Routing and Internet Security Operations

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
ZZ	Zed Zed	NSRC	Zedland

Workshop Sessions

Session	Topic	Inst	Presentations	Exercises
Day One				
Session 1	Introduction to RISO	ZZ	PDF	
	Lab Setup	All		PDF
	Introduction to IPv6		PDF	
Session 3	IPv6 Standards and Protocols		PDF	
Session 4	IPv6 Lab Setup	All		PDF
Day Two				
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	
Day Three				
Session 1	iBGP Lab	All		PDF
	BGP for IPv6		PDF	
Session 2	IPv6 iBGP Lab	All		PDF

Session	Topic	Inst	Presentations	Exercises
	BGP Scaling Techniques		PDF	
Session 3	Route Reflector Lab (IPv4)	All		PDF
	Route Reflector Lab (IPv6)	All		PDF
Session 4	IPv6 Transition Planning		PDF	
Day Four				
Session 1	BGP Attributes		PDF	
Session 2	iBGP and eBGP Lab	All		PDF
Session 3	IPv6 iBGP and eBGP Lab	All		PDF
Session 4	BGP Best Practices		PDF	
Day Five				
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)

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