

Welcome!



Linux Intro & Network Management
Papeete, French Polynesia

Instructors:

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Schedule

- 0800-1000 Session I
- 1000-1030 break
- 1030-1230 Session II
- 1230-1330 lunch
- 1330-1530 Session III
- 1530-1600 break
- 1600-1800 Session IV

Class Schedule

Available on the web: <http://www.pacnog.org/pacnog5/track1/>

Tuesday

- * Welcome (HA)
- * Introduction to Linux/Unix (shells, kernels, processes) (HA)
- * Commands (HA)
 - Lab: a few basics, command completion, command line editing
- * Editing (HA)
 - Lab: Practice using vi
- * Privileges (HA)
 - Lab: Practice these concepts
- * Software install (HA)
 - Lab: install
- * TCP/IP Networking (PR)
 - Lab: Configure network interface and default route
- * Network Performance Metrics / Definitions / Host Network Tools (PR)
 - Lab: Use various network tools/utilities
- * Presentation: What is Network Monitoring and Management? (HA)
- * Trac Introduction and present classroom Trac Wiki for Net Documentation (HA)
 - Lab: Use the wiki!

Class Schedule cont.

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Wednesday

- * Presentation: Nagios Overview and Configuring Details (HA)
 - Lab: Install Nagios, configure and add a second host/router
- * Presentation: Overview of SNMP (PR)
 - Lab Exercises: SNMP
- * RRDTOol and MRTG Concepts (PR)
- * Presentation: Smokeping and Cacti (HA)
 - Demo Smokeping in use
 - Demo Cacti in use
 - Lab: Install and configure Smokeping and/or Cacti
- * Presentation: Logging (PR)
 - Lab: Install Syslog-ng, receive messages from a router

Thursday

- * Presentation: Configuration and Change Management (PR)
 - Lab: install Concurrent Versioning System (CVS)
 - Lab: using Rancid
- * Summary and Q&A

Social Events

Sunday Welcome Reception

- 6pm outside conference hall
- Sponsored by OPT

Thursday Lunch

- 1230pm outside classrooms
- Sponsored by OPT

Friday Dinner

- 6pm location TBD
- Sponsored by NSRC, PITA, OPT

Books

Sponsored by

- O'Reilly media
- Cisco press
- Network Startup Resource Center

Titles

- *Essential System Administration*
- *Nagios, Second Edition*
- *Network Warrior*
- *Ipv6 Network Administration ?*
- *Ipv6 Essentials ?*

Questions

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