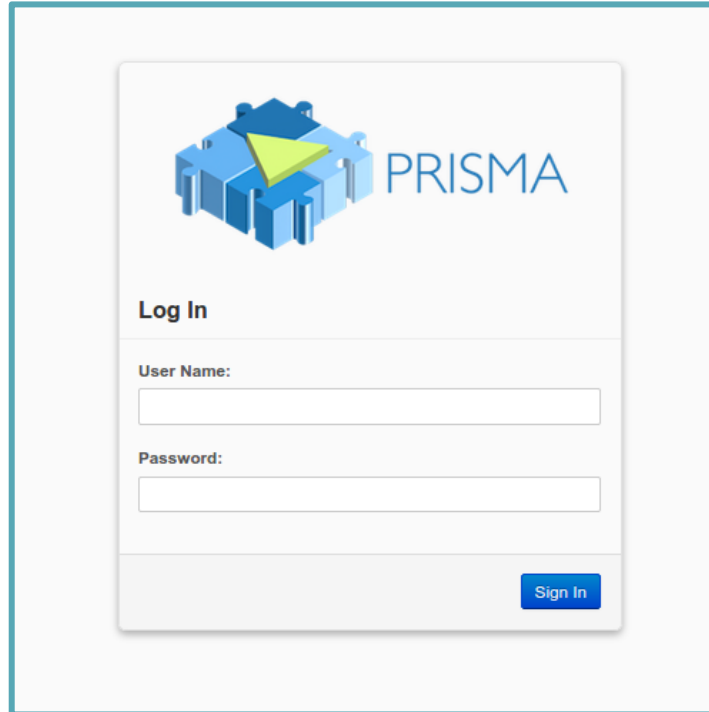


# **How to create and import a key pair**

**Create a key pair within  
the infrastructure**

1. Log into the web dashboard (<https://prisma-cloud.ba.infn.it/>) with your username and password



The image shows a login interface for Prisma Cloud. At the top, there is a logo consisting of a 3D arrangement of blue and yellow blocks forming a cube-like structure, followed by the word "PRISMA" in a blue, sans-serif font. Below the logo, the text "Log In" is displayed in a bold, black font. Underneath, there are two input fields: the first is labeled "User Name:" and the second is labeled "Password:". Both fields are empty and have a light gray border. At the bottom right of the form, there is a blue button with the text "Sign In" in white.

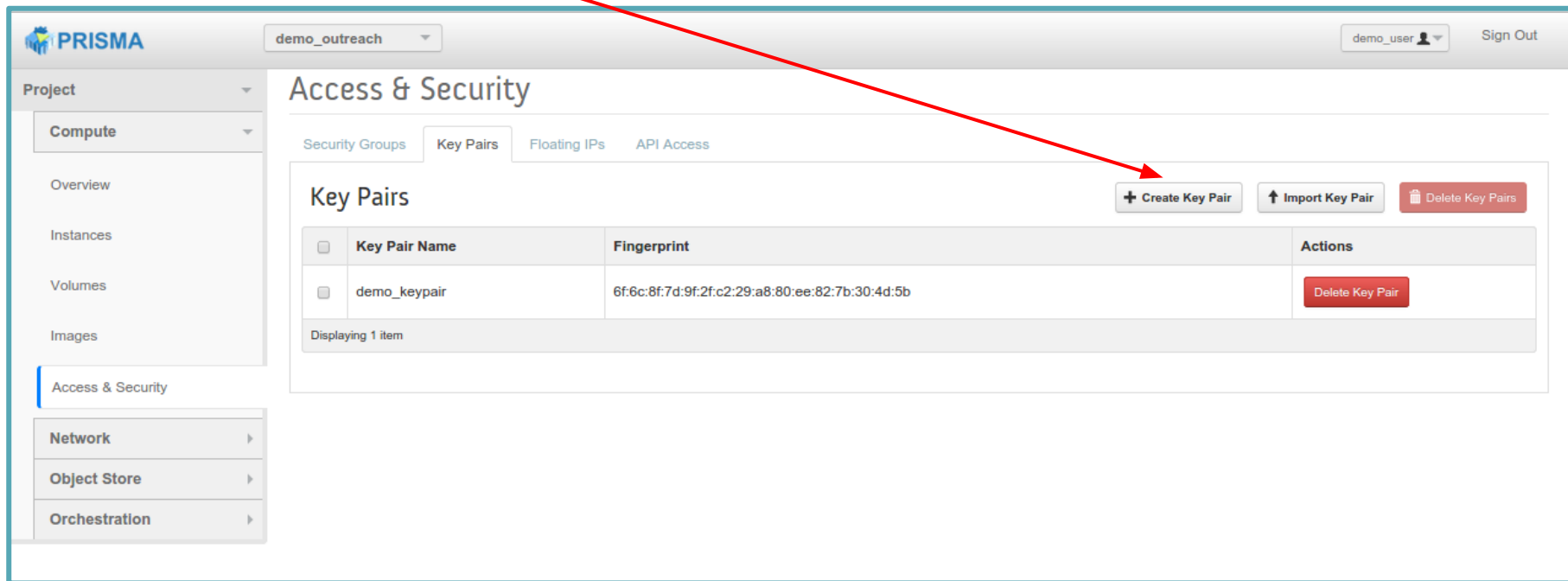
2. In the left panel, click on **Project** → **Access & Security** → **Key Pairs**

The screenshot shows the PRISMA web interface. The left sidebar contains a 'Project' dropdown menu with options: Compute, Overview, Instances, Volumes, Images, Access & Security (highlighted with a blue bar), Network, Object Store, and Orchestration. The main content area is titled 'Access & Security' and has tabs for Security Groups, Key Pairs (selected), Floating IPs, and API Access. Below the tabs, there are buttons for '+ Create Key Pair', '↑ Import Key Pair', and 'Delete Key Pairs'. A table lists the key pairs:

<input type="checkbox"/>	Key Pair Name	Fingerprint	Actions
<input type="checkbox"/>	demo_keypair	6f:6c:8f:7d:9f:2f:c2:29:a8:80:ee:82:7b:30:4d:5b	<button>Delete Key Pair</button>

Below the table, it says 'Displaying 1 item'. Three red arrows indicate the navigation path: from 'Project' in the sidebar to 'Access & Security', then to 'Key Pairs' in the tabs, and finally to the 'demo\_keypair' entry in the table.

### 3. Click on Create Key Pair



The screenshot shows the PRISMA web interface. The top navigation bar includes the PRISMA logo, a dropdown menu set to 'demo\_outreach', a user profile for 'demo\_user', and a 'Sign Out' link. The left sidebar contains a 'Project' dropdown menu with 'Compute' selected, and a list of navigation items: Overview, Instances, Volumes, Images, Access & Security (highlighted), Network, Object Store, and Orchestration. The main content area is titled 'Access & Security' and features tabs for Security Groups, Key Pairs (selected), Floating IPs, and API Access. Below the tabs, the 'Key Pairs' section has three buttons: '+ Create Key Pair' (highlighted by a red arrow), 'Import Key Pair', and 'Delete Key Pairs'. A table lists existing key pairs with columns for selection, name, fingerprint, and actions. One key pair, 'demo\_keypair', is listed with its fingerprint. A 'Delete Key Pair' button is visible in the actions column. At the bottom of the table, it says 'Displaying 1 item'.

PRISMA demo\_outreach demo\_user Sign Out

Project ▾

Compute ▾

Overview

Instances

Volumes

Images

Access & Security

Network ▸

Object Store ▸

Orchestration ▸

## Access & Security

Security Groups Key Pairs Floating IPs API Access

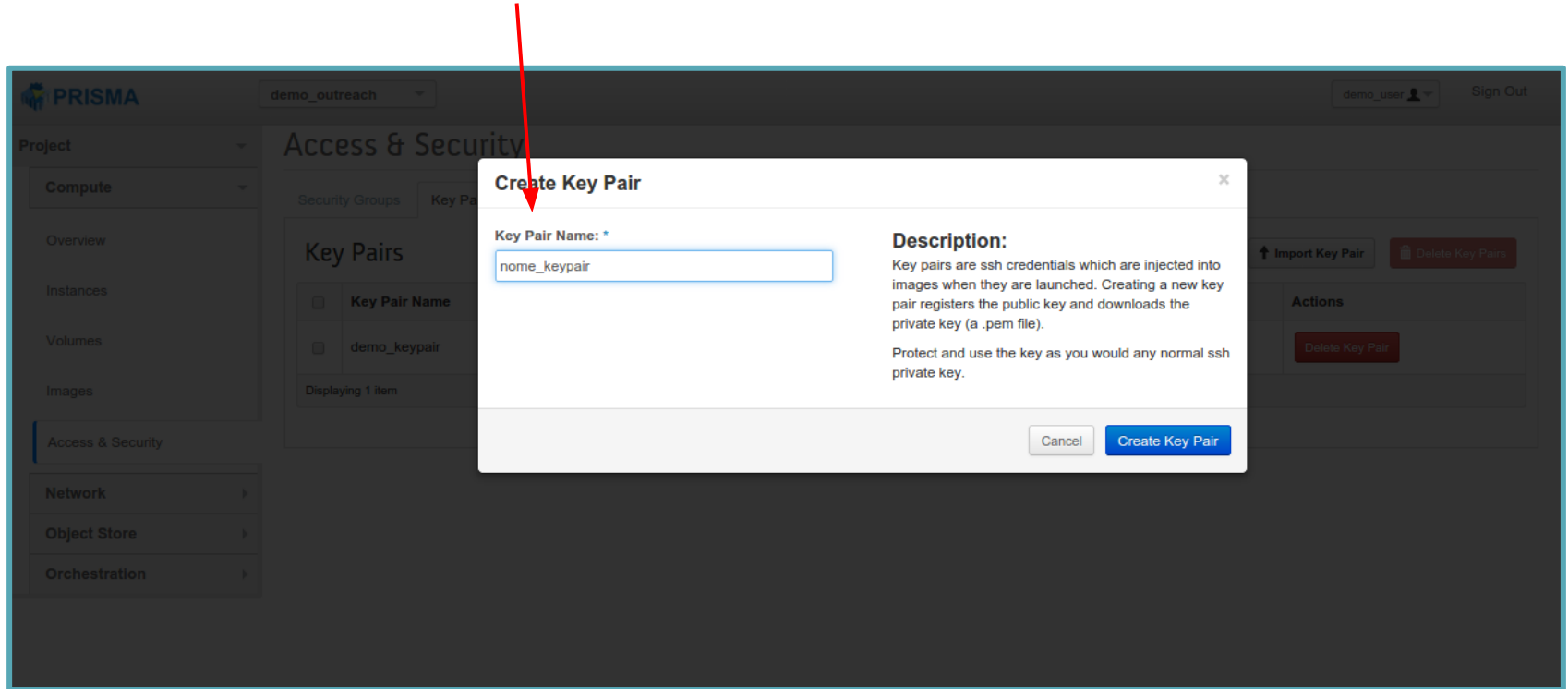
### Key Pairs

+ Create Key Pair Import Key Pair Delete Key Pairs

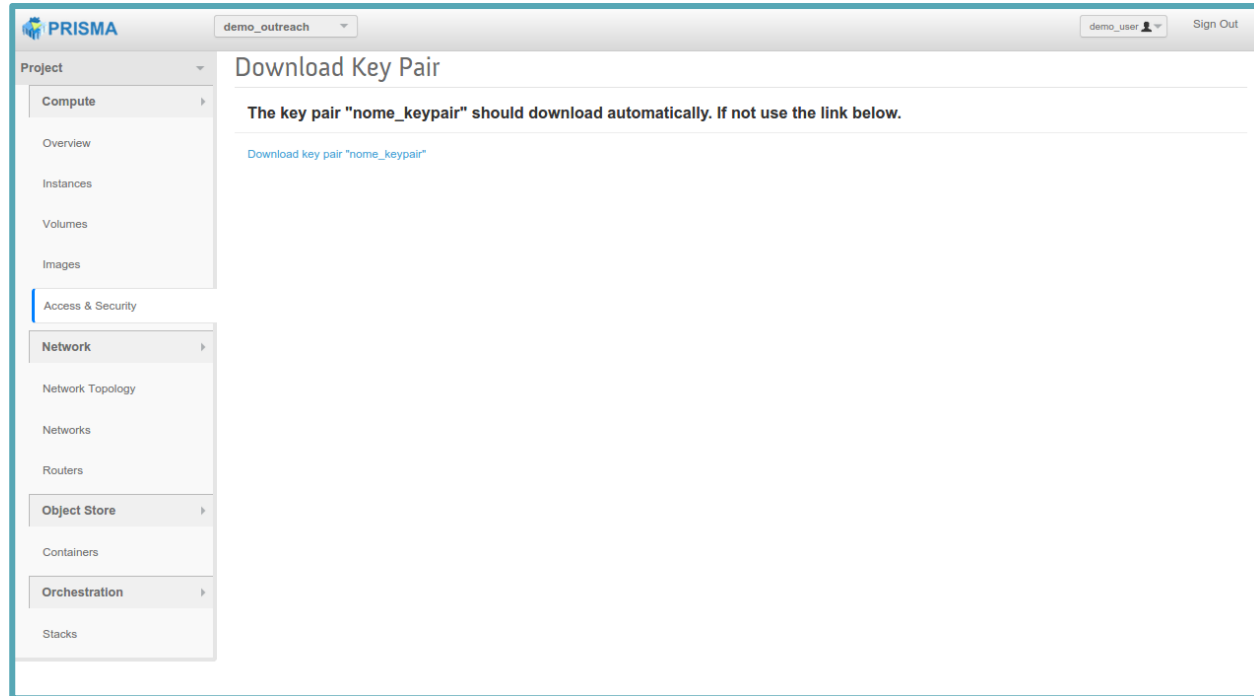
<input type="checkbox"/>	Key Pair Name	Fingerprint	Actions
<input type="checkbox"/>	demo_keypair	6f:6c:8f:7d:9f:2f:c2:29:a8:80:ee:82:7b:30:4d:5b	Delete Key Pair

Displaying 1 item

4. In the new window, type a name for the key pair



5. The key pair is then created and the private key is downloaded to your pc. Save it, you will use it to login to your vm



## 6. Check the new key pair has been added to Key Pairs in Access & Security

The screenshot shows the PRISMA web interface. The top navigation bar includes the PRISMA logo, a project dropdown set to 'demo\_outreach', a user profile 'demo\_user', and a 'Sign Out' link. The left sidebar contains a 'Project' dropdown and a list of navigation items: 'Compute', 'Overview', 'Instances', 'Volumes', 'Images', 'Access & Security' (which is highlighted with a blue bar), 'Network', 'Object Store', and 'Orchestration'. The main content area is titled 'Access & Security' and features four tabs: 'Security Groups', 'Key Pairs' (which is active), 'Floating IPs', and 'API Access'. Above the 'Key Pairs' table are three buttons: '+ Create Key Pair', '↑ Import Key Pair', and 'Delete Key Pairs'. The table has four columns: a checkbox, 'Key Pair Name', 'Fingerprint', and 'Actions'. It contains two entries: 'demo\_keypair' and 'nome\_keypair'. The 'nome\_keypair' entry is circled in red. Below the table, it says 'Displaying 2 items'.

<input type="checkbox"/>	Key Pair Name	Fingerprint	Actions
<input type="checkbox"/>	demo_keypair	6f:6c:8f:7d:9f:2f:c2:29:a8:80:ee:82:7b:30:4d:5b	<button>Delete Key Pair</button>
<input type="checkbox"/>	nome_keypair	eb:85:d6:e7:37:1d:61:fd:66:3a:f3:1d:bc:fb:40:d4	<button>Delete Key Pair</button>

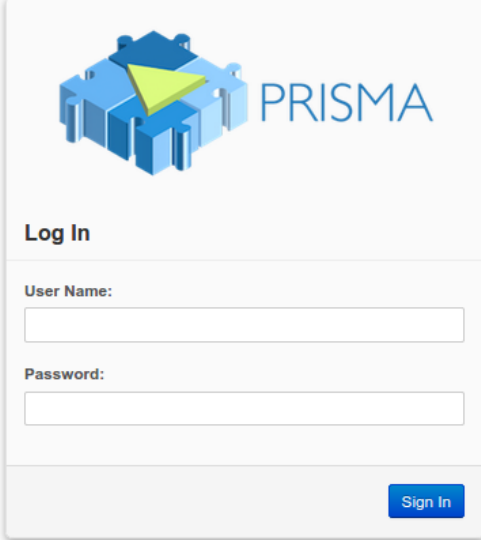
Displaying 2 items




**Import a key pair**

If you already have a key pair, you need to import the **public** key in your tenant.

1. Log into the web dashboard (<https://prisma-cloud.ba.infn.it/>) with your username and password

The image shows a login form for the Prisma Cloud web dashboard. At the top, there is a logo consisting of a cluster of blue 3D cubes with a yellow triangle on top, followed by the word "PRISMA" in a blue, sans-serif font. Below the logo, the text "Log In" is displayed. Underneath, there are two input fields: "User Name:" and "Password:". At the bottom right of the form, there is a blue button with the text "Sign In".

 PRISMA

**Log In**

User Name:

Password:

[Sign In](#)

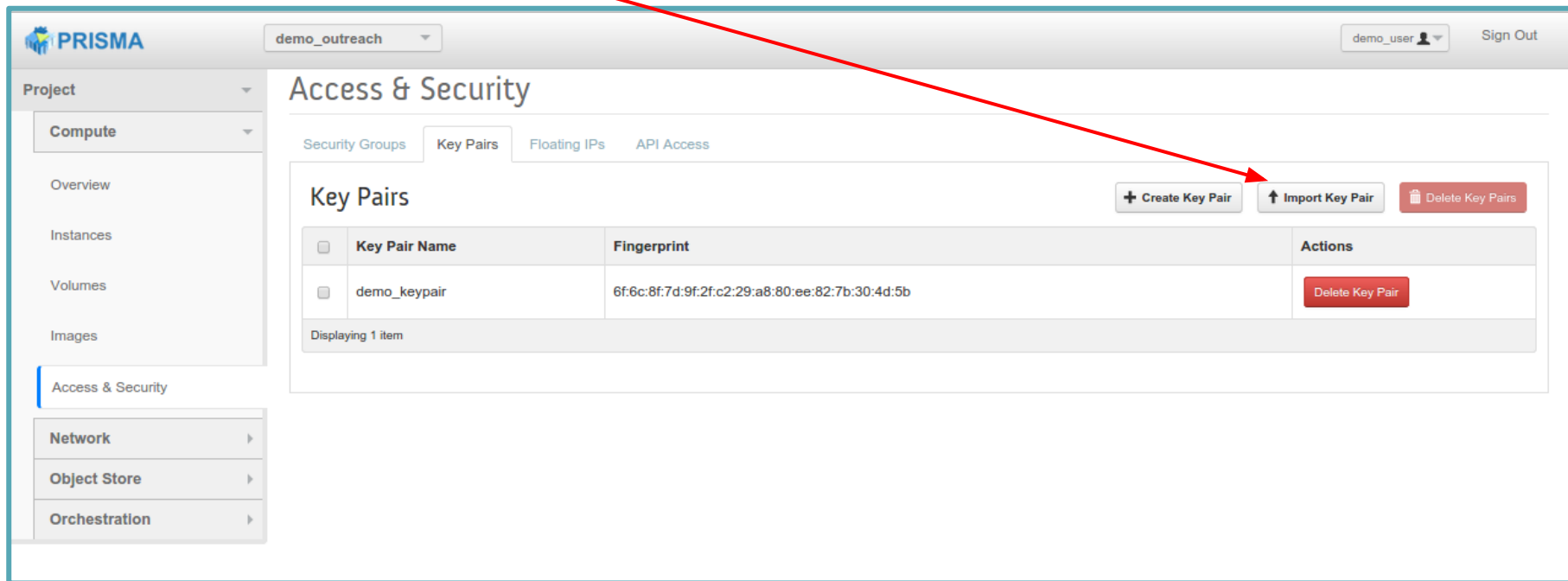
2. In the left panel, click on **Project** → **Access & Security** → **Key Pairs**

The screenshot shows the PRISMA web interface. The left sidebar contains a 'Project' dropdown menu with options: Compute, Overview, Instances, Volumes, Images, Access & Security (highlighted with a blue bar), Network, Object Store, and Orchestration. The main content area is titled 'Access & Security' and has tabs for Security Groups, Key Pairs (selected), Floating IPs, and API Access. Below the tabs, there are buttons for '+ Create Key Pair', '↑ Import Key Pair', and 'Delete Key Pairs'. A table lists the key pairs:

<input type="checkbox"/>	Key Pair Name	Fingerprint	Actions
<input type="checkbox"/>	demo_keypair	6f:6c:8f:7d:9f:2f:c2:29:a8:80:ee:82:7b:30:4d:5b	<button>Delete Key Pair</button>

Below the table, it says 'Displaying 1 item'. Three red arrows indicate the navigation path: from 'Project' in the sidebar to 'Access & Security', then to the 'Key Pairs' tab, and finally to the 'demo\_keypair' row in the table.

### 3. Click on Import Key Pair



The screenshot shows the PRISMA web interface. The top navigation bar includes the PRISMA logo, a dropdown menu set to 'demo\_outreach', a user profile for 'demo\_user', and a 'Sign Out' link. The left sidebar contains a 'Project' dropdown menu with options: 'Compute', 'Overview', 'Instances', 'Volumes', 'Images', 'Access & Security' (highlighted), 'Network', 'Object Store', and 'Orchestration'. The main content area is titled 'Access & Security' and has tabs for 'Security Groups', 'Key Pairs' (selected), 'Floating IPs', and 'API Access'. The 'Key Pairs' section features three buttons: '+ Create Key Pair', '↑ Import Key Pair' (indicated by a red arrow), and 'Delete Key Pairs'. Below these buttons is a table with the following data:

<input type="checkbox"/>	Key Pair Name	Fingerprint	Actions
<input type="checkbox"/>	demo_keypair	6f:6c:8f:7d:9f:2f:c2:29:a8:80:ee:82:7b:30:4d:5b	<button>Delete Key Pair</button>

Below the table, it states 'Displaying 1 item'.

## 4. Type a name for the new key pair

The screenshot shows the PRISMA console interface. On the left is a sidebar with a 'Project' dropdown set to 'demo\_outreach'. Below it are navigation links for 'Compute', 'Overview', 'Instances', 'Volumes', 'Images', 'Access & Security' (which is highlighted), 'Network', 'Object Store', and 'Orchestration'. The main panel is titled 'Access & Security' and contains a 'Key Pairs' section with a table listing 'demo\_keypair' and 'nome\_keypair'. A modal dialog titled 'Import Key Pair' is open in the center. A red arrow points from the instruction text to the 'Key Pair Name' input field in the dialog, which contains the text 'nome2\_keypair'. The dialog also has a 'Public Key' input field, a 'Description' section with instructions and code snippets, and 'Cancel' and 'Import Key Pair' buttons at the bottom.

**Import Key Pair**

**Key Pair Name: \***

nome2\_keypair

**Public Key: \***

**Description:**

Key Pairs are how you login to your instance after it is launched.

Choose a key pair name you will recognise and paste your SSH public key into the space provided.

SSH key pairs can be generated with the ssh-keygen command:

```
ssh-keygen -t rsa -f cloud.key
```

This generates a pair of keys: a key you keep private (cloud.key) and a public key (cloud.key.pub). Paste the contents of the public key file here.

After launching an instance, you login using the private key (the username might be different depending on the image you launched):

```
ssh -i cloud.key ubuntu@<instance_ip>
```

or:

```
ssh -i cloud.key ec2_user@<instance_ip>
```

Cancel Import Key Pair

## 5. Paste your **Public** Key in the box

The screenshot shows the PRISMA console interface. In the background, the 'Access & Security' section is active, displaying a list of 'Key Pairs' with columns for 'Key Pair Name' and 'Public Key'. The list includes 'demo\_keypair' and 'nome\_keypair'. Overlaid on this is a modal dialog titled 'Import Key Pair'. The dialog has two main input fields: 'Key Pair Name' (containing 'nome2\_keypair') and 'Public Key' (which is empty and highlighted by a red arrow). To the right of the inputs is a 'Description' section explaining that key pairs are used for logging into instances and providing an example command to generate a key pair: `ssh-keygen -t rsa -f cloud.key`. Below the description, there are two example SSH commands: `ssh -i cloud.key ubuntu@<instance_ip>` and `ssh -i cloud.key ec2_user@<instance_ip>`. At the bottom of the dialog are 'Cancel' and 'Import Key Pair' buttons.

**Import Key Pair**

Key Pair Name: \*  
nome2\_keypair

Public Key: \*

**Description:**  
Key Pairs are how you login to your instance after it is launched.  
Choose a key pair name you will recognise and paste your SSH public key into the space provided.  
SSH key pairs can be generated with the ssh-keygen command:

```
ssh-keygen -t rsa -f cloud.key
```

This generates a pair of keys: a key you keep private (cloud.key) and a public key (cloud.key.pub). Paste the contents of the public key file here.

After launching an instance, you login using the private key (the username might be different depending on the image you launched):

```
ssh -i cloud.key ubuntu@<instance_ip>
```

or:

```
ssh -i cloud.key ec2_user@<instance_ip>
```

Cancel Import Key Pair

To generate a key pair in a Unix-like terminal (Linux, Mac, BSD, ecc.), type

```
ssh-keygen -t dsa
```

Select a passphrase or leave blank when prompted.

This will create two files, the **public** key *id\_dsa.pub* and the **private** key *id\_dsa* into the hidden *.ssh* directory.