Workshop Detailed Description

Pre-requisites

- It is assumed that the workshop participants know how to use a router command line interface, do basic router configuration and have a working knowledge of an IGP (OSPF or IS-IS) and BGP fundamentals.
- This workshop is not an introduction. The lab exercises use Cisco IOS configuration syntax.
- Required to bring own laptops - (Windows/Linux/macOS) with wireless

Class size

The workshop can accommodate up to 28 participants

Workshop topics

- IS-IS design and best practices for Service Provider networks
- BGP attributes and policy
- BGP scalability (including Route Reflectors and Communities)
- Aggregation
- IPv6 Protocol and Standards
- IPv6 extensions for routing protocols
- IPv6 addressing and address planning
- IPv6 transition techniques
- IPv6 deployment case study

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