

PEERING AND RINEX STAKEHOLDER WORKSHOP

Course Content Summary

This is a technical workshop made up of lecture and hands-on lab work that covers IXP concepts & operations, routing protocols, network monitoring tools and peering best practices.

DAY 1: Routing Protocols

- OSPF Overview
- OSPF Lab
- BGP Introduction
- Scaling BGP
- iBGP Lab

DAY 2: Border Gateway Protocol

- BGP Attributes
- BGP Policy
- eBGP Lab

DAY 3: Border Gateway Protocol (Continuation)

- BGP Multihoming introduction
- BGP Multihoming Inbound & Outbound TE

DAY 4: IXP concepts

- Value of Peering
- Private Peer + Lab
- IXP peering + Lab
- BGP best practices
- Peering Policies + Lab
- IXP Bilateral

DAY 5: Monitoring Tools

- LibreNMS installation
- Presentation from RICTA about RINEX service
- Testimonial from BNR/RRA