

ISP Routing & BGP Workshop (IPv4 & IPv6)



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Agenda – Saturday

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”

17:30 Close

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

Agenda – Sunday

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

17:30 Close

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

Agenda – Monday

09:30 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”

17:30 Close

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

Agenda – Tuesday

09:30 Presentation

“BGP Best Practices”

10:30 Lab Module 6-Attributes Manipulation

11:30 Lab Module 6 (continued)

13:00 Break for lunch

14:00 Presentation

“BGP Multihoming – Part 1 & 2”

16:30 Lab Module 6 (cont)

17:30 Close

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

Acknowledgement

- Philip Smith, PFS Internet Development
- Cisco System