



COMMUNICATIONS  
REGULATORY COMMISSION  
OF MONGOLIA

# 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 - 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  |
| TP | Tashi Phuntsho | APNIC        | Australia |
| PS | Philip Smith   | APNIC        | Australia |

## Workshop Sessions

| Day                 | Topic   | Inst | Presentations       | Exercises                     |
|---------------------|---|------|---------------------|-------------------------------|
| <b>Monday</b>       |   |      |                     |                               |
| Opening Remarks by: | Mr Chinzorig Gonchig, Chairman and EO, Communications Regulatory Commission |      |                     |                               |
|                     | Mr Ashish Narayan, Programme Coordinator, ITU                               |      |                     |                               |
|                     | Mr Klée Aiken, Senior Advisor, APNIC  |      |                     |                               |
| 1                   | 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   | TP   | <a href="#">PDF</a> |                               |
|                     | IPv6 Protocol   | TP   | <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>  |

| Day              | Topic                               | Inst | Presentations       | Exercises                           |
|------------------|-------------------------------------|------|---------------------|-------------------------------------|
| 3                | IPv6 Routing Protocols              | TP   | <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> |
| 2                | IPv6 Deployment Planning            | TP   | <a href="#">PDF</a> |                                     |
| 3                | IPv6 on Mobile Networks             | PS   | <a href="#">PDF</a> |                                     |
| 4                | Lab: Securing IS-IS Sessions        | All  |                     | <a href="#">Securing IS-IS</a>      |
|                  | Lab: Securing BGP Sessions          | All  |                     | <a href="#">Securing BGP</a>        |
|                  | 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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From: <https://www.bgp4all.com/pfs/> - **Philip Smith's Internet Development Site**

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