



DAY	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY		
NOV	14	15	16	17	18		
			PLENARY	TRACK 1	TRACK 2		
TRACK TITLE	ARRIVALS	SETUP	CONFERENCE & TUTORIAL	SYSTEMS Workshop - Introduction to Linux	Internet Resources Management Essentials	NETWORK MANAGEMENT workshop	Routing Workshop (IPv4 + IPv6)
Resource			Plenary session	Hervey Allen + Sebastian Buettrich; NSRC	Nurul, APNIC	Hervey Allen + Sebastian Buettrich; NSRC	Dr Philip Smith; CISCO
Room			SKYLODGE	TANOA	TALEI	TANOA	TALEI
AM 1:		Setup	Opening remarks APNIC Update & Future activities: Nurul Islam ICANN and Developments: Save Vocea e-gov & network developments - Fiji case study: Ratinesh Kumar, ITC	Editing with vi Terminals and consoles	WHOis database	*DEMO: using rancid *EXERCISE: install Concurrent Versioning System	OSPF for ISP
BREAK							
AM 2:			Laying Intercity cabling case study & experiences: Daniel Griggs; FX Networks Education network challenges for Cook Is Daniel Munro, EduNet, Min of Education Country Panel Discussions: FSM, Nauru Kiribati, Tuvalu Vanuatu, Solomon Is Paper by Sebastian Buettrich (TBC) Instructors Briefing	TCP/IP Overview NETWORK MANAGEMENT workshop *What is Network Monitoring & Management *Network Performance Metrics/ definitions *Host Network Tools *LAB: Look for jitter bet 2 points with ping	My APNIC Portal Reverse DNS delegation	*Logging EXERCISE: install Syslog-ng, rec msg from router *RRDTool & MRTG *Exercise: setup MRTG *Smokeping & Cacti *Demo: Smokeping in use *Demo Cacti in use *Exercise: install & configure Smokeping/ and or Cacting	Lab Module 1 : Basic OSPF & iBGP Presentation "introduction to BGP"
LUNCH							
PM 1:			SYSTEMS Workshop - Introduction to Linux *Welcome *Introduction to Linux	Internet Resources Management Essential Address policies and procedures	NETWORK MANAGEMENT workshop *Local & End-to-End Analysis	Routing Workshop (IP4, IPv6) Introduction Objectives *Nagios Overview & Configuring *Exercise: install, configure & Add host router	Lab module 1 - cont'd
BREAK							
PM 2:		Registr_ns	Install Ubuntu Linux Commands overview Permissions	Address requests, assignments and allocations *LAB: Use iperf to measure network, performance bet 2 pts Overview of SNMP; Exercises SNMP *Configuration & Change Mgmt*	Presentation: "Internet introductions" "routing basics" "introduction to OSPF"	*Documentation & Ticketing *Demo: RT & Trac in action *Exercise: install Redmin & Trac	Presentations "Introduction to IPv6" "IPv6 Standards & Protocols"
EVENING: 1800 +			OPENING SOCIAL RECEPTION				

DAY	THURSDAY		FRIDAY		SATURDAY	
NOV	19		20		21	
	TRACK 1	TRACK 2	TRACK 1	TRACK 2	TRACK 1	TRACK 2
Track Title	SECURITY Workshop	Routing workshop (IPv4 + IPv6)	Internet Service Fundamentals	VoIP Workshop up and deployment Asterisk Set	Internet Service Fundamentals	VoIP Workshop Asterisk Set up and deployment
Resource	Hervey Allen + Sebastian Buettrich; NSRC	Dr Philip Smith; CISCO	Nurul APNIC (PM)	Jonny Martin, PCH	Nurul, APNIC	Jonny Martin, PCH
Room	TANOA	TALEI	TANOA	TALEI	TANOA	TALEI
AM 1	Introduction: Security Fundamentals Securing infrastructure	"IPv6 addressing & Routing protocols"	Welcome Overview of Internet services fundamentals	Introduction to Voice VoIP & SIP Introduction to Asterisk (common source pabx)	TCP/IP	LAB: VoIP QOS
Break						
AM 2	Securing infrastructure Short presos: Logging	OSPFv3 BGP for IPv6	Core Technologies DNS	LAB: Asterisk install and basic configuration Very quick introduction to advance asterisk techniques LAB: very quick introduction to advanced asterisk techniques LAB: Basic TrixBox configuration (ready to go pabx with GUI)	IP Addressing Subnetting	ENUM LAB: Asterisk ENUM configuration
Lunch						
	DDOS attacks, NIDS, WiFi	Lab 1: IPv6 OSPF & iBGP	IPv6 and Internet Security	Introduction to Cisco gateways LAB: Basic Coisco gateway configuration	Network Design	
Break						
	Cryptography SSH, SSL, PGP	Lab 2: OSPF areas Lab 3: IPv6 OSPF areas	Protocols	LAB: advanced Cisco voice gateway configuration Introduction to VoIP security	Internet Structure and Management	
Evening						

DAY	MONDAY		TUESDAY		WEDNESDAY		THURSDAY
NOV	23		24		25		26
	TRACK 1	TRACK 2	TRACK 1	TRACK 2	TRACK 1	TRACK 2	TRACK 1
TRACK TITLE	PacNOG Advanced 1: Routing & IPv6	PacNOG Advanced 2: Security & Forensics	PacNOG Advanced 1 - Routing & IPv6	PacNOG Advanced 2: Security & Forensics	PacNOG Advanced 1 - IXP Workshop	PacNOG Advanced 2: Security & Forensics	PacNOG Advanced 1 - IXP Workshop
Resource	Dr Philip Smith; CISCO	Marcel van den Berg (TEAM CYMRU)	Dr Philip Smith; CISCO	Marcel van den Berg (TEAM CYMRU)	Jonny Martin, PCH	Marcel van den Berg (TEAM CYMRU)	Jonny Martin, PCH
Room	TALEI	CEO	TALEI	CEO	TALEI	CEO	TALEI
AM 1:	Presentation "BGP Scaling techniques"	BOTNET 101 Introduction to Botnets	Presentation "IPv6 Deployment case study"	BOTNET 201 Investigating IRC Botnets (hosts)	(details to be entered)	HTTP Ddos Botnet functionality	(details to be entered)
BREAK							
AM 2:	Lab 3: BGP Route reflector Lab 3: IPv6 BGP Route reflector	IRC Botnet functionality	Lab 6: IPv6 iBGP & eBGP Lab 7: IPv6 route filtering & advanced BGP Lab 8: IPv6 Multihoming strategies	Investigating Botnets (networks)		HTTP Credential theft botnets functionality	
LUNCH							
PM 1:	Lab 6: iBGP and eBGP	IRC Botnet functionality	Cyber Crime - Security Stakeholders Seminar (combined session with concurrent Mobile Workshop & PacCERT Meeting)			Investigating botnets (netflow analysis)	
BREAK							
PM 2:	Presentation "BGP Attributes & Policy Control"	IRC Botnet functionality	Cyber Crime - Security Stakeholders Seminar (combined session with concurrent Mobile Workshop & PacCERT Meeting)			Targeting malware (memory analysis) End of Track 2	
EVENING: 1800 +							