AutoGOLE Dashboard

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Automated GOLE

The **Global Lambda Integrated Facility** (GLIF) **Automated GOLE** is a collaboration of GLIF Open Lightpath Exchanges (GOLEs) and networks to deliver **dynamic circuits end-to-end**. To date this is achieved by using VLANs and QoS, although the underlying standard, the **Network Service Interface** (NSI) by OGF is technology agnostic.

The **Automated GOLE** was moved into **production** on Friday September 12, 2014.

The Dashboard

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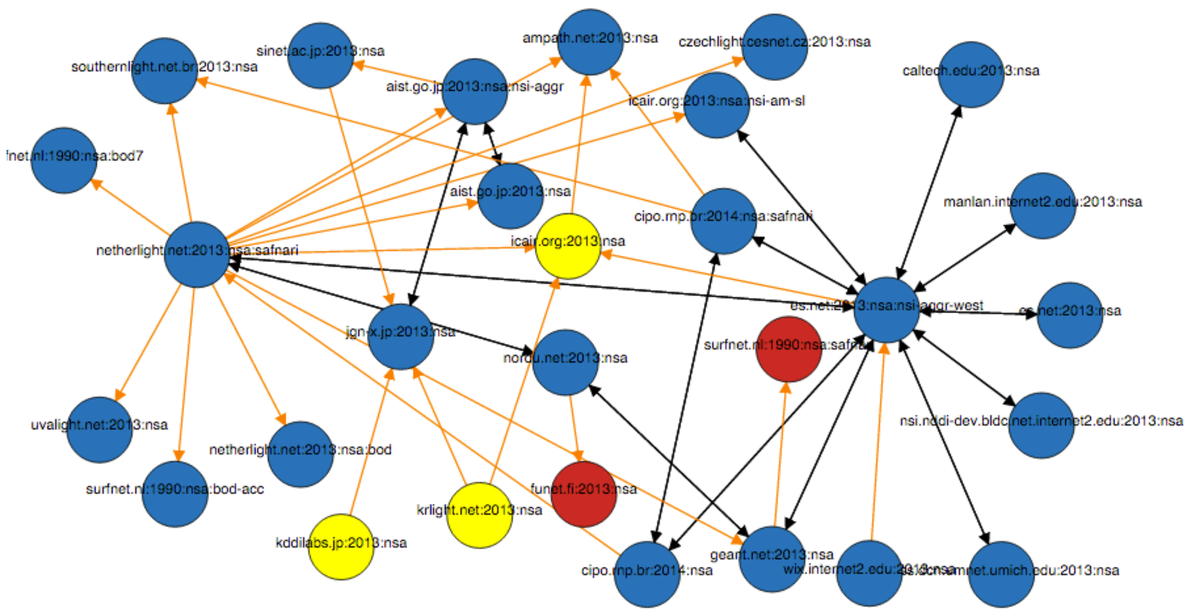
AutoGOLE Dashboard

Overview | Control Plane | Data Plane



isAlias Port Mismatches

urn:ogf:network:ampath.net:2(

Source Port	Destination Port
urn:ogf:network:ampath.net:2013:topology:internet2 -out	urn:ogf:network:nsi.nddi-dev.bldc.net.internet2.edu:2013:topology:ampath-in
urn:ogf:network:ampath.net:2013:topology:internet2 -in	urn:ogf:network:nsi.nddi-dev.bldc.net.internet2.edu:2013:topology:ampath-out

isAlias VLAN Mismatches

urn:ogf:network:caltech.edu:2

Source Port	VLANs	Destination Port	VLANs
urn:ogf:network:caltech.edu:2013::CER2024:eth2_1:esnet:out	3600-3619	urn:ogf:network:es.net:2013::sunn-cr5:8_1_1:caltech:in	2-4094
urn:ogf:network:caltech.edu:2013::CER2024:eth2_1:esnet:in	3600-3619	urn:ogf:network:es.net:2013::sunn-cr5:8_1_1:caltech:out	2-4094

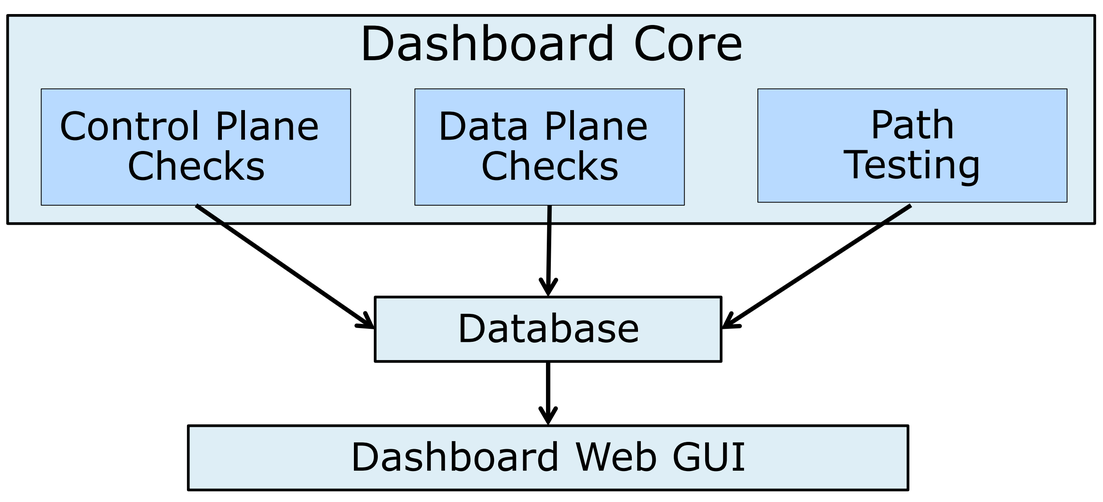
Switching Service

urn:ogf:network:funet.fi:2013:t

Switching Service	Label Swapping	Switch Type
urn:ogf:network:funet.fi:2013:topologyServiceDomain:a-gole:testbed:A-GOLE-EVTS	Yes	Wildcard

The **AutoGOLE Dashboard** is a **monitoring tool** that shows the **status** and **configuration** of the participating **NSI domains**. It actively performs **configuration checks**, indicating faults, and performs **connectivity tests** for NSA hosts and layer 2 paths.

Architecture



Features

- Global Overview for quick fault finding
- Control and Data Plane graphs
- Detailed information about the Control and Data Plane
- Configuration and Connectivity checks
- Data Plane path testing by making periodic test reservations

More Information

Dashboard available on: http://dashboard.lab.uvalight.net

http://www.glif.is

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