Advanced Routing

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Workshop Materials

- Master archive:
 - http://bgp4all.com/ftp/isp-workshops
 - Please keep this URL open, and download workshop materials as the workshop progresses

Housekeeping

Wireless

SSID: AIS or AIS-bgn

Password: success!

Housekeeping

- This is a 5 day workshop
 - Completion certificates will be given to those who attend all five days
- 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

Agenda – Tuesday

```
09:00 Presentations
    "IPv6 Standards and Protocols", "IPv6 Addressing",
    "IPv6 Routing Protocols"
11:30 Lab Module 1 - IPv6 ISIS and iBGP
13:00 Break for Lunch
14:00 Presentations
 "ISIS for IPv6", "BGP for IPv6", "BGP Scaling Techniques"
16:30 Lab Module 3 – BGP Route Reflector
     (Using IPv4 and IPv6)
18:00 Close
(breaks for tea/coffee at 11:00 and 16:00)
```

Agenda – Wednesday

```
"BGP Attributes", "BGP Policy Control"

11:30 Lab Module 6 – iBGP and eBGP

13:00 Break for lunch

14:00 Lab Module 6 – iBGP and eBGP

(continued)

16:30 Presentations

"OSPF to ISIS migration", "BGP Best Practices"

18:00 Close

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

```
"BGP Multihoming (part 1)"

11:30 Lab Module 7 – Route Filtering

13:00 Break for lunch

14:00 Presentation

"BGP Multihoming (part 2)"

16:30 Lab Module 7 – Route Filtering

18:00 Close

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

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"BGP Communities"

11:30 Lab Module 8 – BGP Policies

13:00 Break for lunch

14:00 Presentation

"The Value of Peering"

16:30 Lab Module 8 – BGP Policies

17:45 Extra Topics:

Configuring Dynamips,...

18:00 End of Workshop
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(breaks for tea/coffee at 11:00 and 16:00)