

# SSH Gateway Connection

## Introduction

We can establish a connection to the target system using the SSH remote access protocol.

## How to connect 1

You can establish the connection with the ssh gateway and then Soffid will ask your password and the target system parameters to connect:

- **Password:** password of your account to connect to Soffid.
- **Target server:** system to which you want to connect.
- **Account to use:** account to use to connect to the target system.
- **Account source system**

```
root@soffid:~# ssh -p 2222 dilbert@ssh-gateway
Password:
Target server: 10.129.120.5
Account to use: patricia
Account source system [leave blank to use a target system local account]:

|      _      |
|     _/     |
|  _ _ /_/_° _|      |
| |_ / \ | | / |      |
| _|\_/ | | |\_/ SSH GATEWAY |
|     _/      |
|              |
| Hello dilbert      |
| NOTICE: This session is being recorded |
|_____|

Connecting to 10.129.120.5 as patricia
```

Last login: Fri Apr 8 08:39:23 2022 from 10.129.120.6

[patricia@forgecentos ~]\$

## How to connect 2

You can establish the connection with the target system typing all the parameters to connect in one line AccountName\_\_HostName\_\_TargetAccount. At the end, Soffid will ask the password of your account to connect.

- **Account name:** account to connect to Soffid.
- **Host name:** target system to which you want to connect.
- **Target account:** account to connect to the target system.
- **Password:** password of your account to connect to Soffid.

```
root@soffid:~# ssh -p 2222 dilbert_10.129.120.5__patricia@ssh-gateway
```

Password:

```
|      _      |
|      _/    |      |
| _ _ _/_/_o _|      |
| |_ / \ | | / |      |
| _|\_ / | | |\_ / SSH GATEWAY |
|      _/      |
|              |
| Hello dilbert      |
| NOTICE: This session is being recorded |
|_____|
```

Connecting to 10.129.120.5 as patricia

Last login: Fri Apr 8 09:57:22 2022 from 10.129.120.6

[patricia@forgecentos ~]\$

## How to connect 3

You can establish the connection with the target system typing all the parameters to connect in one line AccountName\_\_HostName\_\_TargetAccount and using a ssh key.

- **Account name:** account to connect to Soffid.
- **Host name:** target system to which you want to connect.
- **Target account:** account to connect to the target system.

You can generate an ssh key to connect or use your existing ssh key.

- Generate a new ssh key: `ssh-keygen -t rsa`
- Read an existing ssh key: `cat .ssh/id_rsa.pub`

Then you need to include it in Soffid Console in your user data.

Finally you can establish the connection.

```
pgarcia@soffid:~$ ssh -p 2222 pgarcia_10.129.120.5_patricia@ssh-gateway
```

```

|      _      |
|      _/    |      |
| _ _ _/_|_° _|      |
| |_ / \ | | / |      |
| _|\_/ | | |\_/ SSH GATEWAY |
|      _/      |
|              |
| Hello pgarcia      |
| NOTICE: This session is being recorded |
|_____|
```

Connecting to 10.129.120.5 as patricia

Last login: Fri Apr 8 11:57:19 2022 from 10.129.120.6

[patricia@forgecentos ~]\$

Soffid needs the **ssh\_key** attribute in the user object metadata, please check the attribute is created properly, and the fill in with your public key.

Object type : com.soffid.iam.api.User

Description : Built-in user object

| ▼ Order | Code                    |
|---------|-------------------------|
| Filter  | Filter                  |
| 28      | __AUDIT__               |
| 29      | createdByUser           |
| 30      | createdDate             |
| 31      | modifiedByUser          |
| 32      | modifiedDate            |
| 33      | RegisterServiceProvider |
| 34      | ActivationKey           |
| 35      | __OTHER DATA__          |
| 36      | language                |
| 37      | country                 |
| 38      | Color                   |
| 104     | office                  |
| 104     | company                 |
| 105     | IAMIndicator            |
| 9999    | ssh_key                 |

## Attribute metadata

Attribute metadata ◀ 42 / 42

Code : ssh\_key

Label : SSH Public key

Data type: String ▼

User hint : User hint

Description : Description

Required : ☒ NoInclude in quick search : ☒ NoPrevent duplicated values : ☒ NoMultiple values : ☒ Yes ☒ No

Maximum number of rows to display :

Maximum number of rows to display

Size :

Size

Values :

Values

Administrator visibility : Read only ▼

Operator visibility : Read only ▼

User visibility : Read/write ▼

Visibility expression : Visibility expression

## Common attributes

User name : pgarcia

First name : patricia

Last Name : garcia

Middle name : Middle name

Full name : patricia garcia

Birth date : 5/3/80

## Organization

Type : Internal user

Primary group : admingroup OU=admingroup,DC=testora,DC=lab

Home server : Home server

Profile server : Profile server

Manager : Manager

Contract type :

Fotografia :

## Mail service

Internal eMail : Internal eMail

Mail alias : Mail alias

External email : External email

Mail server : Mail server

## Other

NIF : NIF

PHONE :

## User status

Enabled : ☒ No ☒ Yes

Multi session : ☒ No ☒ Yes

Comments :

## Audit information

Created by : admin Soffid Administrator

Created on : 5/31/21 14:16

Modified by : admin Soffid Administrator

Modified last on : 4/8/22 10:13

RegisterServiceProvider : RegisterServiceProvider

ActivationKey : ActivationKey

## OTHER DATA

SSH Public key : ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGCfUHHJovqlwybPULgkxhK8fR3U0Ymetok980k3lnJNCI

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[https://es.wikipedia.org/wiki/Secure\\_Shell](https://es.wikipedia.org/wiki/Secure_Shell)

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