# UniBE update Autumn 2023

- Network
- Storage
- ·OS

#### Network LHCOPN PL-NCBJ CN-IHEP KR-KISTI TW-ASGC RRC-KI RRC-JINR AS 198743 AS 59624 AS 2875 AS 17579 AS 24167 **CA-TRIUMF ES-PIC** AS 43115 AS 36391 **US-BNL DE-KIT** CH-CERN AS 58069 AS 43 AS 513 FR-CCIN2P3 **US-FNAL** AS 789 AS 3152 IT-INFN-CNAF NL-T1 NL-T1 NDGF NDGF **UK-RAL** Scandinavia AS 39590 **SURF AS 1162** NIKHEF AS 1104 UniBern AS 216467 AS 43475 AS 137 10Gbps = Alice = Atlas = CMS = LHCb 20Gbps 100Gbps https://twiki.cern.ch/twiki/bin/view/LHCOPN/OverallNetworkMaps edoardo.martelli@cern.ch 20231003 200 Gbps 400 Gbps **UniBE news Autumn 2023**

#### Numbers

- 18 sites for 15 Tier1s + 1 Tier0
- PL-NCBJ just joined, CN-IHEP and NDFG-LHEP in the process to connect
- 15 countries in 3 continents
- 2.1 Tbps to the Tier0

### Network

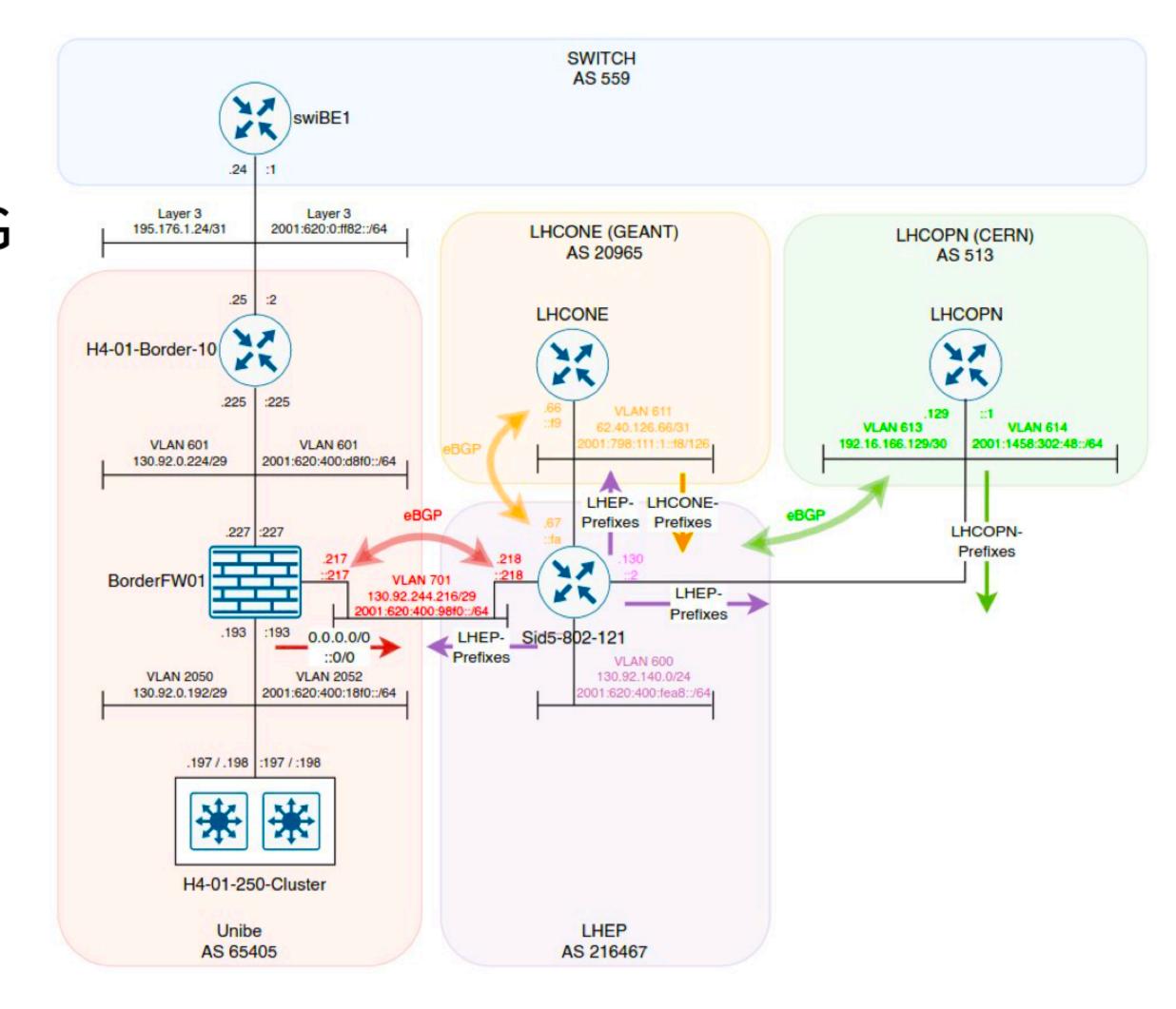
# LHEP (CH) new NDGF Tier1 site

LHEP at University of BERN has joined the NDGF distributed Tier1.

LHEP will be connected to CERN with a 100G LHCOPN link

The physical connection is provided by SWITCH (Swiss NREN) and it is already in place.

LHCOPN routing will be configured in November 2023





## Storage and OS

- 2.2 PB on 5 servers, CentOS 7
- recently added 180 TB to cover the reservation for CH ATLASLOCALGROUPDISK
- Further purchases on hold due to the lack of storage accounting
  - SRR for federated storage not happening
  - Emailing WLCG on a regular basis does not help
  - Suggestions?
- Only recently started looking at Alma Linux 9
  - Transition sometimes before the CentOS 7 EOL