

Author – A.Kishore/Sachin
<http://appsdba.info>

Upload a local file to a Unix/Linux Server

This document describes how to upload a local file to a Unix/Linux Server. In this demonstration we use the following scenario.

Unix /Linux Server:

Server host name : sachin.oracle.com

User : root

Destination directory ,where we will upload the file : /scripts

The destination file which will be uploaded : /scripts/ora_apps_script.sh

Local Machine :

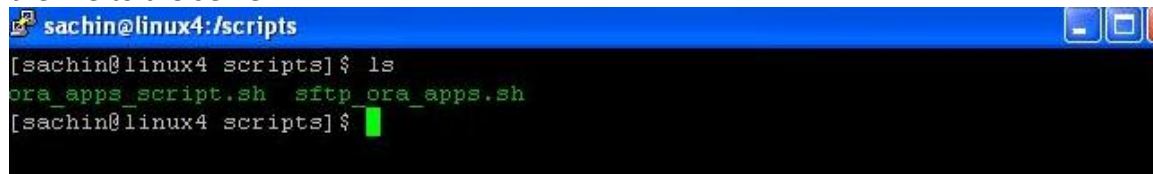
Machine host name : linux4.com

User : sachin

Source directory ,from where we will upload the file : /scripts

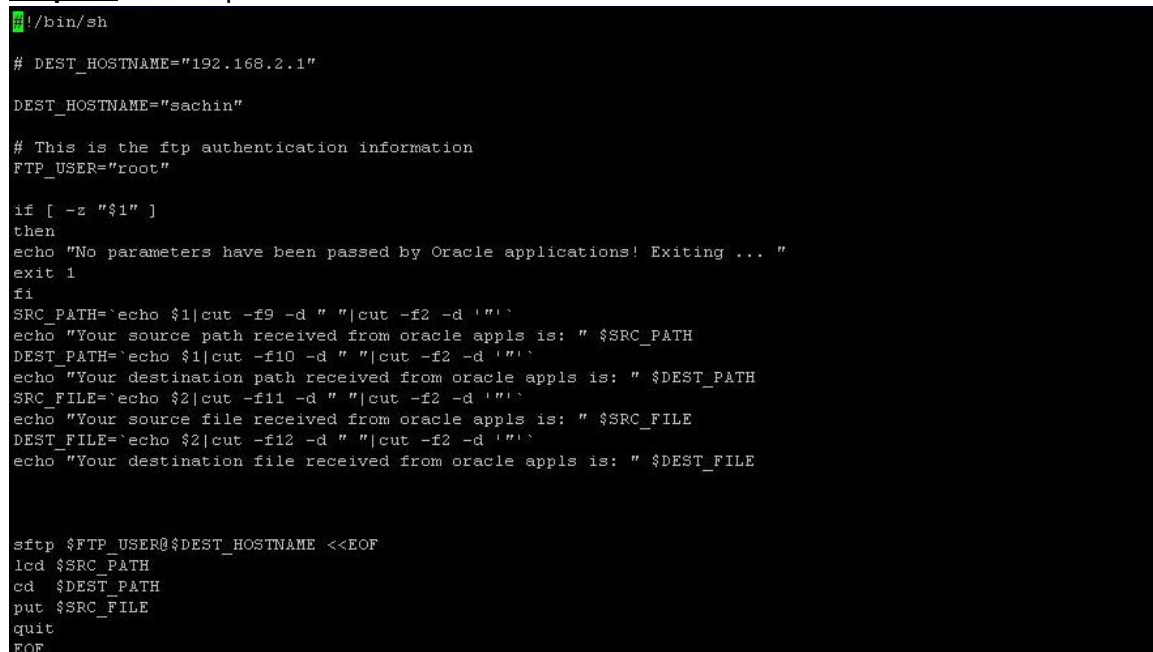
The source file need to be uploaded : /scripts/ora_apps_script.sh

Step 1: We need to go to the location, where we have placed the customized script to upload the file to the server.



```
sachin@linux4:/scripts
[sachin@linux4 scripts]$ ls
ora_apps_script.sh  sftp_ora_apps.sh
[sachin@linux4 scripts]$
```

Step 2 : The script looks like as below.



```
#!/bin/sh

# DEST_HOSTNAME="192.168.2.1"

DEST_HOSTNAME="sachin"

# This is the ftp authentication information
FTP_USER="root"

if [ -z "$1" ]
then
echo "No parameters have been passed by Oracle applications! Exiting ..."
exit 1
fi
SRC_PATH=`echo $1|cut -f9 -d " "|cut -f2 -d '`
echo "Your source path received from oracle apps is: " $SRC_PATH
DEST_PATH=`echo $1|cut -f10 -d " "|cut -f2 -d '`
echo "Your destination path received from oracle apps is: " $DEST_PATH
SRC_FILE=`echo $2|cut -f11 -d " "|cut -f2 -d '`
echo "Your source file received from oracle apps is: " $SRC_FILE
DEST_FILE=`echo $2|cut -f12 -d " "|cut -f2 -d '`
echo "Your destination file received from oracle apps is: " $DEST_FILE

sftp $FTP_USER@$DEST_HOSTNAME <<EOF
lcd $SRC_PATH
cd $DEST_PATH
put $SRC_FILE
quit
EOF
```

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This script will take two parameters and it will create the required job for us. We can change the script to work with four parameters for SRC_PATH, DEST_PATH, SRC_FILE, DEST_FILE.

Step3: Check the directory in Server ,where we are going to upload the file.

```
root@sachin:/scripts
[root@sachin scripts]# ls
[root@sachin scripts]#
```

Step 4 : Run the script with two parameters one for the directory and one for the file that we need to upload to Server.

```
sachin@linux4:/scripts
[sachin@linux4 scripts]$ sh sftp_ora_apps.sh /scripts/ora_apps_script.sh
Your source path received from oracle apps is: /scripts/ora_apps_script.sh
Your destination path received from oracle apps is: /scripts/ora_apps_script.s
h
Your source file received from oracle apps is: /scripts/ora_apps_script.sh
Your destination file received from oracle apps is: /scripts/ora_apps_script.s
h
Connecting to sachin...
sftp> Uploading /scripts/ora_apps_script.sh to /scripts ora_apps_script.sh
/scripts/ora_apps_script.sh      100% 870    0.9KB/s  00:00
sftp> [sachin@linux4 scripts]$
```

Please Note : We have used SSH passwordless authentication connection, that's why SFTP is not asking the password. If we do not pass the parameters,then below message will appear:

```
[sachin@linux4 ora_test]$ sh sftp_ora_apps.sh
No parameters have been passed by Oracle applications! Exiting ...
[sachin@linux4 ora_test]$
```

Step 5 : Check the remote server ,whether the file is uploaded or not .

```
root@sachin:/scripts
[root@sachin scripts]# ls
[root@sachin scripts]# ls
ora_apps_script.sh
[root@sachin scripts]#
```

