IP/ISP Security Workshop

Dates: 26-29 June 2018

Event: PacNOG22

Location: Honiara, Solomon Islands

Venue: Heritage Park Hotel

Synopsis

The objective of this workshop is to examine the key concepts, protocols and the policies involved in establishing and maintaining security for a network, and building an understanding and familiarity with their operation. Device and network infrastructure security is examined with a focus on different layers to establish a robust, stable and secure network and protect the data and processes that occur in the network.

The workshop also looks at the nature and structure of network attacks and the motivation that drives such on-line malicious activity.

The course further examines the actions and processes that can be used to identify, mitigate and respond to such attacks.

Target Audience

Engineers, Network Managers and Operators, and Security policy makers who are interested in network security and want to gain an understanding of the threats they face and how to mitigate such threats.

Pre-requisites

It is assumed that participants have a basic understanding of network operations and Internet technologies.

Workshop topics

* Network Security Fundamentals

* Security on Different Layers and Attack Mitigation

* Cryptography and PKI

* Device and Infrastructure Security

* Operational Security and Policies

* Virtual Private Networks and IPsec

* IPv6 Security

* Route Filtering

* DNS Security

* DNSSEC

* Root Zone KSK Rollover

Instructors:

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