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SWITCH (Swiss NREN, AS559) since 1996

- 1996–2011, 2020–2022: backbone team
- IETF: IPFIX, NETCONF
- Research interests:
 - Network measurement
 - Alternative Internet architectures e.g. SCION, other src routing
- Engineering/ops: automation, accounting (Netflow/IPFIX), IPv6
- P4: RARE/freeRtr, packet broker
- Also DNS(SEC) for .CH/.LI
- 2011–2020: “cloud” (infrastructure & data)
- OpenStack, Ceph
- “Whitebox” networking, L3 leaf-spine fabric

Questions

- How can “Research Networks” effectively support networking research these days?
 - Space between carefully isolated “testbeds” and boring(?) production backbones that everybody expects to work 24x7
- How can we share flow data (derivatives) safely/usefully?