



## Agenda

### Time Schedule

|                  |               |
|------------------|---------------|
| <b>Session 1</b> | 09:00 - 10:30 |
| <b>Break</b>     | 10:30 - 11:00 |
| <b>Session 2</b> | 11:00 - 12:30 |
| <b>Lunch</b>     | 12:30 - 13:30 |
| <b>Session 3</b> | 13:30 - 15:00 |
| <b>Break</b>     | 15:00 - 15:30 |
| <b>Session 4</b> | 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        |      | <a href="#">PDF</a> |                                     |
| 2                | IPv6 Protocol                                   | PS   | <a href="#">PDF</a> |                                     |
| 3                | IPv6 Addressing                                 | PS   | <a href="#">PDF</a> |                                     |
| 4                | IPv6 Addressing Exercise                        | PS   |                     | <a href="#">PDF</a>                 |
| <b>Tuesday</b>   |   |      |                     |                                     |
| 1                | IPv6 Transition Technologies                    | PS   | <a href="#">PDF</a> |                                     |
| 2                | Lab: Deploying IPv4 and IPv6 Dual Stack network | All  |                     | <a href="#">Lab Access</a>          |
|                  |   |      |                     | <a href="#">Address Plan</a>        |
|                  |   |      |                     | <a href="#">Network Setup</a>       |
| 3                | IPv6 Routing Protocols                          | PS   | <a href="#">PDF</a> |                                     |
|                  | IS-IS for IPv6                                  |      | <a href="#">PDF</a> |                                     |
|                  | BGP for IPv6                                    |      | <a href="#">PDF</a> |                                     |
| 4                | Lab: Setting up IPv4 & IPv6 Routing             | All  |                     | <a href="#">Setting up Routing</a>  |
| <b>Wednesday</b> |   |      |                     |                                     |
| 1                | IPv6 Security Introduction                      | PS   | <a href="#">PDF</a> |                                     |
|                  | Lab: IPv6 Infrastructure Security               | All  |                     | <a href="#">Securing the Router</a> |
| 2                | IPv6 Deployment Planning                        | PS   | <a href="#">PDF</a> |                                     |
|                  | IPv6 on Mobile Networks                         | PS   | <a href="#">PDF</a> |                                     |

| Monday | Topic                              | Inst | Presentations | Exercises                        |
|--------|------------------------------------|------|---------------|----------------------------------|
| 3      | Lab: Securing IS-IS & BGP Sessions | All  |               | <a href="#">Routing Security</a> |
| 4      | Lab (continued)                    | All  |               |                                  |
|        | Summary & Closing                  | All  |               |                                  |

## Resources

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From:

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

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