

DAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY		
JUNE	13	14	15	16		17	
			PLENARY	TRACK 1	TRACK 2	TRACK 1	TRACK 2
<b>TRACK TITLE</b>	<b>ARRIVALS</b>	<b>SETUP</b>	<b>CONFERENCE &amp; TUTORIAL</b>	<b>SYSTEMS Workshop - Introduction to Linux</b>	<b>ROUTING &amp; IPv6</b>	<b>NETWORK MANAGEMENT workshop</b>	<b>ROUTING &amp; IPv6</b>
Resource				Hervey Allen + Phil Regnaul; NSRC	Dr Philip Smith; CISCO	Hervey Allen + Phil Regnaul; NSRC	Dr Philip Smith; CISCO
Room							
AM 1:		Setup	<b>Opening &amp; Welcome remarks by Host &amp; PITA</b> <b>Keynote Address</b> <b>Risk as part of everyday life</b> ; by John Crain, CTO, ICANN <b>Internet Development in French Polynesia</b>	*Welcome *Introduction to Ubuntu and Linux/Unix *LAB: Install Ubuntu *Privileges	Introductions & Objectives Routing Basics Introduction to OSPF OSPF for ISPs	*Local & End-to-End Analysis *LAB: Use iperf to measure network performance bet 2 pts *Overview of SNMP	Introduction to IPv6 Ipv6 Routing Protocols OSPFv3 BGP for IPv6
<b>BREAK</b>							
AM 2:			<b>Issues &amp; Significant developments with IP Networks</b> <b>IP Addressing IPv4 running out</b> ; by Elly Tahwhai, Internet Resources Analyst; APNIC <b>IPv6: Benefits , Technical &amp; Service considerations</b> ; by Dr Philip Smith, Senior Consulting Engineer, CISCO Systems <b>Current Best Practices in securing network infrastructures</b> ; by Merike kaeo; DOUBLE SHOT SECURITY <b>PANEL DISCUSSIONS: Where are we and facing the next generation Internet and Security needs</b>	*LAB: Practice privilege concepts *Editing *LAB: Practice using vi *Commands *LAB: Practice with consoles, vi & command completion	Lab Module 1 : Basic OSPF & iBGP	*Exercises: SNMP *Configuration & Change Mgmt* *DEMO: using rancid *EXERCISE: install Concurrent Versioning System	Lab Module 1: IPv6 OSPF & iBGP
<b>LUNCH</b>							
PM 1:			<b>TUTORIAL ON DNSSEC</b> [see Agenda for detail outlines]	*TCP/IP Networking *LAB: configure network i/f & default route	Lab Module 1 - cont'd	*Logging EXERCISE: install Syslog-ng, rec msg from router	Lab Module 2 iBGP & eBGP
<b>BREAK</b>							
PM 2:		Registrations	<b>ROUNDTABLE DISCUSSIONS : Recurring &amp; Emerging operational Issues</b>	*What is Network Monitoring & Management *Network Performance Metrics/ definitions *Host Network Tools *LAB: Look for jitter bet 2 points with ping	Introduction to BGP Lab Module 1 - cont'd	*RRDTool & MRTG *Exercise: setup MRTG *Smokeying & Cacti *Demo: Smokeying in use *Demo Cacti in use *Exercise: install & configure Smokeying/ and or Cacting	BGP Attributes & Policy Control Lab Module 2 - cont'd
<b>EVENING: 1800 +</b>			<b>OPENING SOCIAL RECEPTION</b>				

DAY	THURSDAY		FRIDAY		SATURDAY	
APRIL	18		19		20	
	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 3	TRACK 4
Track Title	<b>NETWORK MANAGEMENT workshop</b>	<b>ROUTING &amp; IPv6</b>	<b>SECURITY Workshop</b>	<b>VoIP Workshop</b>	<b>SECURITY Workshop</b>	<b>VoIP Workshop</b>
Resource	Hervey Allen + Phil Regnaud; NSRC	Dr Philip Smith; CISCO	Merike Kaeo; Double Shot Security + Hervey Allen; NSRC	Jonny Martin; Packet Clearing House + Andy Linton; Victoria University of Wellington	Merike Kaeo; Double Shot Security + Hervey Allen; NSRC	Jonny Martin; Packet Clearing House + Andy Linton; Victoria University of Wellington
Room						
AM 1	*Nagios Overview & Configuring  *Exercise: install, configure & add host router	BGP Scaling techniques  BGP Best Current Practices	Introduction: Security Fundamentals  Practical Infrastructure Security  LAB 1: Securing Device Access	Introduction to Voice VoIP & SIP  Introduction to Asterisk (common source pabx)	Logging / Auditing	LAB: VoIP QOS
Break						
AM 2	*Documentation & Ticketing  *Demo: RT & Trac in action  *Exercise: install Redmin & Trac	Lab Module 3: Route Filtering & Advanced BGP	Practical Infrastructure Security cont'd  LAB 2: Securing the Data Path  LAB 2:Securing the Routing Infrastructure	LAB: Asterisk install and basic configuration  Very quick introduction to advance asterisk techniques  LAB: very quick introduction to advanced asterisk techniques  LAB: Basic TrixBos configuration (ready to go pabx with GUI)	LAB 4: Logging via Syslog and using NetFlow tools	ENUM  LAB: Asterisk ENUM configuration
Lunch	LUNCH Sponsored by OPT PF				End of PacNOG 5 - See you next in Fiji for PacNOG 6	
	Revisions & Summary		IPv6 and Infrastructure Security	Introduction to Cisco gateways  LAB: Basic Coisco gateway configuration		
Break						
	Exam	IPv6 Deployment CASE STUDY	LAB 3:IPv6 Infrastructure Security	LAB: advanced Cisco voice gateway configuration  Introduction to VoIP security		
Evening	CLOSING SOCIAL RECEPTION					

See Agenda for detailed outlines of Tracks