

NethServer 6 - Feature #1762

FTP server

03/21/2013 09:45 AM - Giacomo Sanchietti

Status:	CLOSED	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	nethserver-vsftpd	NEEDINFO:	No
Target version:	v6.5		
Resolution:			
Description			
Add a simple FTP server.			
FTP access should be allowed on configured ibays.			

Associated revisions

Revision bc9512a7 - 10/23/2013 03:15 PM - Giacomo Sanchietti

First import. Refs #1762

Revision 491bb405 - 11/08/2013 11:27 AM - Giacomo Sanchietti

Move pam.d to right directory. Refs #1762

Revision 12f9f35d - 05/29/2014 10:58 AM - Giacomo Sanchietti

Web UI: update translation. Refs #1762

Revision 456cf1ff - 06/09/2014 09:42 AM - Giacomo Sanchietti

createlinks: remove old unused action. Refs #1762

Revision a8e5a732 - 06/09/2014 09:42 AM - Giacomo Sanchietti

vsftpd.conf: enable logging. Refs #1762

Revision 64e15155 - 07/03/2014 01:10 PM - Giacomo Sanchietti

Help: add inline manual. Refs #1762

Revision 4035d739 - 07/07/2014 03:34 AM - Giacomo Sanchietti

Web UI: use tab controller. Refs #1762

Revision 80ab371a - 07/07/2014 03:38 AM - Giacomo Sanchietti

Add FTP server group. Refs #1762

Revision 74736a69 - 07/07/2014 03:56 AM - Giacomo Sanchietti

Web UI: use tab controller. Refs #1762

History

#1 - 04/05/2013 03:52 PM - Giacomo Sanchietti

See <https://security.appspot.com/vsftpd.html>

#2 - 10/23/2013 03:35 PM - Giacomo Sanchietti

- Status changed from *NEW* to *TRIAGED*
- % Done changed from 0 to 20

A simple ftp server will be implemented using vsftpd.

Since ftp is insecure, all users are virtual users with no i-bay access and chroot enabled by default.

#3 - 10/23/2013 03:35 PM - Giacomo Sanchietti

- Status changed from *TRIAGED* to *MODIFIED*
- % Done changed from 20 to 60

See [[nethserver-vsftpd]].

#4 - 05/15/2014 09:59 AM - Giacomo Sanchietti

- Target version changed from *~FUTURE* to *v6.5*

Main implemented features:

- virtual users
- chroot user inside a custom directory
- system users (not configurable from web interface)

#5 - 05/15/2014 10:13 AM - Giacomo Sanchietti

- Status changed from *MODIFIED* to *ON_QA*
- % Done changed from 60 to 70

Package in nethserver-testing:

- nethserver-vsftpd-0.0.1-6.0git12f9f35d.ns6.noarch.rpm

Test case 1: virtual user

- Create a new virtual user with status enabled and chroot disabled
- Login with the user and check:
 - the user can write and read in his own directory

- the user can list files inside the entire system

Test case 2: virtual user

- Disable the previously created user
- Check the user can't access the system

Test case 3: home chroot

- Create a new virtual user with status enabled and chroot enabled
- Login with the user and check:
 - the user can write and read in his own directory
 - the user can't list files inside the entire system

Test case 4: ibay chroot

- Create a new ibay called test
- Create a new virtual user with status enabled and custom chroot set to /var/lib/nethserver/ibay/test
- Login with the user and check:
 - the user can write and read inside the ibay
 - the user can't list files inside the entire system

Test 5: system users

- Create a system user goofy from the web interface
- Switch to the console and enable FTP access for the new user:

```
config setprop vsftpd UserType system
db accounts setprop goofy FTPAccess enabled
signal-event nethserver-vsftpd-save
```

- Check the user can login and is chrooted inside his own home directory

#6 - 06/04/2014 06:34 PM - Massimo Palazzetti

- Assignee set to Massimo Palazzetti

#7 - 06/04/2014 06:36 PM - Massimo Palazzetti

- Status changed from ON_QA to TRIAGED
- Assignee deleted (Massimo Palazzetti)
- % Done changed from 70 to 20

| Test case 1: virtual user

Permission denied trying to login into the server

| Test case 2: virtual user

Unable to test

| Test case 3: home chroot

Permission denied trying to login into the server

| Test case 4: ibay chroot

Permission denied trying to login into the server

| *Test 5: system users*

Permission denied trying to login into the server

No log founded in /var/log/messages or other ftp log.
The service was enabled from the "configure" menu.

#8 - 06/09/2014 09:48 AM - Giacomo Sanchiotti

- Status changed from TRIAGED to ON_DEV
- Assignee set to Giacomo Sanchiotti
- % Done changed from 20 to 30

#9 - 06/09/2014 09:50 AM - Giacomo Sanchiotti

- Status changed from ON_DEV to MODIFIED
- % Done changed from 30 to 60

Modifications:

- logging enabled to /var/log/vsftpd.log file
- fixed user db creation

#10 - 06/09/2014 09:51 AM - Giacomo Sanchiotti

- Status changed from MODIFIED to ON_QA
- Assignee deleted (Giacomo Sanchiotti)
- % Done changed from 60 to 70

Packages in nethserver-testing:

- nethserver-vsftpd-0.0.1-9.0git5795f30d.ns6.noarch.rpm

Repeat previous test cases.

Use /var/log/vsftpd.log for trouble shooting.

#11 - 07/01/2014 06:20 AM - Massimo Palazzetti

- Assignee set to Massimo Palazzetti

#12 - 07/01/2014 06:48 AM - Massimo Palazzetti

- Status changed from ON_QA to TRIAGED
- Assignee deleted (Massimo Palazzetti)
- % Done changed from 70 to 20

| *Test case 1: virtual user*

OK

| *Test case 2: virtual user*

OK

| *Test case 3: home chroot*

OK

| *Test case 4: ibay chroot*

Not working even if an ibay path is specified the user is forced on his home directory

| *Test 5: system users*

According to vsftpd log after create a system user (and a related password) i'm unable to login on the ftp server:

Tue Jul 1 12:45:33 2014 [pid 6946] [user] FAIL LOGIN: Client "192.168.5.30"

Tue Jul 1 12:45:34 2014 [pid 6947] [user] FTP response: Client "192.168.5.30", "530 Login incorrect.

#13 - 07/01/2014 08:29 AM - Giacomo Sanchietti

- Status changed from TRIAGED to ON_DEV

- Assignee set to Giacomo Sanchietti

- % Done changed from 20 to 30

#14 - 07/01/2014 08:46 AM - Giacomo Sanchietti

| *Test case 4: ibay chroot*

| *Not working even if an ibay path is specified the user is forced on his home directory*

The ChrootDir property is not correctly saved from web interface.

You can check the problem with:

db accounts show user

| *Test 5: system users*

| *According to vsftpd log after create a system user (and a related password) i'm unable to login on the ftp server:*

| *Tue Jul 1 12:45:33 2014 [pid 6946] [user] FAIL LOGIN: Client "192.168.5.30"*

| *Tue Jul 1 12:45:34 2014 [pid 6947] [user] FTP response: Client "192.168.5.30", "530 Login incorrect.*

The system user should also have the shell access, enabled from the web interface or with following commands:

db accounts setprop myuser Shell /bin/bash

signal-event user-modify myuser

#15 - 07/01/2014 09:28 AM - Giacomo Sanchietti

- Status changed from ON_DEV to MODIFIED

- % Done changed from 30 to 60

#16 - 07/01/2014 09:30 AM - Giacomo Sanchiotti

- Status changed from *MODIFIED* to *ON_QA*

- Assignee deleted (*Giacomo Sanchiotti*)

- % Done changed from 60 to 70

New package in nethserver-testing:

- nethserver-vsftpd-0.0.1-10.0git99dfa7e8.ns6.noarch.rpm

Please, re-test test cases 4 and 5.

#17 - 07/01/2014 09:46 AM - Massimo Palazzetti

- Assignee set to *Massimo Palazzetti*

#18 - 07/01/2014 09:56 AM - Massimo Palazzetti

- Status changed from *ON_QA* to *VERIFIED*

- Assignee deleted (*Massimo Palazzetti*)

- % Done changed from 70 to 90

Verified

#19 - 07/07/2014 04:39 AM - Giacomo Sanchiotti

- Status changed from *VERIFIED* to *CLOSED*

- % Done changed from 90 to 100

Package in nethserver-updates:

- nethserver-vsftpd-1.0.0-1.ns6.noarch.rpm

Also released:

- inline help
- Developer manual: <http://docs.nethserver.org/projects/nethserver-devel/en/latest/ftp.html>
- Administrator manual: <http://docs.nethserver.org/en/latest/ftp.html>

Yum group file has also been updated.