



## Purpose

This document describes how to monitor Mac OS X with Nagios XI.

## Target Audience

This document is intended for use by Nagios XI Administrators that would like to use Nagios XI to monitor Mac OS X.

## Prerequisites

The Mac OS X NRPE Agent needs to be installed on target machines. Please follow the instructions in this documentation to install it:

[Installing The Nagios XI Mac OSX Agent](#)

## Mac OS X Monitoring Wizard

To begin using the Mac OS X wizard navigate via the top menu bar to **Configure** > **Run a configuring wizard** and select the **Mac OS X** wizard. In the following screenshot you can see how the search field allows you to quickly find a wizard.

The screenshot shows the Nagios XI web interface. The top navigation bar includes 'Home', 'Views', 'Dashboards', 'Reports', 'Configure' (circled in blue), 'Tools', 'Help', and 'Admin'. The left sidebar has a 'Configure' section with 'Configuration Wizards' circled in blue. The main content area is titled 'Configuration Wizards - Select a Wizard' and contains a search bar with 'mac' entered. Below the search bar, two wizard cards are visible: 'Mac OS X' (highlighted with a blue box) and 'SSH Proxy'.

On Step 1 you will be asked to supply the **IP Address** of the machine running the Mac OS X NRPE Agent

Click Next to progress to step 2.

On step 2 you will configure all of the options for monitoring.

To start off with make sure a valid **Host Name** has been entered.

The OS X Agent section can be ignored because you have already installed it.

The Mac OS X wizard allows you to specify which metrics should be monitored and also thresholds can be defined where applicable.

### Configuration Wizard: Mac OS X - Step 1

OS X Information

**IP Address:**

The IP address or FQDNS name of the OS/X machine you'd like to monitor.

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### Configuration Wizard: Mac OS X - Step 2

OS X Machine Details

**IP Address:**

**Host Name:**

The name you'd like to have associated with this machine.

OS X Agent

You'll need to install an agent on the OS X in order to monitor its metrics.

**Agent Download:** [Download Agent](#)

**Agent Install Instructions:** [Download Agent Installation Instructions](#)

**SSL Encryption:**

Determines whether or not data between the Nagios XI server and OS X agent is encrypted.  
**Note:** Legacy NRPE installations may require that SSL support be disabled.

Machine Metrics

Specify which services you'd like to monitor for the OS X machine.

**Ping**  
Monitors the machine with an ICMP "ping". Useful for watching network latency and general uptime.

**Load**  
Monitors the load on the server (1/5/15 minute values).  
⚠️  ⚠️

**CPU Statistics**  
Monitors the server CPU statistics (% user, system, and idle).

**Memory Usage**  
Monitors the memory usage on the server.  
⚠️  % ⚠️  %

**Users**  
Monitors the number of users currently logged in to the server.  
⚠️  ⚠️

**Total Processes**  
Monitors the total number of processes running on the server.  
⚠️  ⚠️

The Processes section allows you to specify any processes that you want to ensure are running. In this example the SSH Daemon (`sshd`) has been specified.

## Processes

Specify any process names that should be monitored to ensure they're running.

	Process	Display Name
<input checked="" type="checkbox"/>	sshd	SSH Daemon
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

[Add Row](#) | [Delete Row](#)










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Click Next and then complete the wizard by choosing the required options in Step 3 – Step 5.

To finish up, click on Finish in the final step of the wizard.

This will create the new hosts and services and begin monitoring.

Once the wizard applies the configuration, click the **View status details for your Mac OS X** link to see the new host and services that were created.

Host	Service	Status	Duration	Attempt	Last Check	Status Information
10.25.254.134 	/Disk Usage 	Ok	9m 34s	1/5	2016-12-19 14:34:02	DISK OK - free space: / 43180 MB (71% inode=71%):
	CPU Stats 	Ok	9m 34s	1/5	2016-12-19 14:34:10	CPU STATISTICS OK: user=16.66% system=33.33% iowait=0% idle=50.0%
	Load 	Ok	9m 34s	1/5	2016-12-19 14:34:04	OK - load average: 1.01, 0.00, 0.00
	Memory Usage 	Ok	9m 34s	1/5	2016-12-19 14:34:12	OK: Memory Usage - 32.29% RAM, 0% Swap
	Ping 	Ok	9m 34s	1/5	2016-12-19 14:33:59	OK - 10.25.254.134: rta 0.341ms, lost 0%
	SSH Daemon 	Ok	9m 34s	1/5	2016-12-19 14:34:08	sshd: 2
	Total Processes 	Warning	9m 34s	5/5	2016-12-19 14:38:04	PROCS WARNING: 164 processes
	Users 	Ok	9m 34s	1/5	2016-12-19 14:34:01	USERS OK - 2 users currently logged in

## Finishing Up

This completes the documentation on how to monitor Mac OS X in Nagios XI.

If you have additional questions or other support related questions, please visit us at our Nagios Support Forums:

<https://support.nagios.com/forum>

The Nagios Support Knowledgebase is also a great support resource:

<https://support.nagios.com/kb>