

# Advance Routing & BGP Workshop (IPv4 & IPv6)



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# Agenda – Wednesday

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09:30 Introductions, Objectives

10:00 Presentations

“Internet Introduction”, “Routing Basics”

“Introduction to OSPF”, “OSPF for ISPs”

13:00 Break for Lunch

14:00 Lab Module 1– Basic

16:00 Presentation

“Introduction to IPv6”, “IPv6 Standards and Protocols”

18:00 Close

(breaks for tea/coffee at 11:00 and 16:00)

# Agenda – Thursday

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09:30 Presentations

“IPv6 Addressing”, “IPv6 Routing Protocols”

11:00 Lab Module 2 OSPF

12:00 Presentations

“Introduction to BGP”

13:00 Break for lunch

14:00 Presentations

“OSPF & BGP for IPv6”

15:00 Lab Module 3- iBGP

18:00 Close

(breaks for tea/coffee at 11:00 and 15:30)

# Agenda – Friday

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09:00 Presentation

“BGP Scaling Techniques”

11:00 Lab Module 4- eBGP

(IPv4 and IPv6)

13:00 Break for lunch

14:00 Lab Module 5-Route Map

(IPv4 and IPv6)

16:00 Presentations

“BGP Attributes”, “BGP Policy Control”

18:00 Close

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

# Agenda – Saturday

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09:00 Presentation

“BGP Best Practices”

10:00 Lab Module 6-Attributes Manipulation

11:00 Lab Module 6 (continued)

13:00 Break for lunch

14:00 Presentation

“BGP Multihoming – Part 1 & 2”

17:00 Lab Module 6 (cont)

18:00 Close

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



# Acknowledgement

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- Philip Smith, PFS Internet Development
- Cisco System