

Routing Workshop



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RwandaNOG
Kigali
4th – 8th May 2015

Workshop Materials

- Master archive:

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

- This workshop:

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

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 – Monday

08:30 RWN OG Welcome & Introductions

11:00 Introductions, Objectives

11:15 Presentation

“Internet Introduction”

13:00 Break for Lunch

14:00 Presentations

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

17:30 Close

(break for tea/coffee at 10:30 & 16:00)



Agenda – Tuesday

08:30 Monday Recap

09:15 Lab Module 1 – Basic IS-IS

13:00 Break for Lunch

14:00 Presentation

“Introduction to BGP”

15:00 Lab Module 1 – Basic iBGP

17:30 Close

(breaks for tea/coffee at 10:00 and 16:00)

Agenda – Wednesday

08:30 Tuesday recap

09:15 Presentations

“IPv6 Introduction”, “IPv6 Protocol and Standards”

“IPv6 Addressing

13:00 Break for lunch

14:00 Presentation

“IPv6 Routing Protocols”

15:00 IPv6 Lab Module 1 – Basic IS-IS

16:30 Presentations

“IS-IS for IPv6”, “BGP for IPv6”

17:00 IPv6 Lab Module 1 – Basic iBGP

18:00 Close

(breaks for tea/coffee at 10:00 and 16:00)

Agenda – Thursday

08:30 Wednesday recap

09:15 IPv6 Lab Module 1 – IS-IS & iBGP (cont)

10:30 Presentations

“Campus Network Design”

“Layer 2 Network Design”, “Spanning Tree & vLANs”

13:00 Break for lunch

14:00 Presentation

“BGP Attributes”

15:00 Lab Module 6 – iBGP and eBGP

17:30 Close

(breaks for tea/coffee at 10:00 and 16:00)

Agenda – Friday

08:30 Thursday Recap

09:15 Lab Module 6 (cont)

11:30 Presentation

“BGP Policy Control”

12:30 Extra Topics:

Q&A, Configuring Dynamips,...

13:00 Break for lunch

15:00 Reception and Certificate Presentation

17:00 End of RwandaNOG Workshops

(break for tea/coffee at 10:00)