



LHCOPN status

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Recent achievement

Gridka-CNAF: 10G link (provided by DFN-SWITCH-GARR) configured for mutual dynamic backup (BGP routing).

SARA: designed solution for routing to the LHCOPN.

PIC: 10G lambda Madrid-Geneva ordered to Dante.

TRIUMF: 5G link configured with BGP, fully operational. Previous 1G link kept for dynamic backup.

CERN: Direct link between the two LHCOPN routers. It improves reliability to T1-T1 transit also in case of prolonged power outage at CERN.

On-hold

NDGF: 10Gbps link to CERN still not used (dedicated router not provisioned yet).

RAL: 10Gbps link still using static routing (public AS number not assigned yet).

GRIDKA-SARA: direct link provisioned but not in use yet.

Upcoming



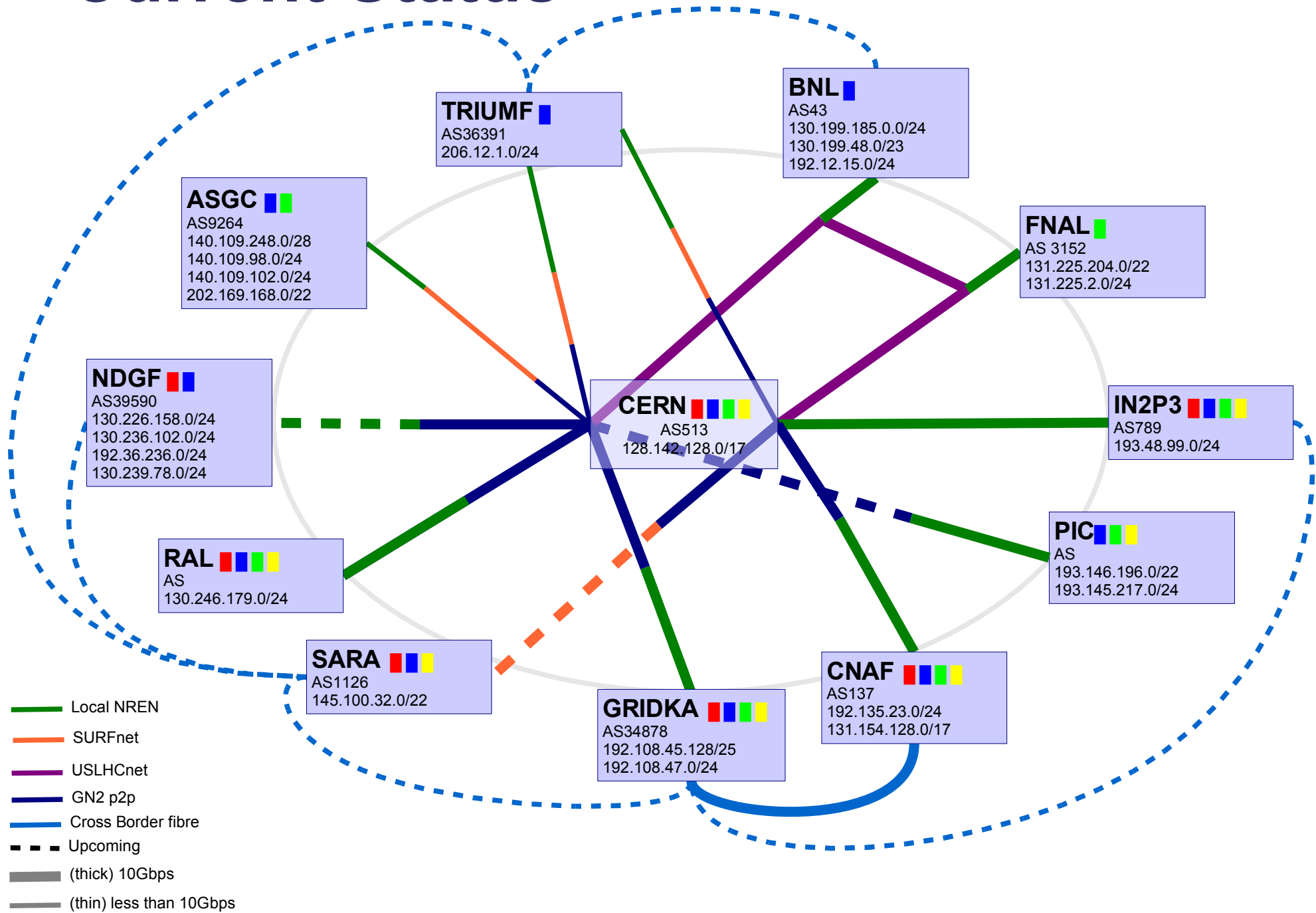
TRIUMF-BNL link

TRIUMF-SARA link

SARA-NDGF link

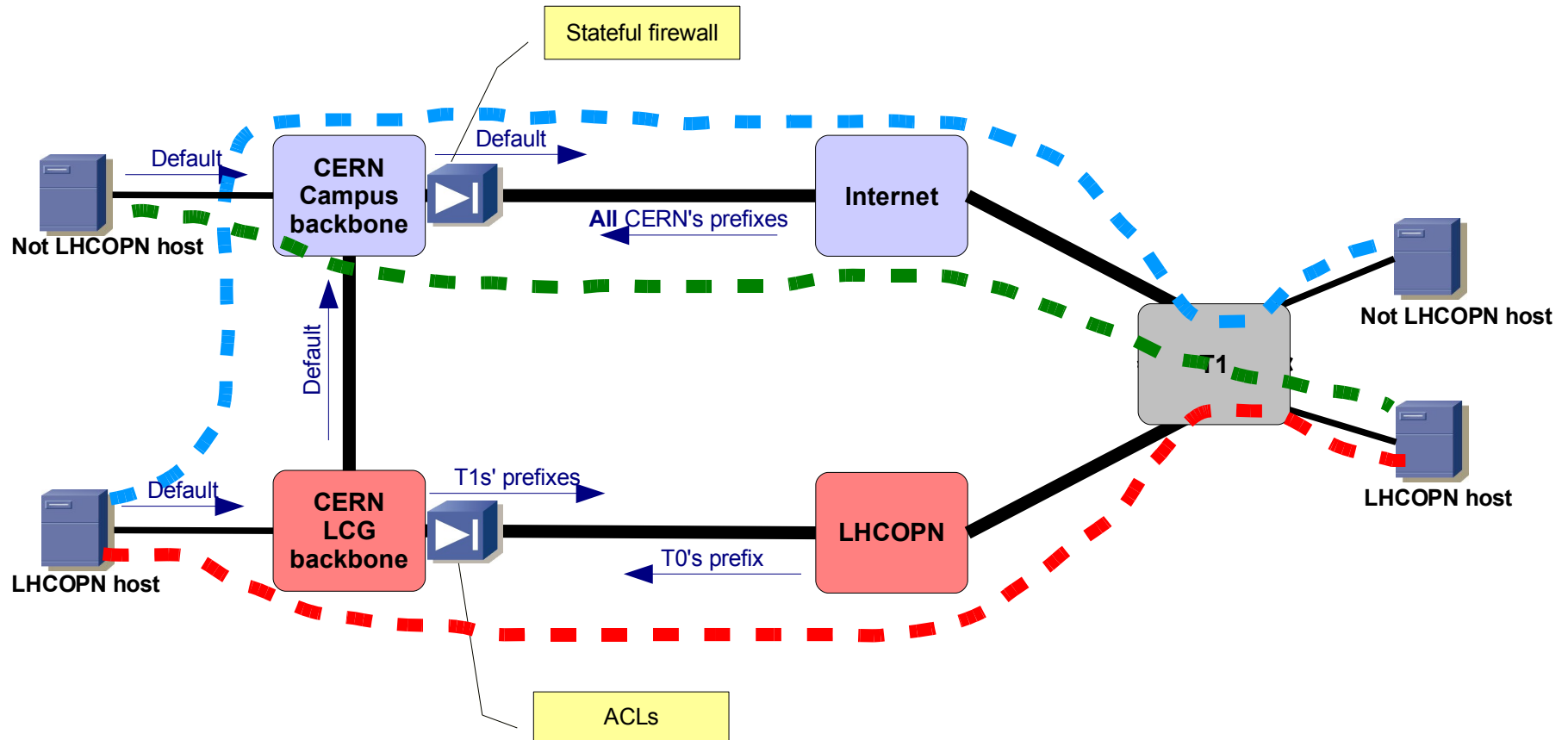
GRIDKA-IN2P3 link

Current Status



Routing in the LHCOPN

Routing must be symmetric



- LHCOPN host to LHCOPN host
- T0's LHCOPN host to T1's not LHCOPN host
- T0's not LHCOPN host to T1's LHCOPN host

SARA solution

