



## 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 NCPA Agent needs to be installed on target machines. Please follow the instructions in this documentation to install it:

[Installing NCPA](#)

## Mac OS X Monitoring Wizard

To begin using the Mac OS X wizard navigate via the top menu bar to **Configure** > **Configuration Wizards** 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'. Below the title is a search bar with 'mac' entered. The search results show two wizard options: '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 NCPA Agent and the token.

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

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

## Configuration Wizard: Mac OS X - Step 1

### Setup NCPA

The agent should be installed before you continue running this wizard.

- Download the latest version of NCPA for the system you would like to monitor
- Follow the [installation instructions \(PDF version\)](#) and configure the token for the agent

### Connect to NCPA

**Address:**   
The IP address or FQDNS name used to connect to NCPA.

**Port:**   
Port used to connect to NCPA. Defaults to port 5693.

Do not verify SSL certificate

**Token:**    
Authentication token used to connect to NCPA.

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## Configuration Wizard: Mac OS X - Step 2

### Host Information

**Address:**

**Host Name:**   
The hostname you'd like to have associated with this host.

**Port:**

**System:** 

### System Metrics

Specify the metrics you'd like to monitor on the NCPA Agent.

**CPU Usage**  
Check the CPU usage of the system. **Current CPU Usage**

%  % 4.38 %

Show average CPU usage instead of per cpu core

**User Count**  
Check the number of users currently logged into the system. **Current User Count**

#  # 0

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
Mac OS X	CPU Usage	Ok	N/A	1/5	2021-03-19 13:05:49	OK: Percent was 6.10 %
	Disk Usage on /	Ok	N/A	1/5	2021-03-19 13:06:37	OK: Used disk space was 4.20 % (Used: 19.41 GiB, Free: 445.19 GiB, Total: 464.85 GiB)
	Disk Usage on /dev	Critical	2m 56s	3/5	2021-03-19 13:09:15	CRITICAL: Used disk space was 100.00 % (Used: 0.00 GiB, Free: 0.00 GiB, Total: 0.00 GiB)
	Memory Usage	Warning	2m 13s	3/5	2021-03-19 13:10:04	WARNING: Memory usage was 79.70 % (Available: 0.41 GiB, Total: 2.00 GiB, Free: 0.01 GiB, Used: 1.35 GiB)
	Swap Usage	Critical	1m 31s	2/5	2021-03-19 13:09:40	CRITICAL: Swap usage was 72.80 % (Used: 1.45 GiB, Free: 0.54 GiB, Total: 2.00 GiB)
	User Count	Ok	N/A	1/5	2021-03-19 13:09:28	OK: Count was 0 users

## 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>