

avMonitoring



Overview

avMonitoring is a availability monitoring system by provide a socket connection to the server and get a binary status; "online" and "offline", and notify to system administrator when server or service fail by send an E-Mail, record to Google Calendar event sent Short Message Service (SMS) by Google Calendar or other SMS gateway. avMonitoring has report 2 type; status report for each servers per services and summary of downtime. each report can generate by specify date range and server name. The data store in database, can be used for another works.

Features

Easy to use, Easy to install

- Easy to use browser-based GUI.
- The system is running on Apache, PHP and MySQL.
- Working on Windows, Linux, Unix and Mac.

Easy Integration

- The data is stored into the database.
- The data can be used for another works.

Agent less Monitoring

- No need agent to target machine.
- Supports standards such as HTTP, SMTP, POP3, IMAP etc.
- Specify the server both the IP Address and FQDN.

Individual Notification

- Specify server administrator and alert individuals.
- Notification via email.
- Alerts via Google Calendar.
- Alerts via SMS, using Google Calendar or other SMS Gateway.

Summary Reports

- Reports can be created by the specified date and the server.
- Report the number of the stopping of servers and services.
- Reporting period of service outage.

Dashboard

avMonitoring Landed in as Administrator | [SignOut](#)

Dashboard	Monitor	Server	Service	Report	User
System	Linux anuchit-ch 2.6.35-25-generic #44-Ubuntu SMP Fri Jan 21 17:40:48 UTC 2011 i686 GNU/Linux				
Server Name	mon.redline.net				
Server Software	Apache/2.2.16 (Ubuntu)				
Uptimes	2:11, 1 user				
Server Registered	4 Machine(s)				
Service Monitored	8 Service(s)				
Lastest Monitored	2011-02-09 01:05:08				

- System status, monitored server and services.
- Monitoring server status.
- Latest monitoring.

Monitoring

avMonitoring Logged in as Administrator | SignOut

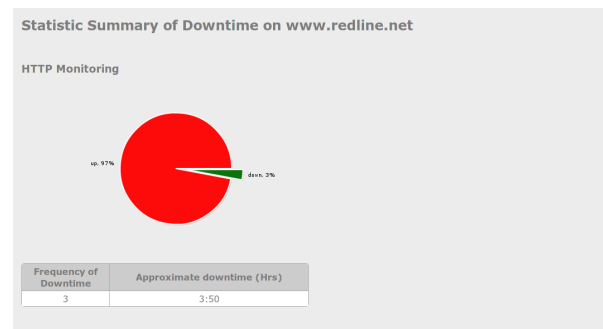
Dashboard **Monitor** Server Service Report User

+ Add Monitoring Service

ID	Name	Service	EMAIL	SMS	Last Monitored	Status	Action
1	RedLineSoft WebSite	HTTP	No	No	2011-02-09 01:15:01	online	Edit Delete
2	RedLineSoft WebSite	ICMP	No	No	2011-02-09 01:15:03	online	Edit Delete
3	One Cloud	HTTP	No	No	2011-02-09 01:15:03	online	Edit Delete
4	One Cloud	SMTP	No	No	2011-02-09 01:15:05	online	Edit Delete
7	One Cloud	ICMP	No	No	2011-02-09 01:15:05	online	Edit Delete
10	avMonitoring	ICMP	No	No	2011-02-09 01:15:07	online	Edit Delete
9	Example	HTTP	No	No	2011-02-09 01:15:07	online	Edit Delete
8	Example	SSH	No	No	2011-02-09 01:15:07	online	Edit Delete

- Server / Service list and status.
- Notification type.
- Latest monitoring.

Report



- Statistic Summary of server and services status.
- Summary frequency of downtime.
- Generate report form database.

Server

avMonitoring Logged in as Administrator | SignOut

Dashboard Monitor **Server** Service Report User

+ Add Server

ID	Name	FQDN/IP Address	Owner	Action
1	RedLineSoft WebSite	www.redline.net	Administrator	Edit Delete
2	One Cloud	console.onecloud.com	Administrator	Edit Delete
3	avMonitoring	mon.redline.net	Administrator	Edit Delete
4	Example	example.com	Administrator	Edit Delete

- Register server to monitor.
- Specify server's owner for notification.
- Support Windows, Linux, Unix, Mac server.

Improve Service Availability

- Immediate notification of outages and performance-related issues significantly reduces the Mean Time to Repair (MTTR) for problems
- 24/7 proactive monitoring increases availability and lowers IT operating costs by identifying problems before they cause costly outages
- Rapid isolation of problems reduces the troubleshooting time and related-expenses

Service

avMonitoring Logged in as Administrator | SignOut

Dashboard Monitor Server **Service** Report User

ID	Name	Default Port
1	HTTP	80
2	SMTP	25
3	POP	110
4	IMAP	143
5	FTP	21
6	SSH	22
7	TELNET	23
8	ICMP	0

- Support standard port or specify the alternate port
- Support ICMP monitoring

