



## IPv6 Routing, Deployment & Applications

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## Agenda – Wednesday

09:00 Introductions, Objectives

09:30 Presentations

“Introduction to Routing”, “Introduction to IPv6”, “Routing Basics”,  
“Introduction to OSPF”, “OSPF for ISPs”

13:00 Break for Lunch

14:00 Lab Module 1 – Basic OSPF & iBGP

16:00 Presentation

“Introduction to BGP”

17:00 Lab Module 1 (continued)

18:00 Close

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

## Agenda – Thursday

09:00 Presentations

“IPv6 Protocols & Standards”, “IPv6 Addressing & Routing Protocols”,  
“OSPFv3”, “ISIS for IPv6”, “BGP for IPv6”

13:00 Break for lunch

14:00 Lab Module 1 – IPv6 OSPF and iBGP

16:30 Lab Module 2 – iBGP and eBGP

18:00 Close

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

## Agenda – Friday

09:00 Presentation

“IPv6 Security”

10:00 Lab Module 2 – IPv6 iBGP and eBGP

13:00 Break for lunch

14:00 Lab Module 3 – IPv6 Route Filtering and Advanced BGP

18:00 Close

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

## Agenda – Saturday

- 09:00 Presentation
    - “IPv6 Integration and Transition”
  - 10:30 Lab Exercises:
    - IPv6 in IPv4 tunnels
    - 6to4
    - IPsec
  - 13:00 Break for lunch
  - 14:00 Lab Exercises
  - 18:00 Close
- (breaks for tea/coffee at 11:00 and 16:00)

## Agenda – Sunday

- 09:00 Presentation
    - “IPv6 Operational Reality”
  - 11:30 Lab Exercises
  - 13:00 Break for lunch
  - 14:00 Lab Exercises
  - 18:00 Close
- (breaks for tea/coffee at 11:00 and 16:00)