SANOG XXXIV

# IPv6 Routing

## Time Schedule

| | |
|---|---|
| Session 1 | 09:00 - 10:30 |
| Break | 10:30 - 11:00 |
| Session 2 | 11:00 - 12:30 |
| Lunch | 12:30 - 14:00 |
| Session 3 | 14:00 - 15:30 |
| Break | 15:30 - 16:00 |
| Session 4 | 16:00 - 17:30 |

## Instructors

| FL | Name | Organisation | Country |
|---|---|---|---|
| ZK | Md Zobair Khan | APNIC - APNIC Community Trainer | Bangladesh |
| PS | Philip Smith | APNIC | Australia |

## Workshop Sessions

| Session | Topic | Inst | Presentations | Exercises | Address Plans |
|---|---|---|---|---|---|
| **Saturday** | | | | | |
| Session 1 | Introductions | PS | PDF | | |
| | Routing Basics | | PDF | | |
| Session 2 | Lab Setup | All | | PDF | Address Plan PDF |
| | Introduction to IPv6 | | PDF | | |
| Session 3 | IPv6 Standards and Protocols | | PDF | | |
| Session 4 | IPv6 Lab Setup | All | | PDF | Address Plan PDF |
| **Sunday** | | | | | |
| Session 1 | IPv6 Addressing | | PDF | | |
| | IPv6 Addressing Lab | All | | PDF | |
| Session 2 | Introduction to IS-IS | | PDF | | |
| | IS-IS Lab | All | | PDF | |
| Session 3 | IPv6 Routing Protocols | | PDF | | |
| | ISIS for IPv6 | | PDF | | |
| Session 4 | IPv6 ISIS Lab | All | | PDF | |
| | Introduction to BGP | | PDF | | |
| **Monday** | | | | | |
| Session 1 | iBGP Lab | All | | PDF | |
| | BGP for IPv6 | | PDF | | |

| Session | Topic | Inst | Presentations | Exercises | Address Plans |
|---|---|---|---|---|---|
| Session 2 | IPv6 iBGP Lab | All | | PDF | |
| | BGP Scaling Techniques | | PDF | | |
| Session 3 | Route Reflector Lab (IPv4) | All | | PDF | |
| | Route Reflector Lab (IPv6) | All | | PDF | |
| Session 4 | IPv6 Transition Planning | | PDF | | |
| **Tuesday** | | | | | |
| Session 1 | BGP Attributes | | PDF | | |
| Session 2 | iBGP and eBGP Lab | All | | PDF | Address Plan PDF |
| Session 3 | IPv6 iBGP and eBGP Lab | All | | PDF | Address Plan PDF |
| Session 4 | BGP Best Practices | | PDF | | |
| **Wednesday** | | | | | |
| Session 1 | BGP Policy Control | | PDF | | |
| Session 2 | BGP Route Filtering Lab | All | | PDF | |
| Session 3 | IPv6 BGP Route Filtering Lab | All | | PDF | |
| Session 4 | OSPF vs IS-IS | | PDF | | |
| | OSPF to IS-IS migration | | PDF | | |
| | Configuring Dynamips | | Dynamips NET file | | |
| | Q&A and Closing | All | | | |

## Resources

- Putty
- Telnet for macOS (10.13 onwards)
- Dynamips configuration

Back to Home page

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Permanent link:
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