Introduction to Routing

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	Name	Organisation	Country
ZK	Md Zobair Khan	APNIC - APNIC Community Trainer	Bangladesh
PS	Philip Smith	APNIC	Australia

Workshop Sessions

Session	Topic	Inst	Presentations	Exercises	Address Plans
Saturday					
Session 1	Introductions	PS	PDF		
	Routing Basics		PDF		
Session 2	Lab Setup	All		PDF	Address Plan PDF
	Introduction to IPv6		PDF		
Session 3	IPv6 Standards and Protocols		PDF		
Session 4	IPv6 Lab Setup	All		PDF	Address Plan PDF
Sunday					
Session 1	IPv6 Addressing		PDF		
	IPv6 Addressing Lab	All		PDF	
Session 2	Introduction to IS-IS		PDF		
	IS-IS Lab	All		PDF	
Session 3	IPv6 Routing Protocols		PDF		
	ISIS for IPv6		PDF		
Session 4	IPv6 ISIS Lab	All		PDF	
	Introduction to BGP		PDF		
Monday					
Session 1	iBGP Lab	All		PDF	
	BGP for IPv6		PDF		

Session	Topic	Inst	Presentations	Exercises	Address Plans
Session 2	IPv6 iBGP Lab	All		PDF	
	BGP Scaling Techniques		PDF		
Session 3	Route Reflector Lab (IPv4)	All		PDF	
	Route Reflector Lab (IPv6)	All		PDF	
Session 4	IPv6 Transition Planning		PDF		
Tuesday					
Session 1	BGP Attributes		PDF		
Session 2	iBGP and eBGP Lab	All		PDF	Address Plan PDF
Session 3	IPv6 iBGP and eBGP Lab	All		PDF	Address Plan PDF
Session 4	BGP Best Practices		PDF		
Wednesday					
Session 1	BGP Policy Control		PDF		
Session 2	BGP Route Filtering Lab	All		PDF	
Session 3	IPv6 BGP Route Filtering Lab	All		PDF	
Session 4	OSPF vs IS-IS		PDF		
	OSPF to IS-IS migration		PDF		
	Configuring Dynamips		Dynamips NET file		
	Q&A and Closing	All			

Resources

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

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