



# Agenda

## Time Schedule

|                  |               |
|------------------|---------------|
| <b>Session 1</b> | 09:00 - 10:30 |
| <b>Break</b>     | 10:30 - 11:00 |
| <b>Session 2</b> | 11:00 - 13:00 |
| <b>Lunch</b>     | 13:00 - 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  |
| 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   | <a href="#">PDF</a> |   |
|                | Global IPv6 End-user Readiness                   | KA   | <a href="#">PDF</a> |   |
| 2              | Recap - Internet fundamentals                    | SB   | <a href="#">PDF</a> |   |
| 3              | Recap - IPv6 Protocol                            | PS   | <a href="#">PDF</a> |   |
| 4              | Migrating to IPv6: Experiences from Asia-Pacific | AN   | <a href="#">PDF</a> |   |
| <b>Tuesday</b> |  |      |                     |   |
| 1              | Recap - About IPv6 Addresses                     | PS   | <a href="#">PDF</a> |   |
| 2              | Deploying IPv4 and IPv6 Dual Stack network       | All  |                     | <a href="#">Network Setup</a><br><a href="#">Lab Access</a><br><a href="#">Address Plan</a> |
| 3              | Internet Security Introduction                   | SB   | <a href="#">PDF</a> |   |

| Monday           | Topic   | Inst         | Presentations       | Exercises  |
|------------------|---|--------------|---------------------|--|
| 4                | Lab: Setting up IPv4 & IPv6 Routing                         | All          |                     | <a href="#">Setting up IS-IS</a><br><a href="#">Setting up BGP</a> |
| <b>Wednesday</b> |   |              |                     |  |
| 1                | IPv6 Security Introduction                                  | PS           | <a href="#">PDF</a> |  |
| 2                | Hardening IPv6 network devices                              | SB           | <a href="#">PDF</a> | <a href="#">Securing the Router</a>                                |
| 3                | IPv6 Transition Technologies                                | PS           | <a href="#">PDF</a> |  |
| 4                | Securing the transition mechanisms                          | SB           | <a href="#">PDF</a> |  |
| <b>Thursday</b>  |   |              |                     |  |
| 1                | IPv6 on Mobile Networks: Operator Experience                | PS           | <a href="#">PDF</a> |  |
| 2                | IPv6 Routing Security: Theory                               | SB           | <a href="#">PDF</a> |  |
| 3                | IPv6 Routing Security: Securing IS-IS                       | All          |                     | <a href="#">Securing IS-IS</a>                                     |
|                  | IPv6 Routing Security: Securing BGP                         | All          |                     | <a href="#">Securing BGP</a>                                       |
| 4                | IPv6 Security Monitoring                                    | PS           | <a href="#">PDF</a> |  |
|                  | IPv6 Security Monitoring: Hands On                          | All          |                     | <a href="#">Netflow</a>  |
| <b>Friday</b>    |   |              |                     |  |
| 1                | MANRS   | AS           | <a href="#">PDF</a> |  |
|                  | 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://www.bgp4all.com/pfs/> - Philip Smith's Internet Development Site

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