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LHCONE

Large Hadron Collider Open Network Environment

Information

- Recent LHCONE meetings
- How to get write access to this Twiki

LHCONE L3VPN Service

- L3VPN Service (VRFs, Connected sites)
- Maps
- How to connect to the LHCONE L3VPN
- LHCONE AUP
- How to provide a regional instance of the LHCONE L3VPN backbone (for Network Operators)
- MTU recommendations

Operations

- Support
  ◆ To get support for LHCONE issues, please contact your local network provider. They will escalate to the right upstream providers, if necessary
  ◆ for problems with perfSONAR, you can contact wlcg-perfsonar-support@cernNOSPAMPLEASE.ch
- Looking Glasses:
  ◆ GEANT - add routing-instance lhcone-l3vpn in the argument field
- VRFs Traffic Statistics:
  ◆ CERNlight
  ◆ ESnet
  ◆ Geant (login needed)
  ◆ Internet2
  ◆ Renater

- perfSONAR stats
  ◆ On CERN Graphana

Monitoring

- WLCG monit-grafana
- perfSONAR
- MaDDash LHCONE
- MaDDash WLCG
- LHCONE BGP Filtering State
- ESnet LHCONE prefixes (JSON)
- ESnet LHCONE IPv6 prefixes (JSON)

Deprecated pages:

- Perfsonar-PS sites
- Perfsonar-MDM
LHCONE P2P Service

- P2P Service
- Minutes of meetings and calls
Working Groups

- Operations
- VRF
- Trill/SPB
- Openflow
- NSI
- Diagnostic
- Software APIs
- Mailing lists:
  - lhcone-architecture@cernNOSPAMPLEASE.ch (mailing list archive)
  - lhcone-operations@cernNOSPAMPLEASE.ch (mailing list archive)
  - lhcone-asia-pacific@cernNOSPAMPLEASE.ch (mailing list archive)
  - If you have a CERN account you can subscribe here. Otherwise ask extip@cernNOSPAMPLEASE.ch