

Advanced Routing Workshop



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MENOG 15

Dubai

28th – 31st March 2015

Workshop Materials

- Master archive:

- <http://bgp4all.com/ftp/isp-workshops>

- This workshop:

- <https://web.nsrc.org/workshops/2015/menog15-bgp/wiki/Track1Agenda>
 - Please keep this URL open, and download workshop materials as the workshop progresses



Housekeeping

- Wireless
 - SSID: TRA-Guest
 - Password: tradxb567

Housekeeping

- This is a 4 day workshop
 - Completion certificates will be given to those who attend all four days
 - Small exam at the end
 - Have fun!
- Please Ask Questions
- No Skype, IM, Facebook, Twitter, etc.
- Mobile phones OFF or on SILENT
 - If you must take calls, please do so OUTSIDE the room

Agenda – Saturday

09:00 Introductions, Objectives

09:15 Presentations

“Routing Basics”, “Introduction to IS-IS”

11:00 Lab Module 1 – Basic IS-IS

12:30 Break for Lunch

14:00 Presentations

“ISIS for ISPs”, “Introduction to BGP”

16:00 Lab Module 1 – Basic BGP

18:00 Close

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

Agenda – Sunday

09:00 Presentations

“BGP Scaling Techniques”

10:00 Lab Module 3 – BGP Route Reflector

11:00 Presentations

“BGP Attributes”, “BGP Policy Control”

12:30 Break for Lunch

14:00 Lab Module 6 – iBGP and eBGP

16:00 Presentations

“OSPF to IS-IS migration”, “BGP Best Practices”

18:00 Close

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

Agenda – Monday

09:00 Presentation

“BGP Multihoming (part 1)”

11:00 Lab Module 7 – Route Filtering

13:00 Break for lunch

14:00 Presentation

“BGP Multihoming (part 2)”

16:00 Lab Module 7 – Route Filtering

18:00 Close

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

Agenda – Tuesday

09:00 Presentation

“BGP Communities”

11:00 Lab Module 8 – BGP Policies

13:00 Break for lunch

14:00 Presentation

“The Value of Peering”

16:00 Lab Module 8 – BGP Policies

17:45 Extra Topics:

Configuring Dynamips,...

18:00 End of Workshop

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