

SSH2Easy Plugin

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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

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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