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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

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