



# Introduction to Routing

## Time Schedule

Session 1	1 hour
Break	
Session 2	1 hour
Lunch	
Session 3	1 hour
Break	
Session 4	1 hour

## Instructors

FL	Name	Organisation	Country
PS	Philip Smith	PFS Internet Development Pty Ltd	Australia

## Workshop Sessions

Session	Topic	Inst	Presentations	Exercises	Address Plans
<b>Day One</b>					
Session 1	Introductions	PS			
	Routing Basics	PS	<a href="#">PDF</a>		
Session 2	Introduction to OSPF	PS	<a href="#">PDF</a>		
	OSPF for ISPs (overview)	PS	<a href="#">PDF</a>		
Session 3	Comparing OSPF and IS-IS	PS	<a href="#">PDF</a>		
	Lab Setup	All	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">Address Plan PDF</a>
Session 4	OSPF Lab	All		<a href="#">PDF</a>	
<b>Day Two</b>					
Session 1	Recap of Day One	PS			
	Introduction to BGP	PS	<a href="#">PDF</a>		
Session 2	Lab Introduction	PS			
	iBGP Lab	All		<a href="#">PDF</a>	
Session 3	BGP Attributes	PS	<a href="#">PDF</a>		
Session 4	iBGP Lab (cont)	All			
<b>Day Three</b>					
Session 1	Recap of Day Two	PS			
	BGP Scaling Techniques	PS	<a href="#">PDF</a>		
Session 2	Lab Introduction	PS			
	Route Reflector Lab (IPv4)	All		<a href="#">PDF</a>	

Session	Topic	Inst	Presentations	Exercises	Address Plans
Session 3	BGP Policy Control	PS	<a href="#">PDF</a>		
Session 4	BGP Best Practices	PS	<a href="#">PDF</a>		
	Lab Introduction	PS			
	iBGP and eBGP Lab	All		<a href="#">PDF</a>	<a href="#">Address Plan PDF</a>
<b>Day Four</b>					
Session 1	Recap of Day Three	PS			
	BGP Best Practices (cont)	PS			
Session 2	Multihoming: Introduction	PS	<a href="#">PDF</a>		
Session 3	Multihoming: Introduction (cont)	PS			
Session 4	Multihoming: Inbound TE	PS	<a href="#">PDF</a>		
<b>Day Five</b>					
Session 1	Recap of Day Four	PS			
	Multihoming: Inbound TE (cont)	PS			
Session 2	Multihoming: Outbound TE	PS	<a href="#">PDF</a>		
Session 3	Multihoming: Deployment	PS	<a href="#">PDF</a>		
Session 4	Multihoming: Deployment (cont)	All			
<b>Day Six</b>					
Session 1	Recap of Day Five	PS			
	BGP Communities	PS	<a href="#">PDF</a>		
Session 2	Remotely Triggered Blackhole Filtering	PS	<a href="#">PDF</a>		
Session 3	BGP Origin Validation	PS	<a href="#">PDF</a>		
Session 4	Round Table, Q&A and Closing	All			

## Further Reading

Topic	Presentation/Lab
Troubleshooting BGP	<a href="#">PDF</a>
BGP Route Filtering Lab	<a href="#">PDF</a>
Multihoming Strategies Lab	<a href="#">PDF</a>

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