



IPv4 and IPv6 Routing Workshop

Time Schedule

| | |
|-----------------|---------------|
| Session 1 | 09:00 - 10:30 |
| Break | 10:30 - 11:00 |
| Session 2 | 11:00 - 12:30 |
| Lunch - Offsite | 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 |
|----|-------------------|------------------------------------|------------|
| AB | Anurag Bhatia | Hurricane Electric | India |
| JP | Jordi Palet | Consulintel | Spain |
| SB | Simon Sohel Baroi | Fiber@Home | Bangladesh |
| PS | Philip Smith | APNIC | Australia |

Workshop Sessions

| Session | Topic | Inst | Presentations | Exercises | Address Plans |
|-----------------|------------------------------|-------|---------------------|---------------------|----------------------------------|
| Thursday | | | | | |
| Session 1 | Evacuation Instructions | | PDF | | |
| | APNIC 46 Promo | | PDF | | |
| | Introductions | PS | PDF | | |
| | Routing Basics | SB | PDF | | |
| Session 2 | Lab Setup | PS/SB | | PDF | Address Plan PDF |
| | Introduction to IPv6 | PS | PDF | | |
| Session 3 | IPv6 Standards and Protocols | PS | PDF | | |
| Session 4 | IPv6 Lab Setup | PS/SB | | PDF | Address Plan PDF |
| Friday | | | | | |
| Session 1 | IPv6 Addressing | PS | PDF | | |
| Session 2 | IPv6 Addressing Lab | PS/SB | | PDF | |
| | Introduction to IS-IS | SB | PDF | | |

| Session | Topic | Inst | Presentations | Exercises | Address Plans |
|-----------------|-------------------------------------|-------|---------------------|---------------------|----------------------------------|
| Session 3 | IS-IS Lab | PS/SB | | PDF | |
| | IPv6 Routing Protocols | PS | PDF | | |
| | IS-IS for IPv6 | PS | PDF | | |
| Session 4 | IPv6 IS-IS Lab | PS/SB | | PDF | |
| | Introduction to BGP | SB | PDF | | |
| | iBGP Lab | PS/SB | | PDF | |
| Saturday | | | | | |
| Session 1 | BGP for IPv6 | PS | PDF | | |
| | IPv6 iBGP Lab | PS/SB | | PDF | |
| Session 2 | BGP Scaling Techniques | PS | PDF | | |
| | Route Reflector Lab (IPv4) | PS/SB | | PDF | |
| | Route Reflector Lab (IPv6) | PS/SB | | PDF | |
| Session 3 | iBGP and eBGP Lab | PS/SB | | PDF | Address Plan PDF |
| | BGP Attributes | SB | PDF | | |
| Session 4 | IPv6 iBGP and eBGP Lab | PS/SB | | PDF | Address Plan PDF |
| Sunday | | | | | |
| Session 1 | Stateless Address Autoconfiguration | JP | PDF | PDF | |
| Session 2 | DHCPv6 | JP | PDF | PDF | |
| Session 3 | IPv6 Transition Technologies | JP | | PDF | |
| Session 4 | NAT64/DNS64/464XLAT Lab | JP | | PDF | |
| Monday | | | | | |
| Session 1 | BIND9 and Apache for IPv6 | JP | PDF | PDF | |
| Session 2 | IPv6 Deployment | JP | PDF | | |
| Session 3 | IPv6 on Mobile Networks | JP | PDF | | |
| Session 4 | OSPF vs ISIS | SB | PDF | | |
| | OSPF to ISIS migration | PS | PDF | | |
| | Q&A and Closing | All | | | |

Resources

- [Putty](#)
- [Telnet](#) for macOS (10.13 onwards)
- [Dynamips configuration](#)

[Back to Home page](#)

From: <https://bgp4all.com.au/pfs/> - Philip Smith's Internet Development Site

Permanent link: <https://bgp4all.com.au/pfs/training/apnic46/agenda?rev=1536121231>

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