



# Agenda

## Time Schedule

|                  |               |
|------------------|---------------|
| <b>Session 1</b> | 08:30 - 10:00 |
| <b>Break</b>     | 10:00 - 10:30 |
| <b>Session 2</b> | 10:30 - 12:00 |
| <b>Lunch</b>     | 12:00 - 14:00 |
| <b>Session 3</b> | 14:00 - 15:30 |
| <b>Break</b>     | 15:30 - 16:00 |
| <b>Session 4</b> | 16:00 - 17:30 |

## Instructors

| FL | First Name     | Organisation | Country   |
|----|----------------|--------------|-----------|
| KA | Kl e Aiken     | APNIC        | Australia |
| AN | Ashish Narayan | ITU          | Thailand  |
| TP | Tashi Phuntsho | APNIC        | Australia |
| PS | Philip Smith   | APNIC        | Australia |

## Workshop Sessions

| Monday           | Topic  | Inst | Presentations       | Exercises                           |
|------------------|--|------|---------------------|-------------------------------------|
| 1                | Opening Ceremony                                 | All  |                     |                                     |
|                  | Migrating to IPv6: Experiences from Asia-Pacific | AN   | <a href="#">PDF</a> |                                     |
|                  | Where are we now: IPv6 deployment update         | KA   | <a href="#">PDF</a> |                                     |
| 2                | Internet fundamentals                            | PS   | <a href="#">PDF</a> |                                     |
|                  | 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                | Deploying IPv4 and IPv6 Dual Stack network       | All  |                     | <a href="#">Network Setup</a>       |
|                  |  |      |                     | <a href="#">Lab Access</a>          |
|                  |  |      |                     | <a href="#">Address Plan</a>        |
| 3                | IPv6 Routing Protocols                           | PS   | <a href="#">PDF</a> |                                     |
|                  | Lab: Setting up IPv4 & IPv6 Routing              | All  |                     | <a href="#">Setting up IS-IS</a>    |
|                  | Lab: Setting up IPv4 & IPv6 Routing              | All  |                     | <a href="#">Setting up BGP</a>      |
| 4                | IPv6 Security Introduction                       | PS   | <a href="#">PDF</a> |                                     |
| <b>Wednesday</b> |  |      |                     |                                     |
| 1                | Securing the transition mechanisms               | PS   | <a href="#">PDF</a> |                                     |
|                  | Lab: IPv6 Infrastructure Security                | All  |                     | <a href="#">Securing the Router</a> |

| Monday | Topic                              | Inst | Presentations       | Exercises                      |
|--------|------------------------------------|------|---------------------|--------------------------------|
| 2      | IPv6 Deployment Planning           | PS   | <a href="#">PDF</a> |                                |
|        | IPv6 on Mobile Networks            | PS   | <a href="#">PDF</a> |                                |
| 3      | Lab: Securing IS-IS & BGP Sessions | All  |                     | <a href="#">Securing IS-IS</a> |
|        | Lab: Securing IS-IS & BGP Sessions | All  |                     | <a href="#">Securing BGP</a>   |
| 4      | TBA                                | All  |                     |                                |
|        | Closing Ceremony                   | All  |                     |                                |

## Resources

- [Putty](#)
- [Telnet](#) for macOS (10.13 onwards)
- [Dynamips configuration](#)
- Full configurations at end of "Securing Router" section: [ZIPfile](#)

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