

SSH2Easy Plugin

- Quick Introduce
- 1. SSH2 accounts group management
- 2. SSH2 remote shell and command
- 3. SFTP remote upload and download
- 4. Project and View pattern based ACL strategy

Plugin Information

View SSH2 Easy [on the plugin site](#) for more information.

This plugin allows you to ssh2 remote server to execute linux commands , shell , sftp upload, downlaod etc

Quick Introduce

I ever worked at cloud system CI related tasks , Till now , There are several SSH and ACL plugins , But they didn't fulfill our team's requirements towards its management design and function , Base on that , I redesign and rebuild this new plugin during my daily work , As time went by , This plugin always provide good solution and resolve SSH and ACL requirements almost compared with others , Its main advantages includes :

- 1, In a cloud based large scale company , Its development environment and testing environment is so complicated , its application deploy mode is multi-styles base on different product , Some of others SSH plugin can't work on such as Nohup start related features , when its SSH2 input stream and output stream is keep alive , their build process will hung on etc , This Plugin - SSH2Easy can resolve this problem .
- 2, When there are so many servers need to management by Jenkins , We will need to input so many redundancy SSH info , such as SSH port , SSH username , password with the other SSH plugins , Actually , the most of VM and Servers have the same information for these items , Just only its host IP is different , So If you use this plugin - SSH2Easy , it is more convenient to manage them by SeverGroup mode .
- 3, This plugin also provide "Disable" feature for its build steps , During daily work , this feature is also very convenient .
4. This plugin also provide to support Multi-Projects and Multi-Teams share the same Jenkins System but with JobName level and ViewTab level ACL strategy

Overall , This plugin want to provide very simple and easy ways for its useful features of SSH2 and ACL related features , So I want to share it on public Jenkins Plugin Center here , Hope helpful to some of us towards on SSH2 and ACL related requirements .

1. SSH2 accounts group management

Server Groups Center

Server Group List :

Group Name ?

a string name for it without contains "~" , you'd better not to set the duplicated name for each

SSH Port ?

input the server 's ssh port , 22 as default

User Name ?

input the server's ssh login user name , root as default

Password ?

The server ssh login password

Delete

Group Name ?

SSH Port ?

User Name ?

Password ?

Delete

Add

Create the server groups for your projects

2. SSH2 remote shell and command

Remote Command
 Disable

Target Server

commands

```
sudo su -
cd /usr/local/apache-tomcat/logs
ls -lart
echo "SSH2Easy Demo is Done !"
exit 0
```

[Delete](#)

Add build step

- Invoke Ant
- Invoke top-level Maven targets
- Remote Command**
- Remote SFTP Download
- Remote SFTP Upload
- Remote Shell
- Run JMeter scripts with cloud

Page generated: May 8, 2015 7:20:01 AM [REST API](#) Jenkins ver. 1.598

3. SFTP remote upload and download

Remote Shell
 Disable

Target Server

shell

[Delete](#)

Remote SFTP Download
 Disable

Target Server

remoteFile

localFolder

fileName

[Delete](#)

Remote SFTP Upload
 Disable

Target Server

localFilePath

remoteLocation

fileName

[Delete](#)

Add build step

4. Project and View pattern based ACL strategy