

# 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:

```
_____
|      _      |
|     _/     |
|  _ _ /_ | ° _| | | |
| | _ / \ | | / |
| _ | \ / | | | \ / 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 : Builtin 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 :	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Include in quick search :	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Prevent duplicated values :	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Multiple values :	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

## Mail service

Internal eMail :	Internal eMail
Mail alias :	Mail alias
External email :	External email
Mail server :	Mail server

## User status

Enabled :	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Multi session :	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Comments :	Comments

## OTHER DATA

SSH Public key : ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGCfuHHJovqlwybPULgkxhK8fR3U0Ymetok980k3lnJNCI

## 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 :	

## Other

NIF :	NIF
PHONE :	▼

## 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	

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

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