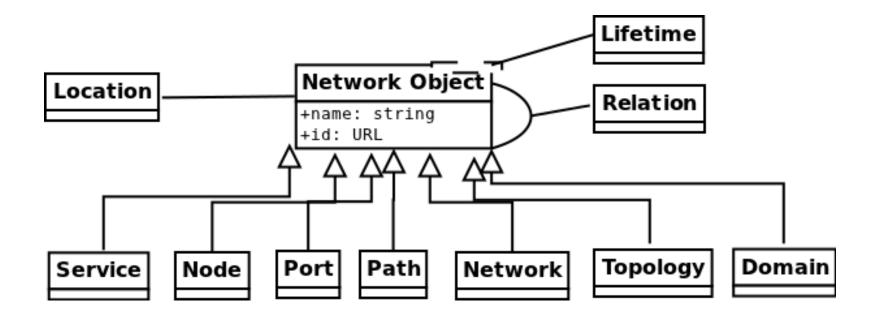
Topology Service + Lookup Service

plus: distributed configuration management Metadata index

How UNIS Works



UNIS Object Model



And Metadata

UNIS is Extensible

• All UNIS models are extendable with user specific properties.

How it works

- REST API
 - $\circ~$ HTTP GET, POST, PUT, and DELETE
- Hyperlinks to indicate relations between elements.
- Timestamp each change.

Where to go?

- Schemas are published at:
 - o http://unis.incntre.iu.edu/schema/20120709/

Questions?