

Introduction to Routing

Time Schedule

Session 1	09:30 - 11:00
Break	11:00 - 11:30
Session 2	11:30 - 13:00
Lunch	13:00 - 14:00
Session 3	14:00 - 15:30
Break	15:30 - 16:00
Session 4	16:00 - 18:00

Instructors

FL	Name	Organisation	Country
AA	Md Abdul Awal	BCC - Bangladesh Computer Council	Bangladesh
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	ZK	PDF		
Session 2	Lab Setup	All		PDF	Address Plan PDF
	Introduction to IPv6	PS	PDF		
Session 3	IPv6 Standards and Protocols	ZK	PDF		
Session 4	IPv6 Lab Setup	All		PDF	Address Plan PDF
	Introduction to IS-IS	ZK	PDF		
Sunday					
Session 1	Recap of Saturday	PS			
	IPv6 Addressing	PS	PDF		
Session 2	IPv6 Addressing Lab	All		PDF	
	IS-IS Lab	All		PDF	
Session 3	IPv6 Routing Protocols	ZK	PDF		
	ISIS for IPv6	PS	PDF		
	IPv6 ISIS Lab	All		PDF	
Session 4	Introduction to BGP	ZK	PDF		
	iBGP Lab	All		PDF	

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

Resources

- Putty
- Telnet for macOS (10.13 onwards)

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Last update: **2019/08/05 09:30**