NOTED demonstration at SC21

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NOTED demo at SC21

Components:

- NOTED controller and FTS at CERN
- Data storage at CERN and TRIUMF
- AutoGOLE/SENSE circuit between CERN-TRIUMF and KIT-TRIUMF provided by SURF, ESnet, CANARIE, STARLIGHT, DFN, GEANT









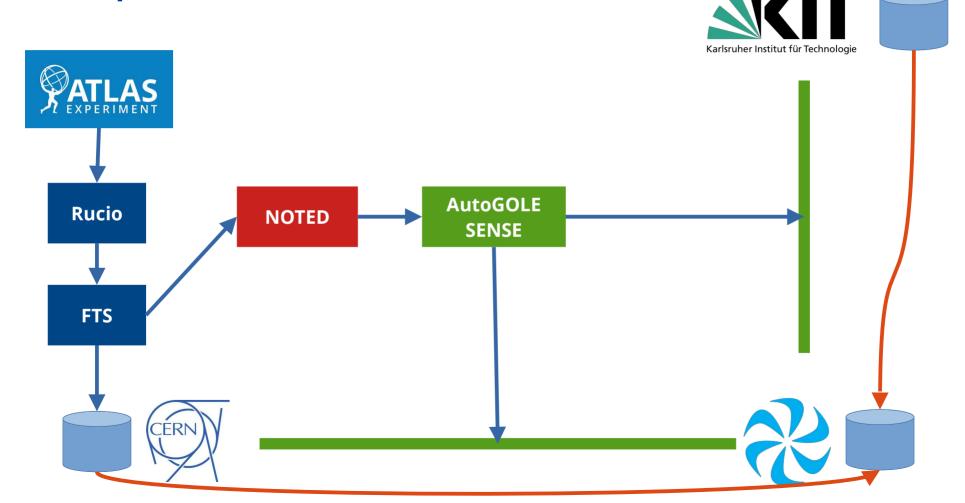








Components



NOTED demo: CERN-TRIUMF

The NOTED controller will look for large data transfers from CERN to TRIUMF in FTS

Once detected, it will request a circuit from CERN to TRIUMF to the AutoGOLE/SENSE provisioning system

The LHCOPN routers at CERN and TRIUMF will route the data transfer over the new circuit

When the transfer is completed, the circuit is released and the traffic is routed back to the production LHCOPN link

NOTED demo: KIT-TRIUMF

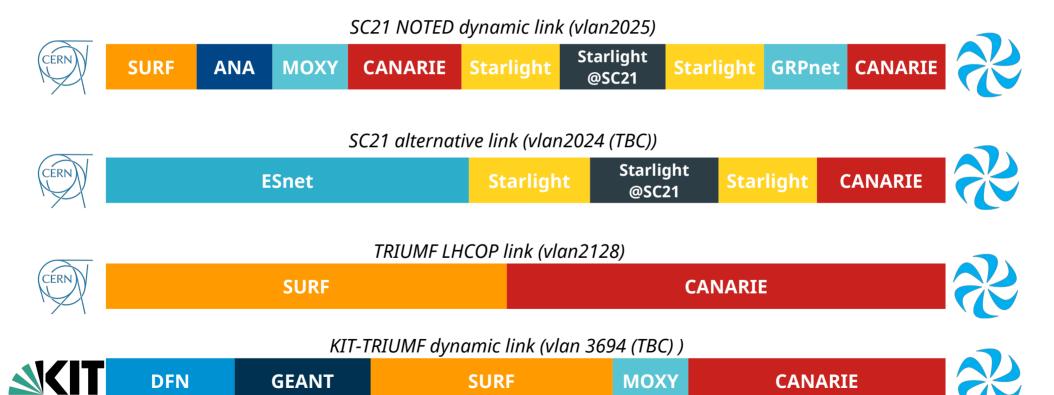
The NOTED controller will look for large data transfers from KIT to TRIUMF in FTS

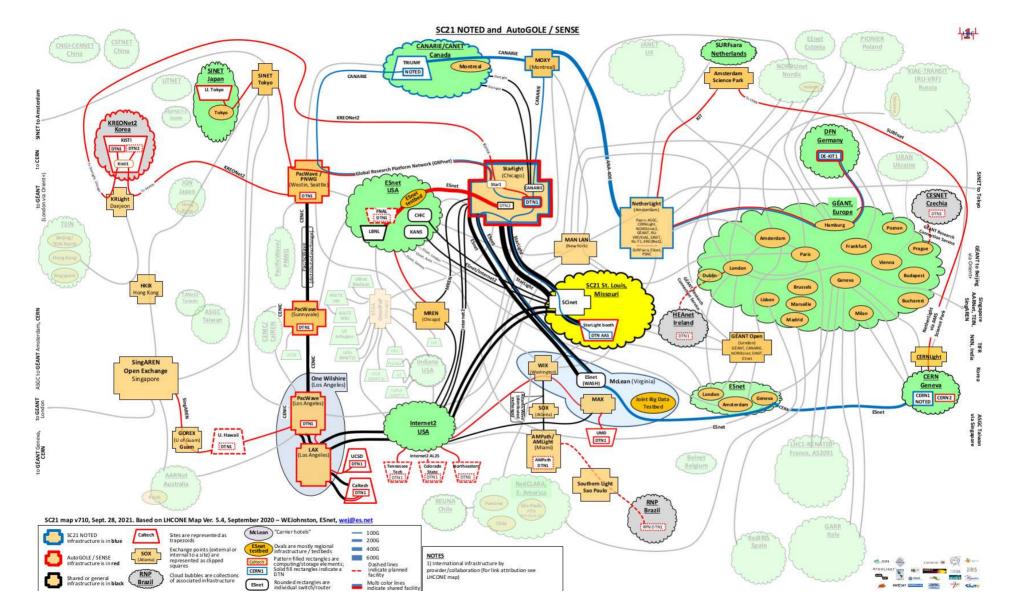
Once detected, it will request a circuit from KIT to TRIUMF to the AutoGOLE/SENSE provisioning system

The LHCOPN routers at KIT and TRIUMF will route the data transfer over the new circuit

When the transfer is completed, the circuit is released and the traffic is routed back to the production path

Links and interconnections providers





Questions?

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