

Nagios Adding Hosts

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Start Apache and test it from Master

Start httpd

```
sudo service httpd start
```

Test if Apache running

```
service httpd status
```

Check from browser

Starting the Nagios service in Master

Start Nagios

```
sudo systemctl start nagios.service
```

Check if it running

```
Service nagios status
```

Check from browser

Create AWS EC2

- Amazon Linux 2 Kernel 5.10 AMI EC2
- Provide all network group
- Create the number of slave instances as below
 - Slave1
 - Slave2
 -
 -
 - Slaven

Putty Connection

- Download Putty
 - Copy Public IP of master
 - Connect with authentication
-
- Username: ec2-user

Install Prerequisites for Slave

Update server

```
sudo yum update
```

Install httpd

```
sudo yum install httpd
```

Start httpd

```
sudo service httpd start
```

Test if Apache running

```
service httpd status
```

Check from browser

Configuration on Master

Move to objects folder

```
cd /usr/local/nagios/etc/objects
```

Check localhost.cfg

```
sudo nano localhost.cfg
```

Copy the content

Configuration on Master

Create a new file hosts.cfg

```
sudo nano hosts.cfg
```

Content of the hosts file

```
define host {  
    use                linux-server      ; Name of host template to use  
                                ; This host definition will inherit $  
                                ; in (or inherited by) the linux-ser$  
    host_name          nagios-slave1     //Give any name  
    alias               nagios-slave1    //Give any name  
    address             172.31.6.223     //Private ip of the slave  
}
```


Configuration on Master

We need to provide the path of this file to the nagios.cfg file.

```
cd ..
```

```
ls
```

```
sudo nano nagios.cfg
```

Add the line

```
cfg_file=/usr/local/nagios/etc/objects/hosts.cfg    //path of  
hosts.cfg file
```

Configuration on Master

Restart nagios to start with new configuration

```
sudo systemctl restart nagios
```

Check the hosts in the Nagios interface

- Copy ip address of Master
- Login from browser with following

<public ip of master>/nagios

- Provide username as **nagiosadmin** and password (provided earlier)
- Go to hosts and check if the new slave server is added.

Check the hosts in the Nagios interface

The image shows the Nagios web interface. On the left is a sidebar with a menu. The 'Hosts' link under the 'Current Status' section is circled in red. The main content area displays the Nagios Core 4.1.1 dashboard, which includes a status bar indicating the process is running with PID 665, the version number, the date (August 19, 2015), and a link to check for updates. Below this is a blue banner announcing a new version (4.4.2) is available. At the bottom, there are three featured products: Nagios XI, Nagios Log Server, and Nagios Network Analyzer, each with a 'Download' button. To the right of these is a 'Quick Links' section with a list of links to various resources.

Nagios®

General

- Home
- Documentation

Current Status

- Tactical Overview
- Map (Legacy)
- Hosts**
- Services
- Host Groups
 - Summary
 - Grid
- Service Groups
 - Summary
 - Grid
- Problems
 - Services (Unhandled)
 - Hosts (Unhandled)
 - Network Outages

Quick Search:

Reports

- Availability
- Trends (Legacy)
- Alerts
 - History
 - Summary
 - Histogram (Legacy)
- Notifications

Nagios® Core™

✓ Process running with PID 665

Nagios® Core™
Version 4.1.1
August 19, 2015
Check for updates

A new version of Nagios Core is available!
Visit nagios.org to download Nagios 4.4.2.

Nagios XI
Easy Configuration
Advanced Reporting
[Download](#)

Nagios Log Server
Monitor and analyze logs from anywhere
[Download](#)

Nagios Network Analyzer
Real-time netflow and bandwidth analysis
[Download](#)

Get Started

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

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)

NAGIOS CORE™
Version 4
Get started on ...
PRODUCT TOUR

Check the hosts in the Nagios interface

The screenshot displays the Nagios web interface. On the left is a sidebar with navigation links under categories: General (Home, Documentation), Current Status (Tactical Overview, Map (Legacy), Hosts, Services, Host Groups, Summary, Grid, Service Groups, Summary, Grid, Problems, Services (Unhandled), Hosts (Unhandled), Network Outages), Quick Search, Reports (Availability, Trends (Legacy), Alerts, History, Summary, Histogram (Legacy), Notifications, Event Log), and System (Comments, Downtime, Process Info).

The main content area includes:

- Current Network Status:** Last Updated: Sun Jan 27 14:33:08 UTC 2019, Updated every 90 seconds, Nagios® Core™ 4.4.3 - www.nagios.org, Logged in as nagiosadmin. Links: View Service Status Detail For All Host Groups, View Status Overview For All Host Groups, View Status Summary For All Host Groups, View Status Grid For All Host Groups.
- Host Status Totals:** Up: 2, Down: 0, Unreachable: 0, Pending: 0. All Problems: 0, All Types: 2.
- Service Status Totals:** Ok: 7, Warning: 0, Unknown: 0, Critical: 1, Pending: 0. All Problems: 1, All Types: 8.
- Host Status Details For All Host Groups:** A table with columns: Host, Status, Last Check, Duration, Status Information. The table shows two hosts: 'localhost' and 'slave1'. The 'slave1' row is circled in red. Below the table, it says 'Results 1 - 2 of 2 Matching Hosts'.

Host	Status	Last Check	Duration	Status Information
localhost	UP	01-27-2019 14:33:05	0d 0h 53m 55s	PING OK - Packet loss = 0%, RTA = 0.04 ms
slave1	UP	01-27-2019 14:31:17	0d 2h 6m 49s	PING OK - Packet loss = 0%, RTA = 0.64 ms

Thank you