

# Topologies in OpenNMS

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I know what I Like  
And  
I Like What I Know

Network Topology Maps vs Other Maps  
Who Knows what the Network Engineers want to see?

# What is a Topology

Set of Vertices and Edges

Enhanced provides raw  
data usable for Topologies

Discovery Strategies: CDP, LLDP, Bridge, OSPF and  
IS-IS

# Bridge Topology

Great Improvement of The Broadcast  
Domain Topology Calculation

# Bridge Topology

Broadcast Domain set of Shared Segments

Hierarchy

But no support for VLAN

# Bridge Topology

Shared Segments

Set of macs and Bridge Ports

# Bridge Topology

IpNetToMedia connects mac to Ip and  
then to Node



# Topology Rest Service

`opennms/rest/topologies`  
List the available Topologies

# Topology Service

Interface for providing Topologies in OpenNMS

TopologyUpdater

TopologyConsumer

Messaging

# CDP Topology

Available via REST Api

# OSPF and IS-IS TOPOLOGY

# LLDP TOPOLOGY

Bridge  
TOPOLOGY

# Yang TOPOLOGY

A model used and RFC

# Other TOPOLOGY

BSM

Consumer entinkd



No Questions?

See you soon