



COMMUNICATIONS
REGULATORY COMMISSION
OF MONGOLIA

Agenda

Time Schedule

| | |
|------------------|---------------|
| Session 1 | 09:00 - 10:30 |
| Break | 10:30 - 11:00 |
| Session 2 | 11:00 - 12:30 |
| Lunch | 12:30 - 14:00 |
| Session 3 | 14:00 - 15:30 |
| Break | 15:30 - 16:00 |
| Session 4 | 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 |
|------------------|--|------|---------------------|----------------------------------|
| Monday | | | | |
| 1 | Opening Ceremony | All | | |
| | Migrating to IPv6: Experiences from Asia-Pacific | AN | PDF | |
| | Where are we now: IPv6 deployment update | KA | PDF | |
| 2 | Internet fundamentals | PS | PDF | |
| | IPv6 Protocol | PS | PDF | |
| 3 | IPv6 Addressing | PS | PDF | |
| 4 | IPv6 Addressing Exercise | PS | | PDF |
| Tuesday | | | | |
| 1 | IPv6 Transition Technologies | PS | PDF | |
| 2 | Deploying IPv4 and IPv6 Dual Stack network | All | | Network Setup |
| | | | | Lab Access |
| | | | | Address Plan |
| 3 | IPv6 Routing Protocols | PS | PDF | |
| | Lab: Setting up IPv4 & IPv6 Routing | All | | Setting up IS-IS |
| | Lab: Setting up IPv4 & IPv6 Routing | All | | Setting up BGP |
| 4 | IPv6 Security Introduction | PS | PDF | |
| Wednesday | | | | |

| Day | Topic | Inst | Presentations | Exercises |
|-----|------------------------------------|------|---------------------|-------------------------------------|
| 1 | Securing the transition mechanisms | PS | PDF | |
| | Lab: IPv6 Infrastructure Security | All | | Securing the Router |
| 2 | IPv6 Deployment Planning | PS | PDF | |
| 3 | IPv6 on Mobile Networks | PS | PDF | |
| 4 | Lab: Securing IS-IS Sessions | All | | Securing IS-IS |
| | Lab: Securing BGP Sessions | All | | Securing BGP |
| | 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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