MIMOS Cloud Health Analyser (Mi-Mocha)

Growing IT infrastructure require operational analytics to gain visibility across the entire technology infrastructure. MIMOS Mi-Mocha offers a full suite of monitoring capabilities such as multi-protocol monitoring, passive checks, rule-based notification and multi-site features making monitoring simple.

Overview

MIMOS Mi-Mocha is complete cloud-based monitoring system that provides aggregation status, multi-protocol monitoring, and supports custom scripts. The system consists of comprehensive graphing tools, flexible multi-channel notification, and centralised monitoring for multi-site environments. This system offers a complete and efficient monitoring system to either small or large complex environments, providing instant alerts and notifications on event occurrences thereby facilitating fast responses to issues.

Features

Mi-Mocha comprises the following features:

- **Passive Checks**
  Mi-Mocha uses multiple passive checks (multiple element monitoring checks within equipment) via a single active check to reduce the number of requests and responses from equipment and increases the overall monitoring efficiency.
- **Business Intelligence**
  Status data is aggregated from numerous hosts and services to provide a complete status of complex applications and similar processes.
- **Multi-Channel Notification**
  Simple and flexible configuration of multi-channel notification (e-mail, SMS, XMPP) can be defined and differently configured per user, user group, device and device group.
- **Multi-Site Information**
  Mi-Mocha's web-based GUI displays monitoring status information allowing scalable implementation by monitoring a large number of remote sites by combining data sources, layouts, filters, sorting, grouping, column-painters and inter-view links.
- **Event Console**
  An event console adds real and native event processing without losing the advantages of the state-based monitoring. It receives messages from Syslog, SNMP trap daemon and other applications and processes these by applying a custom set of rules at a rate of more than1000 messages per second. It also automatically executes actions based on these messages.

Technology Benefits

The main impacts of Mi-Mocha are:

- **Multi-Protocol Monitoring**
  Mi-Mocha can use either SNMP or Nagios plug-ins to monitor predefined elements (servers, switches, services, applications and databases)/method, or customised scripts in any language to monitor unconventional/special elements.
- **Rule-Based Notification**
  Mi-Mocha users can set the notification method and flow if an event occurs.
- **Multi-Site Monitoring**
  Mi-Mocha users can have centralised visualisation of one or more sites by retrieving live data from other remote sites on demand and merge these into a selected remote sites server.

Technology Summary

Mi-Mocha

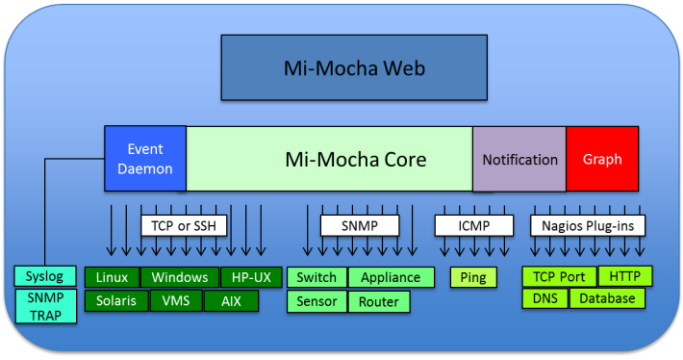
A cloud-based IT infrastructure monitoring system for small or large environments that utilises SNMP, TCP, SSH and custom scripts.
Industries: Enterprise, Government

Features

- Passive checks
- Business intelligence
- Multi-channel notification
- Multi-site information
- Event console

Technology Benefits

- Multi-protocol monitoring
- Rule-based notification
- Multi-site monitoring



MIMOS Mi-Mocha system architecture

MIMOS Mi-Mocha main page

System Requirements

Mi-Mocha	
Hardware Requirements	
Processor	Intel® Pentium Core 2 Duo, 2.5GHz
Memory	Minimum 4GB of RAM
Disk Storage	Minimum 200GB of hard disk space
Software Requirements	
Operating System	Ubuntu® 12.04
Web Server	Apache 2 and above
Language Compiler	Python 2.5 and above

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