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Department of Communications and the Arts

# 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 | Klee Aiken     | APNIC        | Australia |
| AN | Ashish Narayan | ITU          | Thailand  |
| YY | Philip Smith   | APNIC        | Australia |
| JW | Jessica Wei    | APNIC        | Australia |

## Workshop Sessions

| Monday         | Topic                                                         | Inst | Presentations       | Exercises                                                                                                                         |
|----------------|---------------------------------------------------------------|------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1              | PacNOG 21 Conference Plenary                                  |      |                     |                                                                                                                                   |
| 2              | PacNOG 21 Conference Plenary                                  |      |                     |                                                                                                                                   |
| 3              | Opening Session                                               | All  |                     |                                                                                                                                   |
|                | Where are we now: IPv6 deployment update                      | XX   | <a href="#">PDF</a> |                                                                                                                                   |
| 4              | Recap - Internet fundamentals                                 | YY   | <a href="#">PDF</a> |                                                                                                                                   |
| <b>Tuesday</b> |                                                               |      |                     |                                                                                                                                   |
| 1              | Recap - IPv6 Protocol                                         | YY   | <a href="#">PDF</a> |                                                                                                                                   |
| 2              | Recap - About IPv6 Addresses                                  | YY   | <a href="#">PDF</a> |                                                                                                                                   |
| 3              | Hands on Lab Work: Deploying IPv4 and IPv6 Dual Stack network | All  |                     | <a href="#">Lab Access</a><br><a href="#">Address Plan</a><br><a href="#">Network Setup</a><br><a href="#">Setting up Routing</a> |
| 4              | Migration to IPv6: Policy and Regulation                      | AN   | <a href="#">PDF</a> |                                                                                                                                   |

| Monday           | Topic                                     | Inst         | Presentations       | Exercises                           |
|------------------|-------------------------------------------|--------------|---------------------|-------------------------------------|
| <b>Wednesday</b> |                                           |              |                     |                                     |
| 1                | Internet Security Introduction            | XX           | <a href="#">PDF</a> |                                     |
| 2                | IPv6 Security Introduction                | YY           | <a href="#">PDF</a> |                                     |
|                  | (Labwork Continued)                       |              |                     | <a href="#">Setting up Routing</a>  |
| 3                | Hardening IPv6 network devices            | YY           | <a href="#">PDF</a> | <a href="#">Securing the Router</a> |
| 4                | IPv6 Transition Technologies              | YY           | <a href="#">PDF</a> |                                     |
| <b>Thursday</b>  |                                           |              |                     |                                     |
| 1                | Securing the transition mechanisms        | XX           | <a href="#">PDF</a> |                                     |
| 2                | IPv6 Routing Security: Theory             | YY           | <a href="#">PDF</a> |                                     |
| 3                | IPv6 Security Monitoring                  | ZZ           | <a href="#">PDF</a> |                                     |
|                  | IPv6 Firewalls                            | XX           | <a href="#">PDF</a> |                                     |
| 4                | IPv6 Routing Security: Hands On           | YY           |                     | <a href="#">Routing Security</a>    |
| <b>Friday</b>    |                                           |              |                     |                                     |
| 1                | IPv6 on Mobile Networks: Technology       | XX           | <a href="#">PDF</a> |                                     |
| 2                | Working Group exercise                    | Participants |                     |                                     |
| 3                | Working Group exercise                    | Participants |                     |                                     |
| 4                | Presentation by participants + evaluation | All          |                     |                                     |
|                  | Summary & Closing                         | All          |                     |                                     |

## Resources

\* [Putty](#)

From:

<https://mail.bgp4all.com/pfs/> - Philip Smith's Internet Development Site

Permanent link:

<https://mail.bgp4all.com/pfs/training/pacnog21/agenda?rev=1508284729>

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