



Agenda

Time Schedule

| | |
|------------------|---------------|
| Session 1 | 09:00 - 10:30 |
| Break | 10:30 - 11:00 |
| Session 2 | 11:00 - 12:30 |
| Lunch | 12:30 - 13:30 |
| Session 3 | 13:30 - 15:00 |
| Break | 15:00 - 15:30 |
| Session 4 | 15:30 - 17:00 |

Instructors

| FL | First Name | Organisation | Country |
|----|--------------|--------------|-----------|
| PS | Philip Smith | APNIC | Australia |

Workshop Sessions

| Monday | Topic | Inst | Presentations | Exercises |
|------------------|---|------|---------------------|--|
| 1 | Welcome & Introductions | All | | |
| | Where are we now: IPv6 deployment update | | PDF | |
| | Introduction to IPv6 | PS | PDF | |
| 2 | IPv6 Protocol | PS | PDF | |
| 3 | IPv6 Addressing | PS | PDF | |
| 4 | IPv6 Addressing Exercise | PS | | PDF |
| Tuesday | | | | |
| 1 | IPv6 Transition Technologies | PS | PDF | |
| 2 | Lab: Deploying IPv4 and IPv6 Dual Stack network | All | | Lab Access |
| | | | | Address Plan |
| | | | | Network Setup |
| 3 | IPv6 Routing Protocols | PS | PDF | |
| | IS-IS for IPv6 | | PDF | |
| | BGP for IPv6 | | PDF | |
| 4 | Lab: Setting up IPv4 & IPv6 Routing | All | | Setting up IS-IS Setting up BGP |
| Wednesday | | | | |
| 1 | IPv6 Security Introduction | PS | PDF | |
| | Lab: IPv6 Infrastructure Security | All | | Securing the Router |
| 2 | IPv6 Deployment Planning | PS | PDF | |
| | IPv6 on Mobile Networks | PS | PDF | |

| Monday | Topic | Inst | Presentations | Exercises |
|--------|------------------------------|------|---------------|--------------------------------|
| 3 | Lab: Securing IS-IS Sessions | All | | Securing IS-IS |
| 4 | Lab: Securing BGP Sessions | All | | Securing BGP |
| | Summary & Closing | All | | |

Resources

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From:

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

Permanent link:

<https://www.bgp4all.com/pfs/training/apnic-ipv6-nc/agenda?rev=1521454558>

Last update: **2018/03/19 10:15**

