BGP/IXP Workshop

Philip Smith (NSRC)

Islamabad

19th – 22nd April 2016

Workshop Materials

- Master presentation archive:
  - http://bgp4all.com/ftp/isp-workshops

- Archive of this workshop:
  - https://nsrc.org/workshops/2016/nsrc-pta-isoc-ixp

- This workshop:
  - http://www.ws.nsrc.org/
  - Please keep this URL open, and download workshop materials as the workshop progresses

Housekeeping

- Wireless
  - SSID: NSRC-PFS
  - Password: 8888888888   (ten 8s)

Housekeeping

- This is a 4 day workshop
  - Completion certificates will be given to those who attend all four days
  - 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 – Tuesday

09:00 Introductions, Objectives

09:30 Presentations
    "Introduction to PKIX & PTA", "BGP Introduction/Recap"

12:00 Lab Module 6 – IS-IS, iBGP and eBGP

13:00 Break for Lunch

14:00 Lab Module 6 (cont)

16:00 Presentations
    "BGP Attributes", "BGP Policy Control"

18:00 Close

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

Agenda – Wednesday

09:00 Presentation

  "BGP Multihoming (Part 1)"

11:00 Lab Module 7 – BGP Route Filtering

13:00 Break for Lunch

14:00 Lab Module 7 (cont)

16:00 Presentation

   "BGP Best Practices"

18:00 Close

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

Agenda – Thursday

09:00 Presentations

"The Value of Peering", "IXP Design"

13:00 Break for lunch

14:00 Lab Module 16 – IXP

16:00 Presentation

"BGP Multihoming (Part 2)"

18:00 Close

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

Agenda – Friday

09:00 Presentations

    "BGP Communities"

    "PKIX Member Connections"

    "PKIX Peering & Services"

13:00 Break for lunch

14:00 Closing & Certificate Ceremony

(breaks for tea/coffee at 10:30)