

01/23/2013 07:51 AM - Daniel Curtis

<b>Status:</b>	Closed	<b>Start date:</b>	01/23/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Daniel Curtis	<b>% Done:</b>	100%
<b>Category:</b>	Logging Server	<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>		<b>Spent time:</b>	3.50 hours

#### Description

By default, Ubuntu will not configure Nagios upon installation. This guide will show how to install Nagios on an Ubuntu system running a common LAMP setup with ISPConfig 3

## Install Nagios 3, Plugins, MySQL Support

```
sudo apt-get install nagios3 nagios-plugins nagios-nrpe-plugin ndoutils-nagios3-mysql
```

- Set password for nagiosadmin user
- Confirm password
- Enter MySQL root password
- Create Nagios database password

## Setup host in ISPConfig

- Navigate to the [\[Site\]](#) tab

### Create a new site

[Domain]

- Domain: **monitor.example.com**
- [Disable](#): **CGI**
- [Disable](#): **SuExec**
- [Enable](#): **SSL**

[Options]

- Append to the following to the PHP basedir:

```
:/usr/lib/cgi-bin/nagios3:/usr/share/nagios3/htdocs:/etc/nagios3/stylesheets
```

- Add the following Apache directive (Taken from the /etc/nagios3/apache2.conf):

```
# apache configuration for nagios 3.x
```

```
ScriptAlias /cgi-bin/nagios3 /usr/lib/cgi-bin/nagios3
```

```
# Where the stylesheets (config files) reside  
Alias /stylesheets /etc/nagios3/stylesheets
```

```
# Where the HTML pages live
```

```
# Changed "Alias" directive to "DocumentRoot" as Nagios 3 is installed via apt and is located  
outside the default web directory.
```

```
DocumentRoot /usr/share/nagios3/htdocs
```

```
<DirectoryMatch (/usr/share/nagios3/htdocs|usr/lib/cgi-bin/nagios3|etc/nagios3/stylesheets)>  
Options FollowSymLinks
```

```
DirectoryIndex index.php index.html

AllowOverride AuthConfig
Order Allow,Deny
Allow From All

AuthName "Nagios Access"
AuthType Basic
AuthUserFile /etc/nagios3/htpasswd.users
require valid-user
</DirectoryMatch>

<Directory /usr/share/nagios3/htdocs>
Options +ExecCGI
</Directory>
```

At this point Nagios should work by going to [monitor.example.com/](http://monitor.example.com/).

## History

### #1 - 02/20/2013 02:13 PM - Daniel Curtis

There was an issue where I was getting a 403 Forbidden error. The solution was simple, just reset the permissions of the web folder:

```
sudo chmod 755 /path/to/web
```

### #2 - 02/20/2013 02:23 PM - Daniel Curtis

I am getting an error stating:

```
DISK CRITICAL - /home/user/.gvfs is not accessible: Permission denied
```

This is an issue caused by the Gnome window manager, it is documented at [Launchpad](#)

The workaround to this is by adding `-A -i '.gvfs'` to the ends of the `check_disk` and `check_all_disks` commands in `/etc/nagios-plugins/config/disk.cfg`:

```
# 'check_disk' command definition
define command{
    command_name    check_disk
    command_line    /usr/lib/nagios/plugins/check_disk -w '$ARG1$' -c '$ARG2$' -e -p '$ARG3$' -A -i '.gvfs'
}

# 'check_all_disks' command definition
define command{
    command_name    check_all_disks
    command_line    /usr/lib/nagios/plugins/check_disk -w '$ARG1$' -c '$ARG2$' -e -A -i '.gvfs'
}
```

### #3 - 02/23/2013 06:06 PM - Daniel Curtis

- *Tracker changed from Bug to Feature*

### #4 - 03/02/2013 09:20 PM - Daniel Curtis

- *Description updated*

### #5 - 03/02/2013 10:12 PM - Daniel Curtis

- *Description updated*

- *Estimated time changed from 5.00 h to 1.00 h*

- *Subject changed from Installing Nagios 3 on Ubuntu as ISPConfig 3 Host to Installing Nagios 3 on Ubuntu as ISPConfig 3 Virtual Host*

### #6 - 03/02/2013 11:36 PM - Daniel Curtis

- *Private changed from Yes to No*

### #7 - 08/20/2013 04:43 PM - Daniel Curtis

- Project changed from GNet Solutions to 21

- Subject changed from Installing Nagios 3 on Ubuntu as ISPCConfig 3 Virtual Host to Installing Nagios 3 on Debian/Ubuntu as ISPCConfig3 Virtual Host

**#8 - 12/20/2013 10:40 PM - Daniel Curtis**

- Project changed from 21 to 57

**#9 - 02/16/2015 02:20 PM - Daniel Curtis**

- Project changed from 57 to GNU/Linux Administration

- Category set to Logging Server