

PACNOG 7 DRAFT AGENDA

26TH JUN - 3RD JULY 2010, TRADEWINDS HOTEL PAGOPAGO

SATURDAY - 26TH JUNE, TRADEWINDS

- Arrival & Set Up

SUNDAY – 27TH JUNE, TRADEWINDS

- Registration
- Beginners Course – Linux, Unix system
- Cont'd Set Up

PACNOG 7 BEGIN

TIME:

- | | |
|-----------------|----------------------------------|
| - Start: 8:30am | - Morning Break: 10am – 10:20am |
| - End: 5:00pm | - Lunch Break: 12:30pm – 1:30pm |
| | - Afternoon Break: 3pm – 3: 20pm |

DAY 1 - MONDAY – 28TH June, TRADEWINDS

Conference & Tutorials

- Conference on practical network topics and exchanges, services, and developments, Network Technologies, Regional Updates & Case Presentation
- Tutorial on IPv6 implementation
- Instructors Briefing

DAY 2 - TUESDAY – 29TH June, TRADEWINDS

Training & Lab Session Tracks

- **Track 1 - Network Routing by Dr Philip Smith; CISCO**
 - Presentations: Routing Basics, Intro to OSPF, Deploying OSPF, Intro to BGP
 - Labs: Setting up network with OSPF and BGP
- **Track 2 - Network Systems by Hervey Allen & Andy Linton**
 - IL Linux OS
 - System Admin
 - IP Fundamentals

DAY 3 - WEDNESDAY – 30TH June, TRADEWINDS

Training & Lab Session Tracks

- **Track 1 - Network Routing by Dr Philip Smith; CISCO**
 - Presentations: Introduction to IPv6, IPv6 Routing Protocols, BGP Attributes & Policy
 - Labs: Adding IPv6 to Tuesday's Lab, eBGP Lab (using IPv4 and IPv6)
- **Track 2 – Network System by Hervey Allen & Andy Linton**
 - Building LAMP box,
 - IP Services & Security

DAY 4 - THURSDAY – 1ST JULY, TRADEWINDS

Training & Lab Session Tracks

- **Track 1 - Network Routing by Dr Philip Smith; CISCO**
 - Presentations: BGP Scaling, BGP Best Practices
 - Labs: Filtering and BGP Policies Lab (using IPv4 or IPv6 or both)

- **Track 2 – Network System by Hervey Allen & Andy Linton**
 - DOMAIN NAME SYSTEMS (DNS)
 - DNS infrastructure,
 - Robustness & reliability
 - Best practices

DAY 5- FRIDAY – 2ND JULY, TRADEWINDS

Training & Lab Session Tracks

- **Track 1 - VOIP Workshop by Jonny Martin; PCH**
 - Session 1.
 - Introduction to Voice, VoIP, and SIP
 - Introduction to Asterisk (common open-source PABX)
 - Session 2.
 - LAB: Asterisk install and basic configuration
 - Session 3.
 - Very quick introduction to advanced asterisk techniques
 - LAB very quick introduction to advanced asterisk techniques
 - Session 4.
 - LAB: Basic TrixBOS configuration (ready to go PABX with GUI)

- **Track 2 – Network System by Hervey Allen & Andy Linton**
 - Domain Name System Security Extensions (DNSSEC)

DAY 6 - SATURDAY – 3RD JULY, TRADEWINDS

Training & Lab Session Tracks

- **Track 1 - VOIP Workshop by Jonny Martin; PCH**
 - Session 5.
 - Introduction to Cisco Gateways
 - LAB Basic Cisco voice gateway configuration
 - Session 6.
 - LAB Advanced Cisco voice gateway configuration
 - Session 7.
 - Introduction to VoIP security
 - LAB VoIP QOS
 - Session 8.
 - ENUM
 - LAB Asterisk ENUM configuration

- **Track 2 – Cont'd Domain Name System Security Extensions (DNSSEC) by Hervey Allen & Andy Linton**