HOME   FREE LINUX EBOOKS   ABOUT   REQUEST A TUTORIAL   DISCLAIMER   CONTACT

How to Backup Files to a Remote FTP Server With Bash Script

Written by H.Haider

 Shell Scripts | bash script ftp upload | 1 Comment

How to Backup Files to a Remote FTP Server With Bash Script

After reading our old article titled *"How to Backup Files and Directories in Linux Using Tar & Cron Jobs"*, many readers were asking **How to Backup Files to a Remote FTP Server with bash script,** so i am writing this quick guide in response to our readers queries.

Some Queries from Readers:

1: If i want to transfer my Linux system backups to an external server, how i can do it?

2: sir please write a command to transfer file from one system to another.

Solution

Alright..! Definitely its sounds interesting, when a simple bash script and cronjob will do all FTP login process, and safely upload local files to an external ftp server automatically while you are away from your desk. Right ?.. So here is a quick guide on transferring Linux Backup to an external ftp server using bash script and cronjob.

FTP Transfer Bash Script:

Issue vi /script-ftp.sh command to create script file and paste below contents.

```
vi /script-ftp.sh
```

```
#!/bin/bash # 1
HOST=172.20.10.8 # 2
USER=broexperts # 3
PASSWORD=redhat # 4
ftp -inv $HOST <<EOF # 5
user $USER $PASSWORD # 6
lcd /mybackupfolder # 7
mput *.tar.gz # 8
bye # 9
EOF
```

Script Explanation line by line.

1- Specifying bash as our shell.
2- Assigning FTP Server IP/Hostname to HOST variable.
3- Assigning valid User on FTP Server to USER variable.
4- Assigning Password to PASSWORD Variable.
5- Connecting with FTP Server by issuing FTP command.
6- Providing credentials to FTP connection.
7- Navigating to our source directory containing backup Files.
8- Upload all files having extension .tar.gz to broexperts's user home directory.
9- Ending the FTP session.

Now save this file and set appropriate permission on script file by issuing below command.

```
chmod 700 /script-ftp.sh
```

This script will first navigate to our mentioned backup folder *(/mybackupfolder)* and copy all files with .tar.gz extension to the mentioned ftp server, all files will be saved in broexperts user home directory */home/broexperts*. To automate this process we need to add this script in cronjob

Open cronab editor utility:

```
crontab -e
```

Suppose i want to run this backup process on every Mon and Sat at 12:pm. In this condition my crontab file will be like this:

```
# M H DOM M DOW CMND
01 12 * * 1,6 /bin/bash /script-ftp.sh
```

Redhat tutorials
9,645 likes

Liked   Shop Now

You like this

SEARCH TECH GUIDES
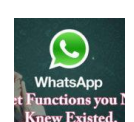
Search
Google Custom Search

CATEGORIES

- Android (15)
- CentOS/RHEL (116)
- cPanel (1)
- Email Marketing (1)
- Game Errors (4)
- Linux Basics (18)
- Proxy (8)
- Security (3)
- Shell Scripts (5)
- Tech News (3)
- Ubuntu (2)
- Windows (26)
- Wordpress (3)
- WordPress Basics (1)

RANDOM POSTS

How to Block Websites in Squid Proxy
 August 19, 2014

How to Install VNC Server on CentOs 6.3
 February 15, 2013

WhatsApp Secret Functions You Never Knew Existed
 April 23, 2016

That's All…
This Script will run at *12:01:00* at every *Monday* and *Saturday*.
leave comments if you need any help or contact me directly on ***admin@broexperts.com***.

You might be interested in other articles on **Linux Backup**

- Incremental Backup in Linux Using tar utility
- Guide to Setup Crontab with Example
- Email Notification Upon Success or Failure of Backup Script
- Delete Files Older than X Number of Days in Linux

77
Shares

76

1

⟵ **PREVIOUS ARTICLE**

Configure Reverse Proxy Apache On (RHEL7/CentOS7)

NEXT ARTICLE ⟶

How to View Saved WiFi Password on Windows 10

1 COMMENT

NURUL
March 20, 2017 at 6:04 am
can i know what is the bash script for sftp. ?

↩ **REPLY TO NURUL**

LEAVE A REPLY

COMMENTS *

NAME *

EMAIL *

WEBSITE

SUBMIT

READ MOST LIKED TOPICS

- Abhay Zambare on How to Make Hirens Boot CD/USB
- madhi sudhan thapa on How to Make Hirens Boot CD/USB
- H.Haider on How to Configure Squid 3.x as Transparent Proxy on CentOS 7 / RHEL 7

How to fix Microsoft Office Configuration Progress Every time When it starts
🕑 June 9, 2015

RECENT COMMENTS

- Abhay Zambare on How to Make Hirens Boot CD/USB
- madhi sudhan thapa on How to Make Hirens Boot CD/USB
- H.Haider on How to Configure Squid 3.x as Transparent Proxy on CentOS 7 / RHEL 7
- Todd Hawkins on How to Configure Squid 3.x as Transparent Proxy on CentOS 7 / RHEL 7
- Anonymous on [Solved] Operation Could Not be Completed Error 0×00000709 Printer Issue

NEW TO LINUX?
▶ Start here.

Request A Tutorial | Free Linux eBook | About Us