

User Manual Niagara SFTP Client & Niagara SSH Client

Niagara SFTP Client

The Niagara SFTP client can invoke a remote server via password authentication to download files from the remote server to the local Niagara station, or upload files from the Niagara station to the remote server. This enables convenient file transfer between systems.

Property Sheet

daily_Gline_PM_data_downloader1 (Sftp Client)

Sftp Server

192.168.2.1

Port

22

[0 - 65535]

Server Credentials

Username

root

Password

Debug

SFTP Session connected to 192.168.2.1:22
任务开始 [yed.csv], 总大小: 46344 bytes
进度 [yed.csv]: 已传输 46344/46344 bytes (100.00%)
任务结束 [yed.csv], 最终传输确认完成。
Download completed.
SFTP connection closed.

Remote File

/mnt/sda5/docker/overlay2/010613badf5da180482b04572f144a6c8ff6d161f467f36c7e23f7e85e31eab7/merged/root/demo/saves01/yed02.csv

Local File

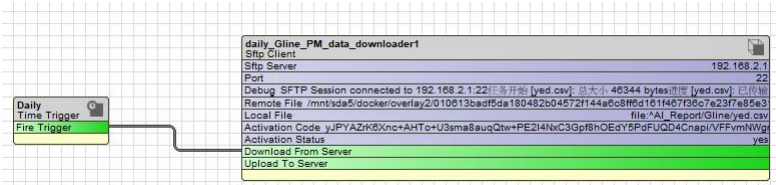
file:"AI_Report/Gline/yed.csv"

Activation Code

yJPyAZK6Xnc+AHTo+U3sma8auQtw+PE214HkC3l

Activation Status

yes



Niagara SSH Client

The Niagara SSH client allows for convenient password-authenticated SSH logins to third-party servers, enabling the execution of SSH commands on those servers. For example, in the event of a power failure alarm, it can trigger data preservation on the third-party server or activate audio playback. This functionality is limited to initiating commands on the external server; due to Niagara’s security configuration, it does not permit reverse operations on the Niagara station.

Property Sheet

SshClient (Ssh Client)

Ssh Server

192.168.2.1

Port

22

[0 - 65535]

Server Credentials

Username

root

Password

Command

uptime

Debug

准备执行 SSH 命令
root@192.168.2.1:22 cmd:uptime
命令执行结束

Exec Response

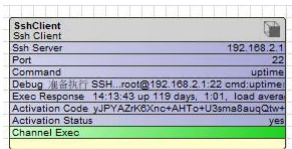
14:13:43 up 119 days, 1:01, load average: 0.33, 0.28, 0.29

Activation Code

3L8ninC05e4G4yInfuiBIPAM1RVHq0d0B3Sml0Q==

Activation Status

yes



The above two modules require the import of the gline.pem certificate in both Workbench and the Niagara Station. After restarting the station, they can be used. They have been successfully tested in Niagara 4.14. If you are interested, please contact jason.zhang@gline-net.com to request a trial license. Version: 2026.1.0 Copyright © Shanghai Gline Net Co., Ltd.