



# Agenda

## Time Schedule

|                  |               |
|------------------|---------------|
| <b>Session 1</b> | 09:30 - 11:00 |
| <b>Break</b>     | 11:00 - 11:30 |
| <b>Session 2</b> | 11:30 - 13:00 |
| <b>Lunch</b>     | 13:00 - 14:00 |
| <b>Session 3</b> | 14:00 - 16:00 |
| <b>Break</b>     | 16:00 - 16:30 |
| <b>Session 4</b> | 16:00 - 18:00 |

## Instructors

| FL | First Name            | Organisation            | Country   |
|----|-----------------------|-------------------------|-----------|
| PS | Philip Smith          | APNIC                   | Australia |
| YS | Muhammad Yasir Shamim | APNIC Community Trainer | Pakistan  |

## Workshop Sessions

| Day              | Topic                                      | Inst | Presentations       | Exercises   |
|------------------|--|------|---------------------|---|
| <b>Wednesday</b> |  |      |                     |   |
| 1                | Introduction & Logistics                   | All  | <a href="#">PDF</a> |   |
|                  | Where are we now: IPv6 deployment update   | PS   | <a href="#">PDF</a> |   |
| 2                | Internet fundamentals                      | PS   | <a href="#">PDF</a> |   |
|                  | IPv6 Introduction                          | PS   | <a href="#">PDF</a> |   |
| 3                | 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> |
| 4                | IPv6 Protocol                              | YS   | <a href="#">PDF</a> |   |
| <b>Thursday</b>  |  |      |                     |   |
| 1                | About IPv6 Addresses                       | YS   | <a href="#">PDF</a> |   |
| 2                | Lab: IPv6 Address Planning                 | All  |                     | <a href="#">PDF</a>   |
| 3                | IPv6 Routing                               | PS   | <a href="#">PDF</a> |   |
| 4                | Lab: Setting up IPv4 & IPv6 Routing        | All  |                     | <a href="#">Setting up IS-IS</a>  |
| <b>Friday</b>    |  |      |                     |   |
| 1                | IPv6 Transition Technologies               | PS   | <a href="#">PDF</a> |   |
| 2                | Lab: Setting up IPv4 & IPv6 Routing        | All  |                     | <a href="#">Setting up BGP</a>  |
| 3                | Lab: IPv6 End User Deployment: Static      | All  |                     | <a href="#">Static</a>  |
| 4                | Lab: IPv6 End User Deployment: DHCPv6-PD   | YS   | <a href="#">PDF</a> | <a href="#">DHCPv6-PD</a>   |
|                  | Lab: IPv6 End User Deployment: 6rd         | All  |                     | <a href="#">6rd</a>   |

| Day             | Topic                      | Inst | Presentations       | Exercises             |
|-----------------|----------------------------|------|---------------------|-----------------------|
| <b>Saturday</b> |                            |      |                     |                       |
| 1               | IPv6 Deployment Planning   | PS   | <a href="#">PDF</a> |                       |
| 2               | Lab: NAT64/DNS64           | All  |                     | <a href="#">NAT64</a> |
| 3               | Lab: IPv6 DNS              | All  |                     | <a href="#">DNS</a>   |
|                 | Lab: IPv6 Web              | All  |                     | <a href="#">Web</a>   |
|                 | Lab: IPv6 Mail             | All  |                     | <a href="#">Mail</a>  |
| 4               | IPv6 Security Introduction | PS   | <a href="#">PDF</a> |                       |
|                 | Summary & Closing          | All  |                     |                       |

## Resources

- [Putty](#) for Windows
- [Telnet](#) for macOS (10.13 onwards)
- [Dynamips configuration](#)

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