

## The Industry Standard in IT Infrastructure Monitoring

### 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.

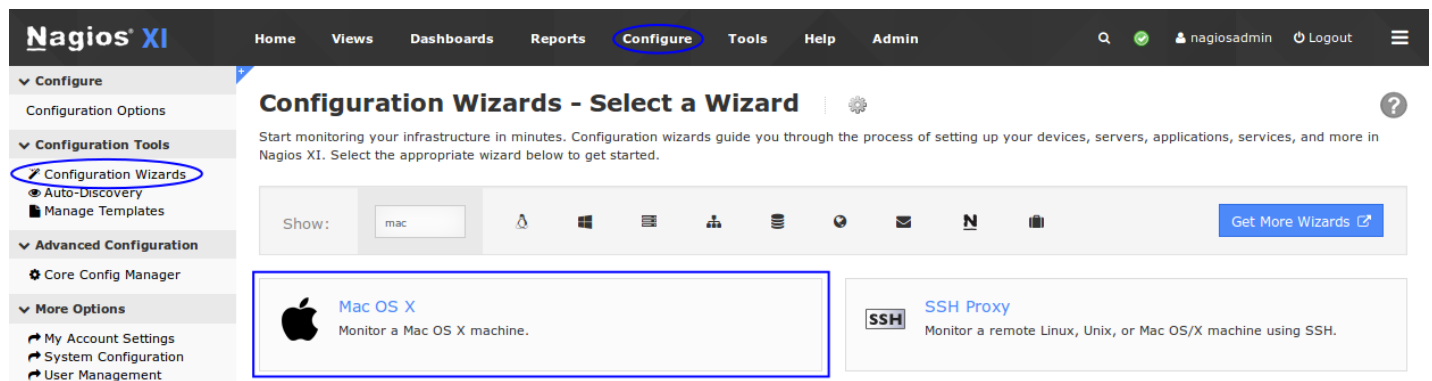
### Prerequisites

The Mac OS X NRPE Agent needs to be installed on target machines. Please follow the **Installing the XI Mac OSX Agent** documentation to install it:

[https://assets.nagios.com/downloads/nagiosxi/docs/Installing\\_the\\_XI\\_Mac\\_OSX\\_Agent.pdf](https://assets.nagios.com/downloads/nagiosxi/docs/Installing_the_XI_Mac_OSX_Agent.pdf)

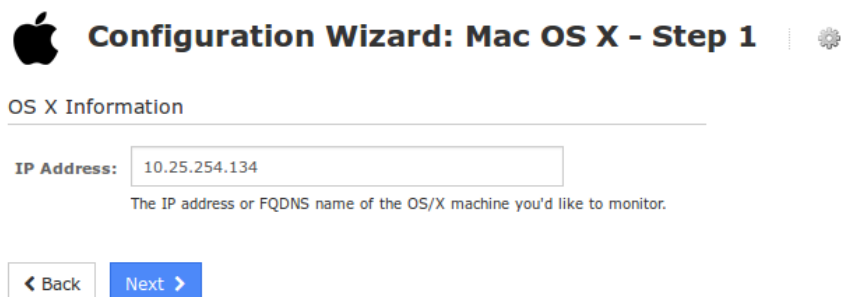
### Mac OS X Monitoring Wizard

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.



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 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.

**Disk Usage**  
 Monitors disk usage on the server. Paths can be mount points or partition names.

**Path:**   %  %

**Path:**   %  %

**Path:**   %  %

**Path:**   %  %

**Path:**   %  %

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

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](#)

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 xxxxx** 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

If you have any issues with monitoring Mac OS X with your Nagios XI system, please post your questions on the Nagios Support Forums at the following URL:

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