

Introduction

PacNOG4 VoIP Workshop
Port Vila, Vanuatu, 2008

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Jonny

- Been building VoIP networks for about nine years
- Currently working for FX Networks in NZ
 - 40Gbit/s nationwide backbone, ISP, Voice services and voice peering exchange
- Soon to work for PCH in San Francisco, will still be involved in the Asia Pacific region
- I'm more than happy to help you out at any time - just email / ring / IM
- Lots of experience in VoIP, optical networks, access networks, wireless, outside plant. Especially practical and pragmatic networking

Agenda

- Session 1
 - Introduction to Telephony
 - Introduction to SIP
- Session 2
 - Asterisk Introduction
 - LAB: Build a trixbox PABX

Agenda... ctd

- Session 3
 - Setup trixbox
 - Extensions, voicemail, DDIs etc.
 - Trunks to other groups
- Session 4
 - Introduction to Cisco voice gateways
- Session 5
 - VoIP considerations and issues in the Pacific Islands

It is assumed that you have...

- a basic knowledge of Linux/Unix
- a basic knowledge of Cisco IOS
- a rough idea of what VoIP is!
- a desire to learn and partake

Some questions

- Who is running production VoIP networks?
 - What sort of hardware / software?
- Who has configured VoIP networks before?
- Who has used Asterisk before?
- Who has used Cisco voice gateways before?
- Who has any Unix/Linux experience

If time permits...

- SIP call analysis
- ENUM
- Advanced Asterisk techniques
- Advanced Cisco gateway configuration