



# 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	<a href="#">APNIC</a> - APNIC Community Trainer	Bangladesh
PS	Philip Smith	<a href="#">APNIC</a>	Australia

## Workshop Sessions

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

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

## Resources

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

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