SANOG XV
IXP Routing Workshop Program

Day One:

0900 - 1045   Introduction to Routing
                    - Introduction to the Internet
                    - Routing Basics

1045 - 1100   ***Coffee Break***

1100 - 1300   OSPF for ISPs
                    - Introduction to OSPF -
                    - OSPF Deployment for ISPs

1300 - 1400   ***Lunch Break***

1400 - 1545   BGP
                    - Introduction to BGP
                    - BGP Attributes and Policy Control

1545 - 1600   ***Coffee Break***

1600 - 1730   BGP Best Current Practices
                    -      OSPF & IBGP Lab Exercises
                          o   Lab Module 1: (01a-OSPF+BGP.pdf)

Day Two:

0900 - 1045   BGP for ISPs Continued
                    -      BGP Scaling Technics

1045 - 1100   ***Coffee Break***

1100 - 1300   BGP Lab Exercises
                    - Lab Module 2: (6a+OSPF+iBGP+eBGP.pdf)

1300 - 1400   ***Lunch Break***

1300 - 1545   BGP Lab Exercises Continued
                    - Lab Module 3: (07-Route-Filtering.pdf)

1545 - 1600   ***Coffee Break***

1600 - 1730   BGP Lab Exercises Continued

Day Three:

0900 - 1045   Advanced BGP
            -      BGP Multi-homing Technics

1045 - 1100   Coffee Break

1100 - 1300   BGP Multi-homing Exercises
            - Lab Module 4 – (Multihoming Strategies.pdf)

1300 - 1400   Lunch Break

1300 - 1545   BGP Multihoming Exercises
            - Lab Module 4 Continued

1545 - 1600   Coffee Break

1600 - 1730   BGP Communities for Multi-homing

Day Four:

0900 - 1045   Introduction to IXP
            - Transit and IXPs

1045 - 1100   Coffee Break

1100 - 1300   IXP Exercises
            - Lab Module 5: (16-Advanced-IXP.pdf)

1300 - 1400   Lunch Break

1400 - 1545   IXP Exercises
            - Lab Module 5 Continued

1545 - 1600   Coffee Break

1600 - 1730   Introductions to IPv6

Day Five:

0900 - 1045   IPv6 Exercises
            - IPv6 Module 1: (01a-IPv6-OSPF+BGP.pdf)

1045 - 1100   Coffee Break

1100 - 1300   IPv6 Exercises
                          - IPv6 Module 2: (06a-IPv6-OSPF+iBGP+eBGP.pdf)

1300 - 1400   ***Lunch Break***

1400 – 1545   *IPv6 IXP Exercises*
                          - IPv6 Module 3: (16-Advanced-IXP.pdf)

1545 – 1600   ***Coffee Break***

1600 – 1730   *Summary Discussions*