

Nagios Core

Version:	1.0.0
Created by:	cloudimg

Table of Contents

1.) Overview.....	1
2.) Access & Security.....	1
3.) System Requirements.....	2
4.) Connecting to the Instance.....	2
5.) On Startup.....	3
6.) Filesystem Configuration.....	3
7.) Server Components.....	3
8.) Scripts and Log Files.....	4
9.) Using System Components.....	4

1.) Overview

This document is provided as a user guide for the Nagios Core product offering on the AWS Marketplace. Please reach out to support@cloudimg.co.uk if any issues are encountered following this user guide for the chosen product offering.

2.) Access & Security



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>

Please update the security group of the target instance to allow the below ports and protocols for access and connectivity.

Protocol	Type	Port	Description
SSH	TCP	22	SSH connectivity
Custom TCP	TCP	80	Nagios Administration Portal

3.) System Requirements

The minimum system requirements for the chosen product offering can be found below

Minimum CPU	Minimum RAM	Required Disk Space
1	1 GB	20 GB

4.) Connecting to the Instance

Once launched in the Amazon EC2 Service, please connect to the instance via an SSH client using the **ec2-user** with the key pair associated at launch. Once connected as the **ec2-user** user, you will be able to sudo to the **root** user by issuing the below command.

Switch to the root user.

```
sudo su -
```

NOTE: Please allow the EC2 Instance to reach 2/2 successful status checks to ensure you will be able to connect successfully with the ec2-key pair assigned at launch. Upon attempting to SSH to early you may receive errors such as below, this is expected with an early SSH connection. Allow the EC2 instance to reach 2/2 status checks and you will be able successfully connect with the ec2-key pair assigned at launch as the ec2-user.

<input type="checkbox"/>	Name ↗	Instance ID	Instance state	Instance type	Status check
<input type="checkbox"/>	cloudimg-example-instance	i-039990b0d91026962	Running	t3a.xlarge	2/2 checks passed

Example errors you may receive with an early SSH connection.

```
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
ec2-user@your-instance-ip's password:
```



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>

5.) On Startup

An OS package update script has been configured to run on boot to ensure the image is fully up to date at first use. You can disable this feature by removing the script from /stage/scripts/ and deleting the entry in crontab for the root user.

Disable the OS update script from running on reboot

```
rm -f /stage/scripts/initial_boot_update.sh

crontab -e

#DELETE THE BELOW LINE. SAVE AND EXIT THE FILE.
@reboot /stage/scripts/initial_boot_update.sh
```

6.) Filesystem Configuration

Please see below for a screenshot of the server disk configuration and specific mount point mappings for software locations.

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	464M	0	464M	0%	/dev
tmpfs	481M	0	481M	0%	/dev/shm
tmpfs	481M	6.5M	475M	2%	/run
tmpfs	481M	0	481M	0%	/sys/fs/cgroup
/dev/xvda2	38G	3.2G	33G	10%	/
/dev/xvda1	2.0G	184M	1.7G	11%	/boot
tmpfs	97M	0	97M	0%	/run/user/1002

Mount Point	Description
/boot	Operating System Kernel files

7.) Server Components



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>

Please see below for a list of installed server components and their respective installation paths. The below versions are subject to change on initial boot based on the initial_boot_update.sh script finding new versions of the software in the systems package repositories.

Component	Software Home
Nagios Core	/usr/local/nagios

8.) Scripts and Log Files

The below table provides a breakdown of any scripts & log files created to enhance the useability of the chosen offering.

Script/Log	Path	Description
Initial_boot_update.sh	/stage/scripts	Update the Operating System with the latest updates available.
Initial_boot_update.log	/stage/scripts	Provides output for initial_boot_update.sh
mysql_root_password.log	/stage/scripts	MySQL root database password file
nagios_credentials.log	/stage/scripts	Nagios Administrator Credentials

9.) Using System Components

Instructions can be found below for using each component of the server build mentioned in section 7 of this user guide document.

Nagios Core

Follow the below steps for accessing the Nagios Core Administration Console.

The Apache HTTP server has been configured to start on server boot and therefore Nagios Core will be accessible from initial launch. Navigate to the below URL exchanging the values between <> to match that of your instance.

<PUBLIC/PRIVATEIP>/nagios

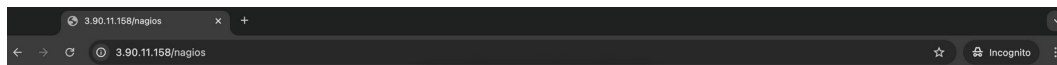
Enter the Username: nagiosadmin

Password: Please refer to the randomly generated password found in the file
/stage/scripts/nagios-credentials.log



Registered
Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>



Nagios®

General

[Home](#)
[Documentation](#)

Current Status

[Tactical Overview](#)
[Map](#)

[Hosts](#)

[Services](#)

[Host Groups](#)

[Summary](#)

[Grid](#)

[Service Groups](#)

[Summary](#)

[Grid](#)

Problems

[Services \(Unhandled\)](#)

[Hosts \(Unhandled\)](#)

[Network Outages](#)

Quick Search:

Reports

[Availability](#)

[Trends](#)

[Alerts](#)

[History](#)

[Summary](#)

[Histogram](#)

[Notifications](#)

[Event Log](#)

System

[Comments](#)

[Downtime](#)

[Process Info](#)

[Performance Info](#)

[Scheduling Queue](#)

[Configuration](#)

Nagios® Core™

✓ Daemon running with PID 60545

Nagios® Core™ Version 4.5.6

October 08, 2024

[Check for updates](#)

Get Started

- Start monitoring your infrastructure
- Change the look and feel of Nagios
- Extend Nagios with hundreds of addons
- Get support
- Get training
- Get certified

Latest News

Quick Links

- [Nagios Library](#) (tutorials and docs)
- [Nagios Labs](#) (development blog)
- [Nagios Exchange](#) (plugins and addons)
- [Nagios Support](#) (tech support)
- [Nagios.com](#) (company)
- [Nagios.org](#) (project)

Don't Miss...

Copyright © 2010-2024 Nagios Core Development Team and Community Contributors. Copyright © 1999-2009 Ethan Galstad. See the THANKS file for more information on contributors.

Nagios Core is licensed under the GNU General Public License and is provided AS IS with NO WARRANTY OF ANY KIND, INCLUDING THE WARRANTY OF DESIGN, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE. Nagios, Nagios Core and the Nagios logo are trademarks, servicemarks, registered trademarks or registered servicemarks owned by Nagios Enterprises, LLC. Use of the Nagios marks is governed by the trademark use restrictions.



SOURCEFORGE.NET

Page Tour

Nagios Core is now available for use based on your requirements.



Registered

Technology
Partner

cloudimg
(+44) 02045382725
3rd Floor 86-90 Paul Street London EC2A 4NE
support@cloudimg.co.uk
<https://cloudimg.co.uk>