

# Routing Workshop (IPv4 & IPv6)



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# Agenda – Workshop Day 1, Friday

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09:00 Introductions, Objectives

09:30 Presentations

“Internet Introduction, Routing Basics”

“Introduction to IPv6, IPv6 Standards and Protocols”

13:00 Break for Lunch

14:00 Presentations

“IPv6 Addressing, IPv6 Routing Protocols”

16:00 Lab Module 1: Basic & Interface Configuration

17:00 Close

(breaks for tea/coffee at 10:30 and 15:30)

# Agenda – Workshop Day 2, Saturday

09:00 Presentations

“Introduction to OSPF, OSPF for ISPs

11:00 Lab Module 2: OSPF Config for Infrastructure

12:00 Lab Module 2 (Continue): OSPF Configuration for Infrastructure

13:00 Break for lunch

14:00 Presentations

“Introduction to BGP, OSPF & BGP for IPv6”

15:00 Lab Module 3: iBGP Configuration for Infrastructure

17:00 Close

(breaks for tea/coffee at 10:30 and 15:30)

# Agenda – Workshop Day 3, Sunday

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09:00 Presentation

“BGP Scaling Techniques”

11:00 Lab Module 3: iBGP Configuration for Infrastructure

13:00 Break for lunch

14:00 Lab Module 3(Continue): iBGP & RR Configuration for Infrastructure

16:00 Presentations

“ BGP Attributes”

17:00 Close

(breaks for tea/coffee at 10:30 and 15:30)

# Agenda – Workshop Day 4, Monday

09:00 Presentation

“BGP Best Practices”

10:00 Module 4: eBGP Configuration POP & CPE Router

11:00 Module 4 (Continue): eBGP Configuration POP & CPE Router

13:00 Break for lunch

14:00 Module 5: Route Filtering and Policy Control

16:00 Module 5 (Continue): Route Filtering and Policy Control

17:00 Close

(breaks for tea/coffee at 10:30 and 15:30)

# Agenda – Workshop Day 5, Tuesday

09:00 Presentation

“BGP Multihoming – Part 1 &2 ”

11:00 Presentation

“BGP Multihoming – Part 1 &2 ”

13:00 Break for Lunch

14:00 Lab Module Module 6: eBGP Configuration for Multihoming Strategy

16:00 Lab Module Module 6 (Continue): eBGP Configuration for Multihoming Strategy

17:00 End of Workshop

(break for tea/coffee at 10:30 and 15:30)