

Agenda

Time Schedule

Session 1	09:00 - 11:00
Break	11:00 - 11:30
Session 2	11:30 - 13:00
Lunch	13:00 - 14:00
Session 3	14:00 - 16:00
Break	16:00 - 16:30
Session 4	16:30 - 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
Wednesday				
1	Introduction & Logistics	All	PDF	
	Internet fundamentals	ZZ	PDF	
2	Where are we now: IPv6 deployment update	ZZ	PDF	
	IPv6 Introduction	ZZ	PDF	
3	IPv6 Protocol	YS	PDF	
4	Deploying IPv4 and IPv6 Dual Stack network	All		Network Setup
				Lab Access
				Address Plan
Thursday				
1	About IPv6 Addresses	YS	PDF	
2	Lab: IPv6 Address Planning	All		PDF
3	IPv6 Routing	ZZ	PDF	
4	Lab: Setting up IPv4 & IPv6 Routing	All		Setting up IS-IS
Friday				
1	Lab: Setting up IPv4 & IPv6 Routing	All		Setting up BGP
2	IPv6 Transition Technologies	ZZ	PDF	
3	IPv6 Deployment Planning	ZZ	PDF	
4	IPv6 Client Addressing	YS	PDF	
Saturday				

Day	Topic	Inst	Presentations	Exercises
1	Lab: IPv6 End User Deployment: Static	All		Static
	Lab: IPv6 End User Deployment: DHCPv6-PD	ZZ	PDF	DHCPv6-PD
2	Lab: IPv6 End User Deployment: 6rd	All		6rd
	Lab: NAT64/DNS64	All		NAT64
3	Lab: IPv6 DNS	YS		DNS
	Lab: IPv6 Web	YS		Web
	Lab: IPv6 Mail	YS		Mail
4	IPv6 Security Introduction	ZZ	PDF	
	IPv6 Routing Security: Theory	YS	PDF	
	IPv6 Routing Security: Securing IS-IS	All		Securing IS-IS
	IPv6 Routing Security: Securing BGP	All		Securing BGP
	IPv6 NetFlow	All		Netflow
	Summary & Closing	All		

Resources

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

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