



# 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 | Klée Aiken     | APNIC        | Australia |
| AN | Ashish Narayan | ITU          | Thailand  |
| PS | Philip Smith   | APNIC        | Australia |

## Workshop Sessions

| Monday           | Topic   | Inst | Presentations       | Exercises                        |
|------------------|---|------|---------------------|----------------------------------|
| 1                | Opening Ceremony                                | All  |                     |                                  |
|                  | Policy & Regulation: Migration to IPv6          | 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                | 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> |                                  |
|                  | 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> |   |      |                     |                                  |

| Monday | Topic                                      | Inst | Presentations       | Exercises                           |
|--------|--|------|---------------------|-------------------------------------|
| 1      | Securing the transition mechanisms         | 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> |                                     |
| 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      | Deploying IPv6 in Brunei: Group Discussion | 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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