

BGP Workshop



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BDNOG 1, Dhaka
19th – 21st May 2014

Workshop Materials

- Master archive:

- <http://thyme.apnic.net/ftp/isp-workshops>

- This workshop:

- <https://nsrc.org/workshops/2014/bdnog1/wiki/Track1Agenda>
 - Please keep this URL open, and download workshop materials as the workshop progresses

Housekeeping

- ❑ This is a three day workshop
 - Completion certificates will be given to those who attend all three 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 – Monday

09:30 Introductions, Objectives

09:45 Presentations

“Routing Basics”, “Introduction to ISIS”, “ISIS for ISPs”

12:00 Lab Module 1 – Basic ISIS

13:00 Break for Lunch

14:00 Presentation

“Introduction to BGP”

15:00 Lab Module 1 – Basic iBGP

16:30 Presentation

“BGP Attributes”

18:00 Close

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

Agenda – Tuesday

09:30 Presentations

“IPv6 Standards and Protocols”

“IPv6 Addressing”, “IPv6 Routing Protocols”

13:00 Break for lunch

14:00 Lab Module 1 – IPv6 ISIS and iBGP

16:00 Presentation

“BGP Scaling Techniques”

17:00 Lab Module 3 – Route Reflector

IPv4 and IPv6

18:00 Close

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

Agenda – Wednesday

09:30 Presentations

“BGP Policy Control”, “4-byte ASNs”

11:30 Lab Module 6 – iBGP and eBGP

(Using IPv4 and IPv6)

13:00 Break for lunch

14:00 Lab Module 8 – BGP Policy Control

17:45 Extra Topics:

Configuring Dynamips,...

18:00 End of Workshop

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