

Routing Workshop

Time Schedule

Session 1	09:00 - 10:30
Break	10:30 - 11:00
Session 2	11:00 - 13:00
Lunch	13:00 - 14:00
Session 3	14:00 - 15:30
Break	15:30 - 16:00
Session 4	16:00 - 17:30

Instructors

FL	Name	Organisation	Country

Workshop Sessions

Monday

Session	Topic	Inst	Presentations	Exercises	Address Plans
Monday					
Session 1	Introductions, Objectives	FL	PDF		
	Routing Basics	FL	PDF		
Session 2	Lab Setup	All		PDF	Address Plan PDF
Session 3	Introduction to ISIS	FL	PDF		
Session 4	ISIS Lab	All		PDF	
Tuesday					
Session 1	Introduction to BGP	FL	PDF		
Session 2	iBGP Lab	All		PDF	
Session 3	IPv6 Protocol & Standards	FL	PDF		
Session 4	IPv6 Lab Setup	All		PDF	Address Plan PDF
Wednesday					
Session 1	IPv6 Addressing	FL	PDF		
Session 2	IPv6 Routing Protocols	FL	PDF		
	ISIS for IPv6	FL	PDF		
	BGP for IPv6	FL	PDF		
Session 3	IPv6 ISIS Lab	All		PDF	
Session 4	IPv6 iBGP Lab	All		PDF	
Thursday					
Session 1	BGP Attributes	FL	PDF		
Session 2	BGP Scaling Techniques	FL	PDF		
Session 3	Campus Network Design	FL	PDF		
	Layer 2 Net Design	FL	PDF		

Session	Topic	Inst	Presentations	Exercises	Address Plans
	Layer 2 Spanning Tree & vLANs	FL	PDF		
Session 4	BGP Policy Control	FL	PDF		
Friday					
Session 1	BGP Best Practices	FL	PDF		
Session 2	iBGP and eBGP Lab	All		PDF	Address Plan PDF
Session 3	OSPF vs ISIS	FL	PDF		
	OSPF to ISIS migration	FL	PDF		
Session 4	iBGP and eBGP Lab (cont)	All			
	Configuring Dynamips	FL	Dynamips NET file		
	Q&A and Closing	All			

Resources

[putty for Windows](#)

[Routing Resilience Manifesto](#)

[RFC7454 - BGP Operations Security](#)

[BCP 38 - Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing](#)

From:

<https://workshops.nsrc.org/dokuwiki/> - **Workshops**

Permanent link:

<https://workshops.nsrc.org/dokuwiki/2016/rwananog-routing/agenda>

Last update: **2016/05/31 00:53**

