



Purpose

This document describes how to configure an FTP server running on your Nagios XI installation.

Target Audience

This document is intended for use by Nagios XI Administrators who wish to implement FTP on Nagios XI. If you are using Nagios to monitor a windows environment, you can use FTP as a component to deploying NSClient++.

Sections In This Document

The steps provided in this documentation are as follows:

- [Install FTP Server](#)
- [Create Firewall Rules](#)
- [Verify Installation](#)
- [Grant Write Access](#)
- [Test](#)

Install FTP server - VSFTP

VSFTP is the FTP server available in RHEL/CentOS. Please follow these steps to install it and configure it.

Establish a terminal session to your Nagios XI server as root and execute the following command to install VSFTP:

```
yum -y install vsftpd
```

Enable VSFTP to start when the system boots:

RHEL/CentOS 6.x

```
chkconfig vsftpd on
```

RHEL/CentOS 7.x

```
systemctl enable vsftpd
```

Start the FTP service:

```
service vsftpd start
```

Create Firewall Rules

Execute the following commands to create the firewall rules:

RHEL/CentOS 6.x

Edit the file `iptables-config` using the following command:

```
vi /etc/sysconfig/iptables-config
```

When using the vi editor, to make changes press `i` on the keyboard first to enter insert mode. Press `Esc` to exit insert mode.

Update the `IPTABLES_MODULES=""` line so it includes the `ip_conntrack_ftp` module:

```
IPTABLES_MODULES="ip_conntrack_ftp"
```

When you have finished, save the changes in vi by typing:

```
:wq
```

and press Enter.

Execute the following commands:

```
iptables -I INPUT -p tcp --destination-port 20 -j ACCEPT
iptables -I INPUT -p tcp --destination-port 21 -j ACCEPT
service iptables save
service iptables restart
```

To verify firewall rules:

```
service iptables status
```

RHEL/CentOS 7.x

```
firewall-cmd --zone=public --add-service=ftp
firewall-cmd --zone=public --add-service=ftp --permanent
```

To verify firewall rules:

```
firewall-cmd --list-all
```

Verify FTP Configuration

To verify `vsftpd` is running execute the following command:

```
service vsftpd status
```

Grant Nagios XI Write Access

Nagios may need to place files in /var/ftp. Grant write access to the Nagios user by executing the following commands:

```
chgrp nagios /var/ftp
chmod g+w /var/ftp
```

Test

In your web browser, in the address bar type the following:

```
ftp://xxxxxxxx
```

Where `xxxxxxxx` is the IP address or DNS record of your Nagios XI server. You should be shown a basic index page which will prove that FTP is now available from your Nagios XI server.

Finishing Up

This completes the documentation on how to enabled FTP on your Nagios XI server.

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>