



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 than 1000 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.

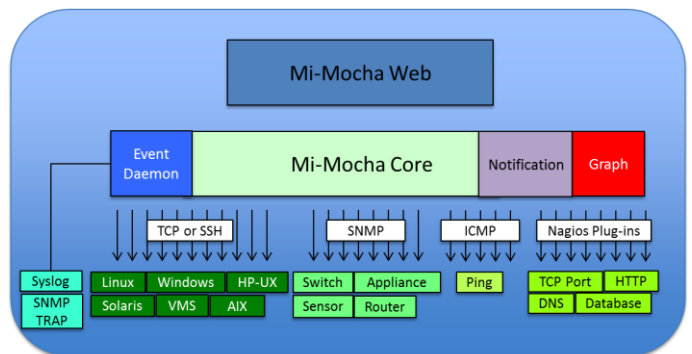
Industries: Enterprise, Government

Features

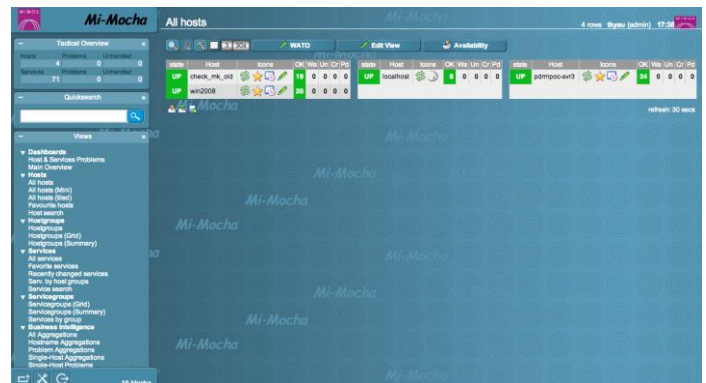
- Passive checks
- Business intelligence
- Multi-channel notification
- Multi-site information
- Event console

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

