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]:
 ____________________________________
|            __                |
|          __/     |           |
|  __   __  _/__|__o  __|          |
| |__  /  \  |  |  | /  |          |
|  __| \__/  |  |  | \__/  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`

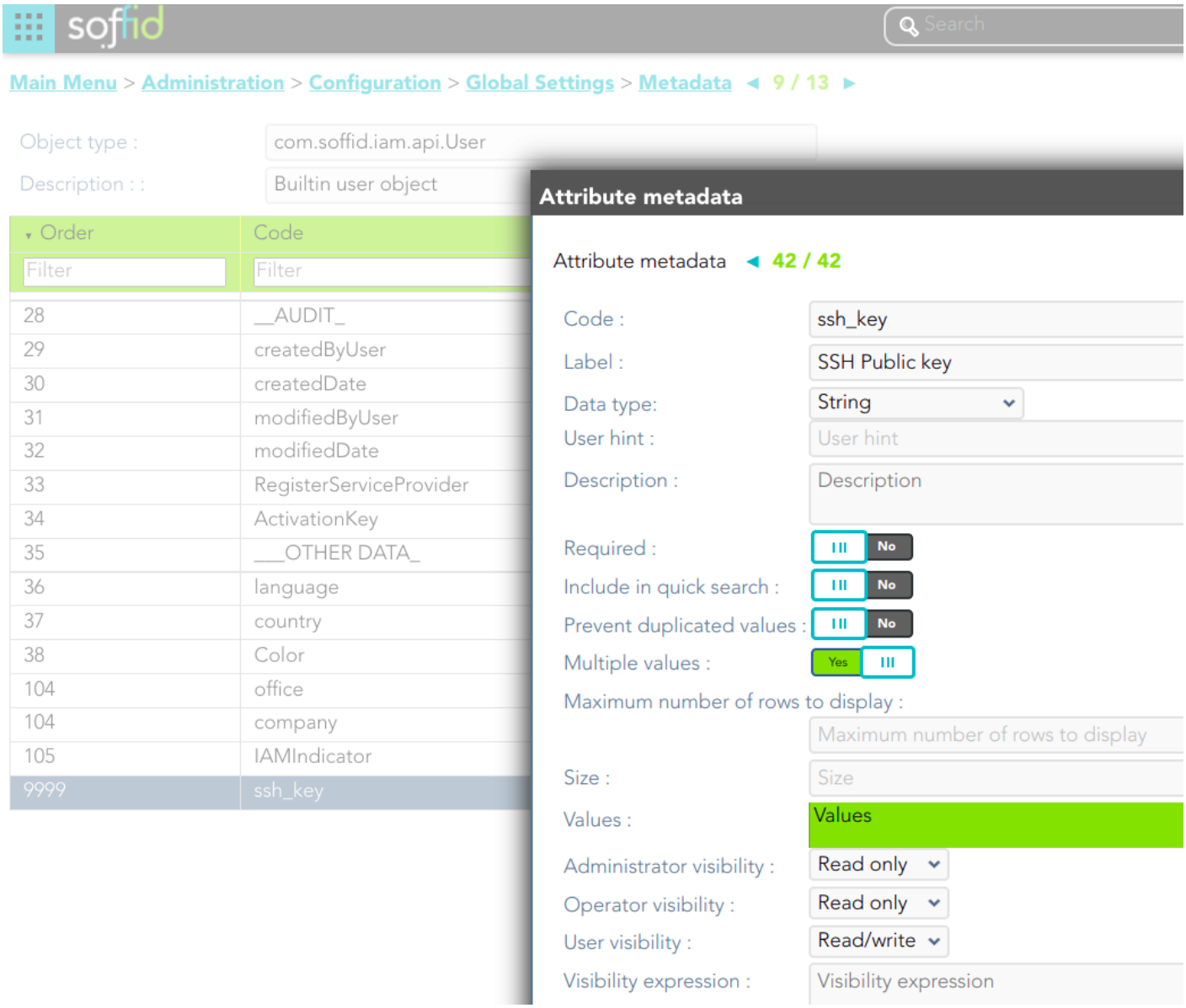
Then you need to include it in Soffid Console in your user data.

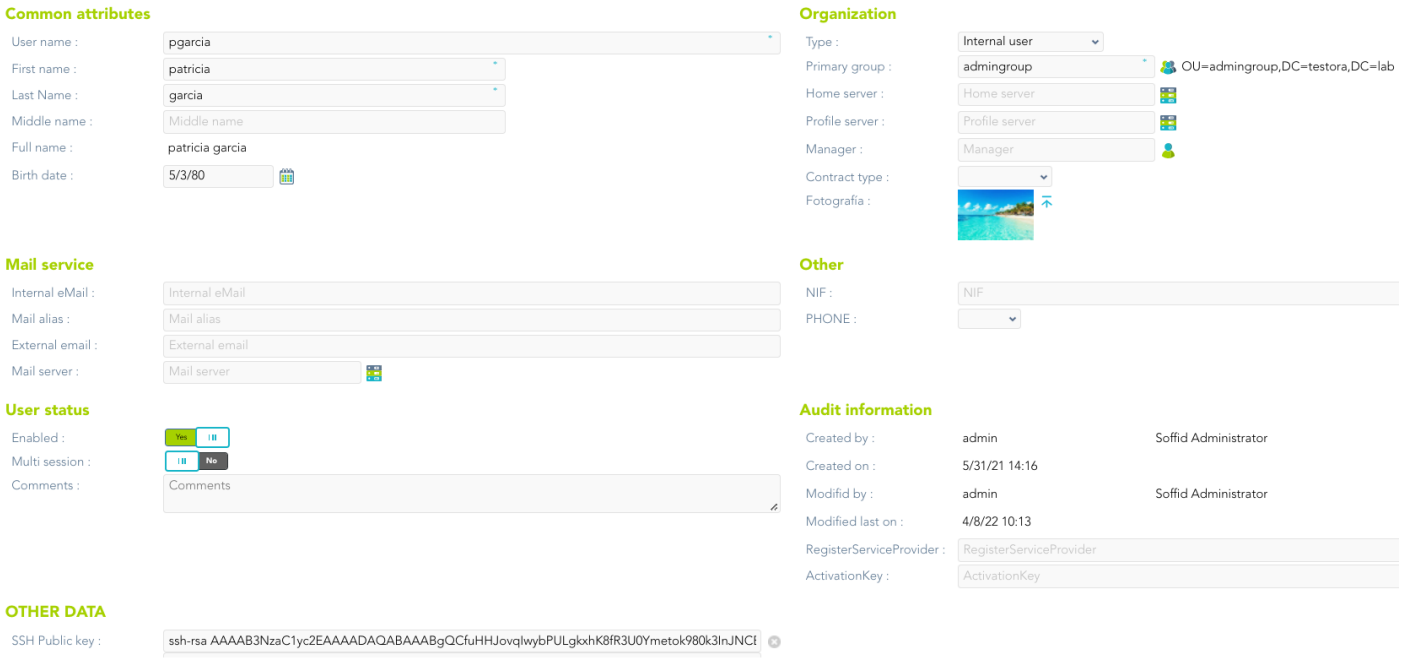
Finally you can establish the connection.

```
pgarcia@soffid:~$ ssh -p 2222 pgarcia__10.129.120.5__patricia@ssh-gateway
 ________________________________________
|              __                |
|           __/     |            |
|  __   __  _/__|__o  __|        |
| |__  /  \  |  |  | /  |        |
|  __| \__/  |  |  | \__/  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.


soffid
Search
Main Menu > Administration > Configuration > Global Settings > Metadata ◄ 9 / 13 ►
Object type : com.soffid.iam.api.User
Description : : Builtin user object
Order
Code
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 : No
Include in quick search : No
Prevent duplicated values : No
Multiple values : Yes
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 : Yes
Multi session : No
Comments : Comments
Audit information
Created by : admin Soffid Administrator
Created on : 5/31/21 14:16
Modifid by : admin Soffid Administrator
Modified last on : 4/8/22 10:13
RegisterServiceProvider : RegisterServiceProvider
ActivationKey : ActivationKey
OTHER DATA
SSH Public key : ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQCfuHHJovqIwybPULgkxhK8fR3U0Ymetok980k3InJNCI

https://es.wikipedia.org/wiki/Secure_Shell

Revision #18
Created 8 April 2022 08:30:05
Updated 5 December 2024 16:09:18