



Agenda

Time Schedule

| | |
|------------------|---------------|
| Session 1 | 09:00 - 10:30 |
| Break | 10:30 - 11:00 |
| Session 2 | 11:00 - 13:00 |
| Lunch | 13:00 - 14:00 |
| Session 3 | 14:00 - 15:30 |
| Break | 15:30 - 16:00 |
| Session 4 | 16:00 - 17:30 |

Instructors

| FL | First Name | Organisation | Country |
|----|--------------------------|--------------|------------|
| KA | Kl e Aiken | APNIC | Australia |
| SB | Simon Baroi | APNIC | Bangladesh |
| KC | Kanchana Chayakulkheeree | AIS | Thailand |
| AN | Ashish Narayan | ITU | Thailand |
| AS | Aftab Siddiqui | ISOC | Australia |
| PS | Philip Smith | APNIC | Australia |

Workshop Sessions

| Monday | Topic | Inst | Presentations | Exercises |
|----------------|--|------|---------------------|---|
| 1 | Opening Ceremony | All | | |
| | Where are we now: IPv6 deployment update | KA | PDF | |
| | Global IPv6 End-user Readiness | KA | PDF | |
| 2 | Recap - Internet fundamentals | SB | PDF | |
| 3 | Recap - IPv6 Protocol | PS | PDF | |
| 4 | Migrating to IPv6: Experiences from Asia-Pacific | AN | PDF | |
| Tuesday | | | | |
| 1 | Recap - About IPv6 Addresses | PS | PDF | |
| 2 | Deploying IPv4 and IPv6 Dual Stack network | All | | Network Setup Lab Access Address Plan |
| 3 | Internet Security Introduction | SB | PDF | |

| Monday | Topic | Inst | Presentations | Exercises |
|------------------|---|--------------|---------------------|-------------------------------------|
| 4 | IPv6 Routing | PS | PDF | |
| | Lab: Setting up IPv4 & IPv6 Routing | All | | Setting up IS-IS |
| Wednesday | | | | |
| 1 | IPv6 Security Introduction | PS | PDF | |
| 2 | Hardening IPv6 network devices | SB | PDF | |
| 3 | Lab: Setting up IPv4 & IPv6 Routing | All | | Setting up BGP |
| 4 | IPv6 Transition Technologies | PS | PDF | |
| Thursday | | | | |
| 1 | IPv6 on Mobile Networks: Operator Experience | KC | PDF | |
| | Securing the transition mechanisms | SB | PDF | |
| 2 | Securing the Router | All | | Securing the Router |
| | IPv6 Routing Security: Theory | SB | PDF | |
| 3 | IPv6 Routing Security: Securing IS-IS | All | | Securing IS-IS |
| | IPv6 Routing Security: Securing BGP | All | | Securing BGP |
| 4 | IPv6 Security Monitoring | PS | PDF | |
| | IPv6 Security Monitoring: Hands On | All | | Netflow |
| Friday | | | | |
| 1 | MANRS | AS | PDF | |
| | Working Group exercise - Introduction | KA | | |
| 2 | Working Group exercise - Activity | Participants | | |
| 3 | Presentation by participants, Evaluation, Summary & Closing | All | | |

Resources

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

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

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