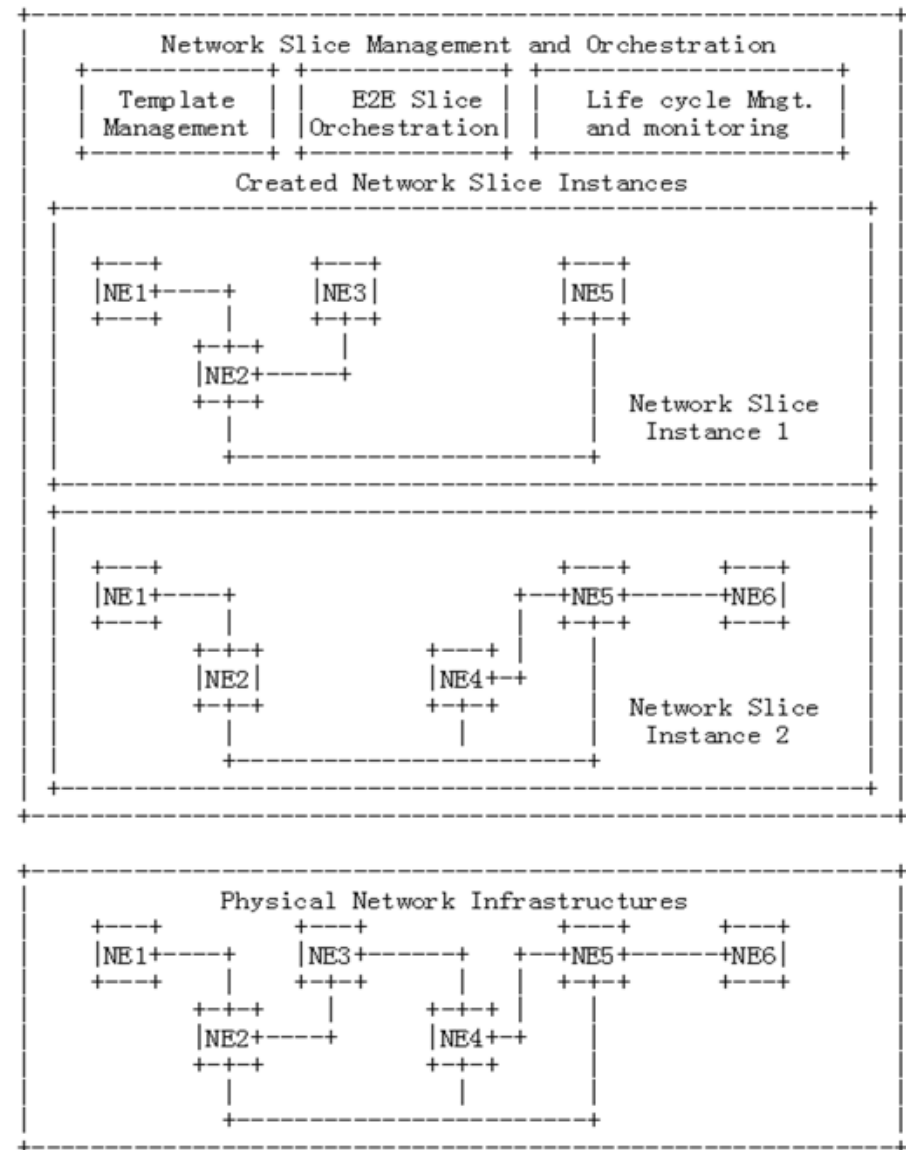


IETF Dynamic Management For Network Slicing

Sue Hares

Initial Architecture

- Network Slice Management and Orchestration system
 - Creation, modification, decommission of network slices in a timely manner
- Logical network slice instances
 - Diverse service and connectivity characteristics
- Physical network infrastructure
 - Shared computing, connectivity and storage resources



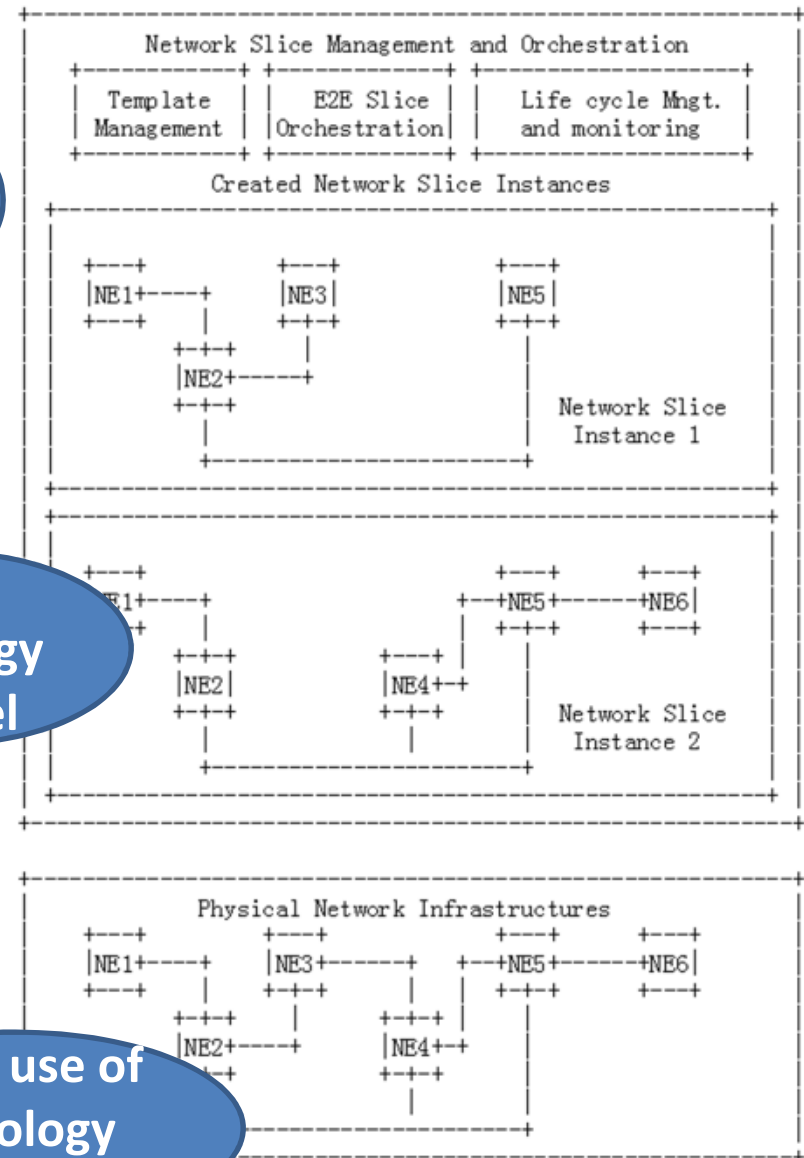
Initial Architecture

- Slice management – needs dynamic set-up/tear down control
- Network Slices – Needs Topology Information (VPN) + Traffic engineering of slices
- Network slices needs to be configured over Physical infrastructure

I2RS
Work

I2RS
Topology
MModel

TEAS use of
Topology
Model



GAP Analysis

- Needs to include I2RS, TEAS, NETCONF, DETNET existing work