

Launch an Instance

Start Your Journey with,

Meghna Cloud

STEPS Welcome to Meghna Cloud

Here are some quick steps for you to easily and efficiently launch an instance

Go to the "Meghna Cloud" web-portal and login as a user.

[Link: stage.meghnacloud.com]

- Register first (for new users).
- Once you user is in the dashboard, make sure to use the "Navbar" to navigate to different sections.

- Go to the "Network Interface" page under "Network and Security" using the navbar.
- Create a new network interface.

- Go to the "Routers" page under "Network and Security" using the navbar.
- Create a router.
- Attach the "Network Interface" with the "Router".

Go to the "Instance" page under "Cloud Compute Service" using the navbar.

- Click on the "Launch an Instance" button to open the instance creation form.
- In the form, fill out all the necessary information and make sure to select the "Network" user has created in step 2 & 3.
- Once everything is okay, click "Launch Instance" to create and launch a new instance.

Meghna Cloud Platform STEP01



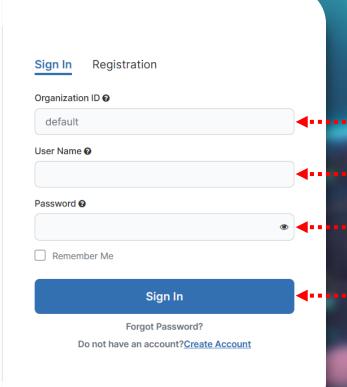


Welcome back to

Meghna Cloud

Please sign in to your account to continue

Learn More



- Visit Meghna Cloud
- Sign in to Access the **Dashboard**

Insert your registered Organization ID

Insert your registered **Username**

Insert your valid Password

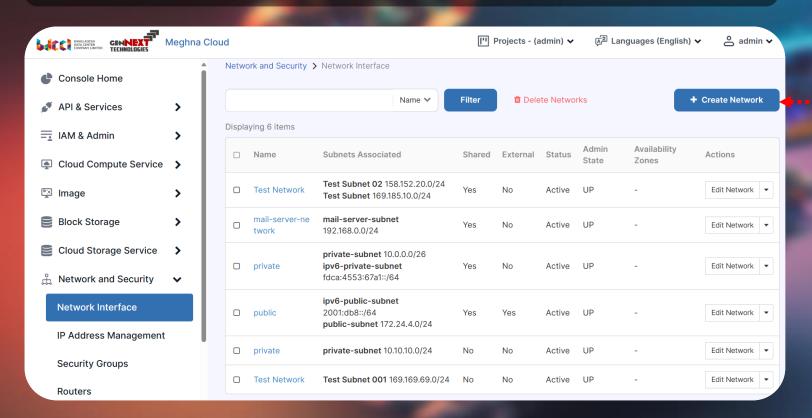
Click Sign In

New Users: Switch over to the Registration tab and go through the registration process to Sign In.



Once user is logged in and inside the dashboard:

Go to the Network Interface page, under 'Network and Security'

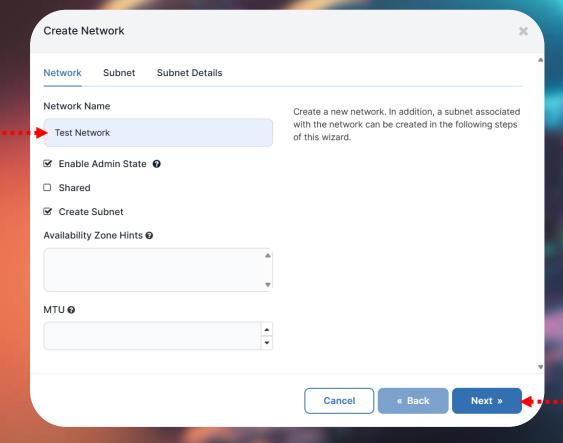


Click Create Network

Note: Clicking 'Create Network' button will pop up a tab that user need fill up with all the necessary information in order to successfully create a new network interface.

Network Interface STEP02/02 Create a Network

Input a Network Name



Once 'Create Network' interface pops up:

- User will be able to see 3 individual tabs
 Network, Subnet and Subnet Details.
- User can navigate between tabs by clicking Next or by individually clicking on the tab header itself.

Note: This 'Quick Reference' guide covers only the basics of creating a new network. For detailed instructions on each available option, please refer to our user manual.

Click **Next** (to move to the next tab)

Network Interface STEP02/03 Create a Network

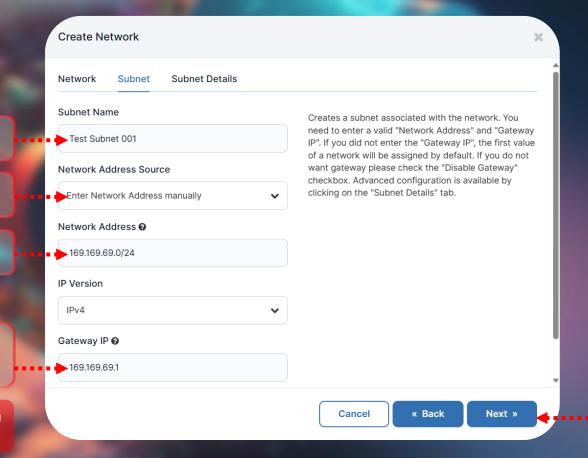
Input a **Subnet Name**

Keep the Address Source manual

Input a **Network Address**

Input a **Gateway IP** based on the 'Network Address'

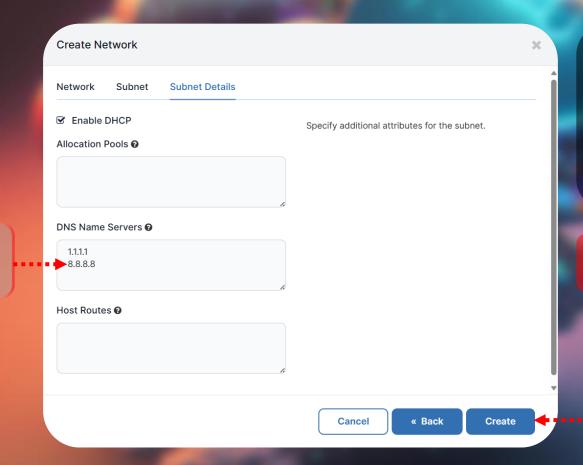
Note: If not provided, it will automatically assign the first IP of the network as 'Gateway IP'



Click **Next**(to move to the next tab)



Network Interface Create a Network STEP02/04



At this point, all the necessary fields are covered for creating a new network.

 To confirm every input is valid, user can navigate between tabs using Next/Back button or by clicking on individual tabs.

Note: The newly created network interface can be accessed from the 'Dashboard'.

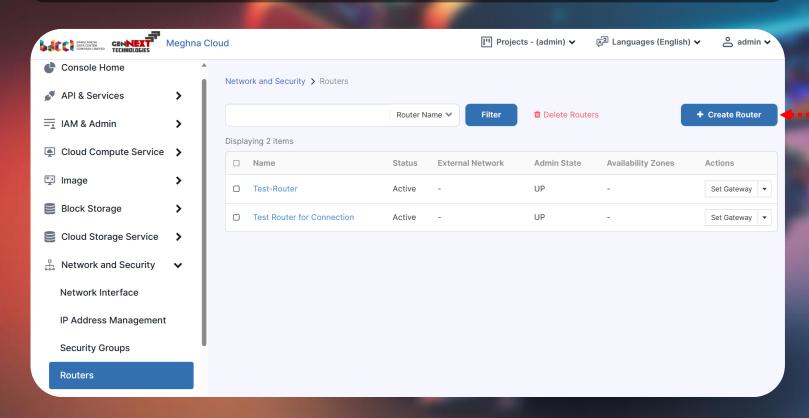
Click **Create** (to confirm inputs and create a new network)

Input the

DNS Name Servers

Once user has created a custom network:

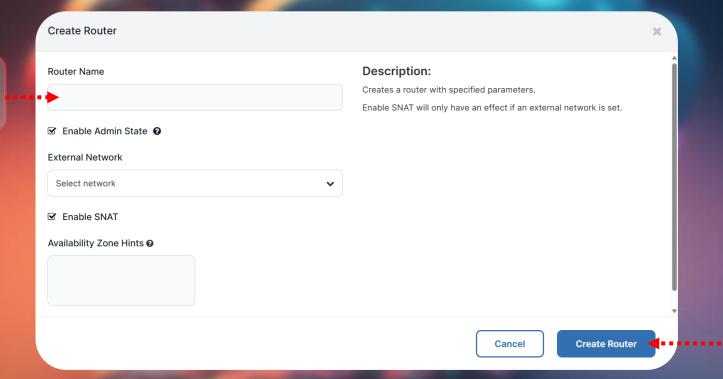
Go to the Routers page, under 'Network and Security'



Click Create Router

Note: Clicking 'Create Router' button will pop up a tab that user need fill up with all the necessary information in order to successfully create a new router.

Input a name for the **Router**

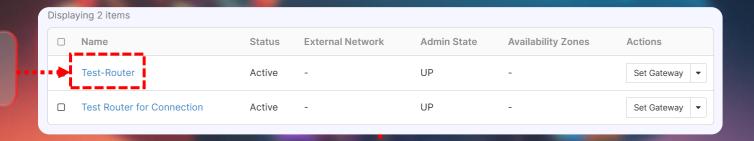


Note: The newly created router can be accessed from the 'Dashboard'.

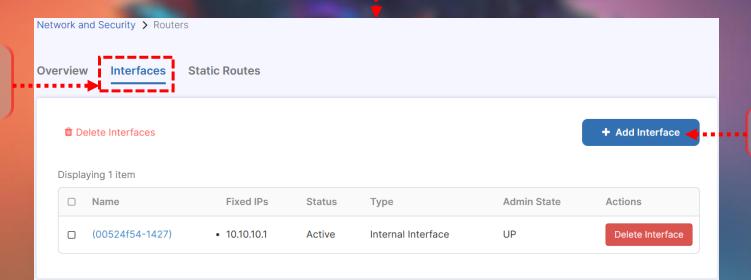
Click **Create** (to confirm inputs and create a new router) To attach custom 'Network Interface' with any 'Router':

• User must click on a router and move to the interface tab to attach interface.

Click the name of the **Router**



Click on Interface (to move to the interface tab)



Click Add Interface

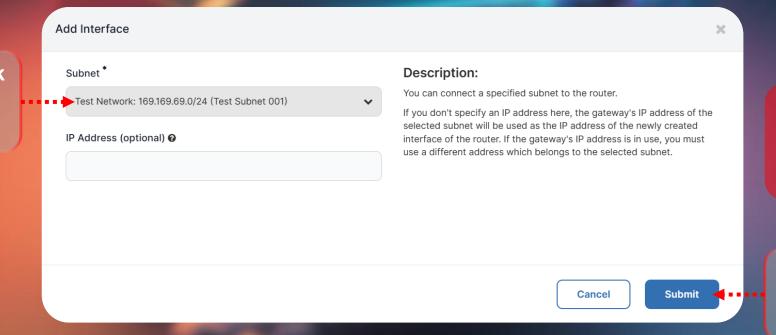


Clicking 'Add Interface' will pop-up the Add Interface tab:

• User must select the network subnet that user wants to attach, using the dropdown.

(In this case user must attach the network interface that user has created [go through slide 4 to 7 for reference])

Select the **Network Subnet** from the dropdown

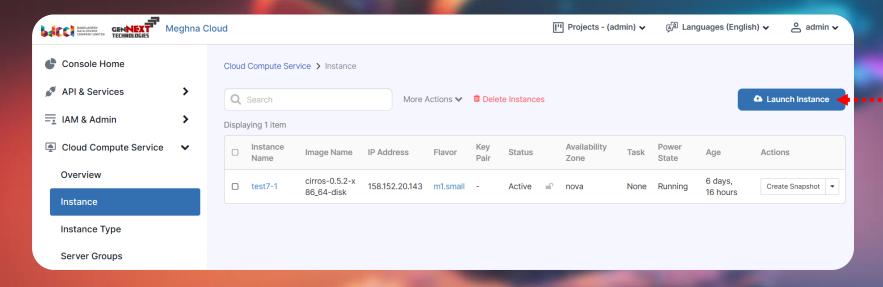


Note: The newly attached network interface can be accessed from the 'Interface' tab.

Click **Submit** (to confirm and add interface)

Once user has completed attaching interface with the router:

• Go to the Instance page, under 'Cloud Compute Service'



Click Launch an Instance

Note: Clicking 'Launch an Instance' will redirect user to a new page where user is required to input necessary information to launch a new instance.

Upon clicking 'Launch an Instance' user will be redirected to a new page:

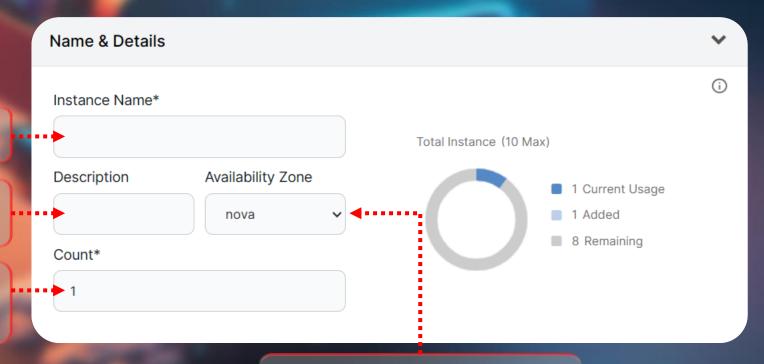
- User will have to go through different sections; user can navigate by scrolling and clicking individual input fields/dropdowns.
- User must fill up/select all the fields that are marked with an asterisk (*).

Input Instance Name

Input a suitable **Description** (optional)

Input Count

(How many instances will be launched with the same configuration)



Select the **Availability Zone**

(From which location [location of the server] the instance will be launched)



Launch an Instance STEP04/03

Select the **Boot Source** (*Type*) from the dropdown

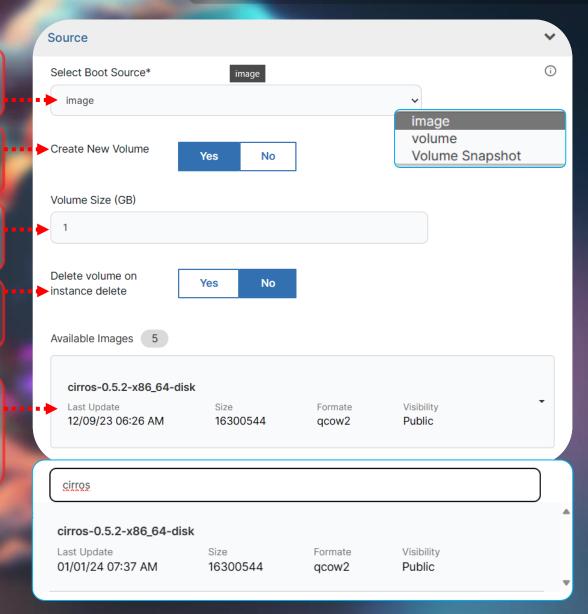
Select **No** if user does not wish to create a volume for the new instance.

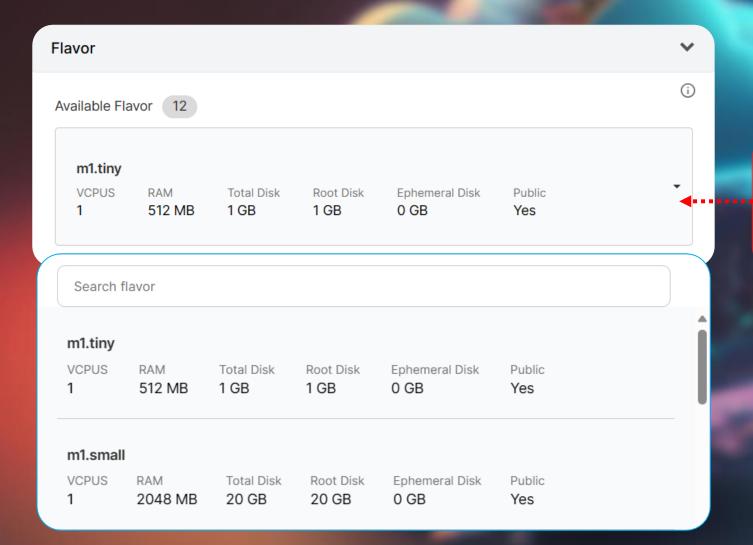
Specify the **Volume Size** (if user wish to create a volume for the instance)

Select **Yes** if user wish to delete the associated volume during instance deletion

Select the **Boot Source** (File) from the dropdown

[User can use the search function to easily find the desired file]



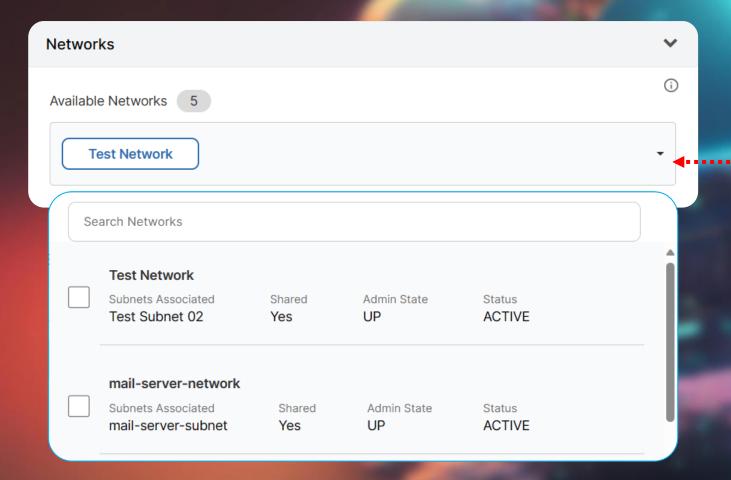


Select the **Flavor** from the dropdown (a combination of CPU, Memory and Storage)
[User can use the search function to easily find the desired flavor]

Note: User can see more details about all the available flavors from the 'Instance Type' page. User can access this page from the navbar under 'Cloud Compute Service'.



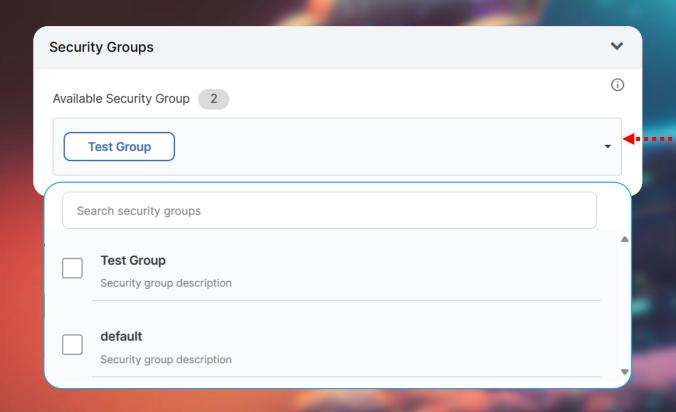
Launch an Instance Networks STEP04/05



Select the **Network** for the instance using the dropdown

[User can use the search function to easily find the desired network]

Note: User can select multiple networks for the instance but for a successful launch it is recommended that user selects a pre-configured custom network. For this example we are using the 'Test Network' that we have created at the beginning [Referring to slide 4 to 7].

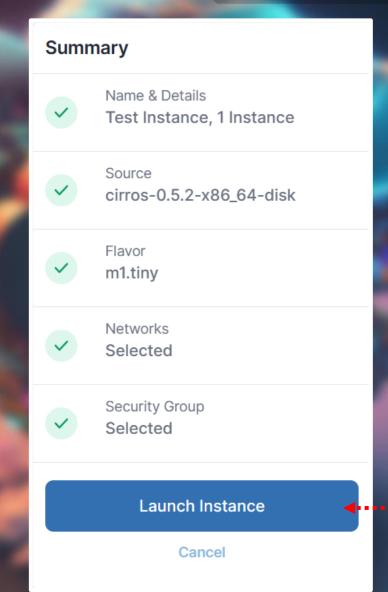


Select the **Security Groups** for the instance using the dropdown

[User can use the search function to easily find the desired security group]

Note: User can select multiple security groups for the instance. For custom security groups user must pre-configure them before launching instance. User can customize security groups from the 'Security Groups' page under 'Network and Security' in the navbar.

- At this point, the user can proceed with the instance launching process, as all the basic requirements have been completed.
- Users can use this summary checklist as a guide to figure out which sections are important for instance creation.
- The "Launch Instance" button will only activate after all the items in the summary list are selected.
- For the remaining sections, users can configure them later after the instance is created. Users can also configure them during the instance creation process for better control.



Click **Launch Instance**(to confirm inputs and launch new instance)

Click Import Key Pair

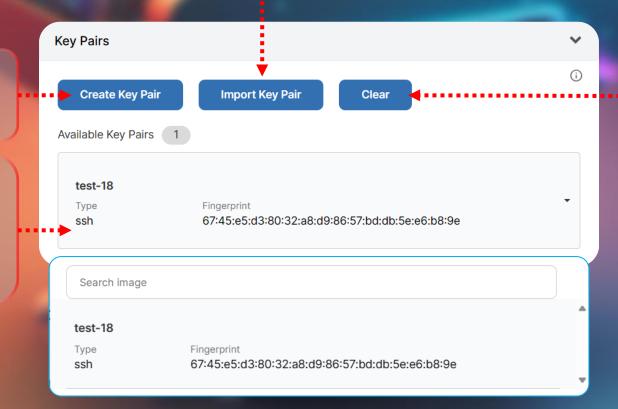
(in order to import any existing key-pair)

Click Create Key Pair

(in order to create a new custom key-pairs)

Select an existing **Key Pair** using the dropdown

[User can use the search function to easily find the desired security group]

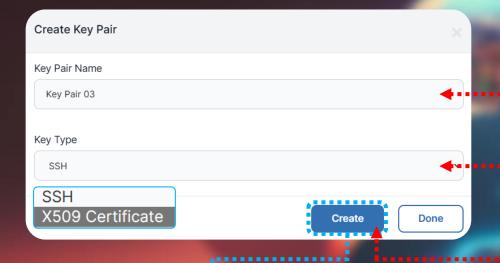


Click **Clear** (in order to remove any

selection)



Launch an Instance (Optional) Key Pairs / Create STEP 14/7.1



Input Key Pair Name

Select **Key Type** from the dropdown

Click **Create** in order to create a key-pair

Create Key Pair

Key Pair Name

Key Pair 03

Key Type

SSH

Private Key

----BEGIN RSA PRIVATE KEY---MIIEOWIBAAKCAQEAW3vdpJJ/Sx9uGDObEOoimSes/4uCUt399LV83bqcfDSy+AJM
OOrwW2a8nBmTMg5/9bxSUvNLFCV6zEenYakB9n0gxzh9lmj1xvjvl05NKUJ80lqq
JIBLzvJ/CQnfdRQvb1tMHE28hLxjEuxeVd2C6rbk55LoQFeo0DpGfb2ql2aZeXNy
nUGDF5iZCRKTiorEKKqM/2FBNnksUMIXIFTU5vXu0np8Gh9qSqWQEIzOv45LPdsF

Create

Copy
Done

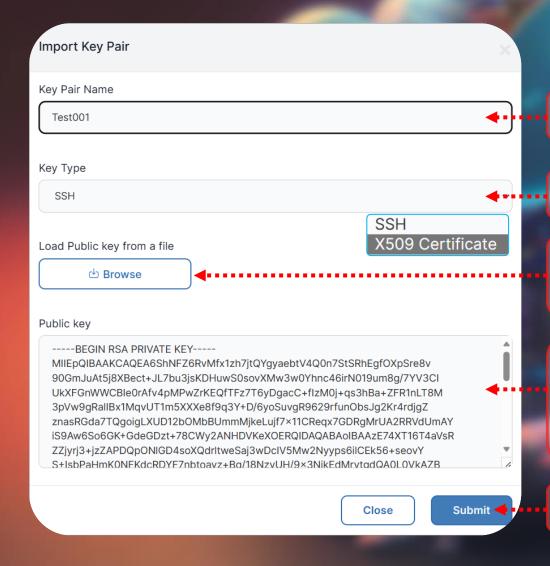
Copy manually or click the **Copy** button in order to copy the 'Private Key'

(User must copy and paste the private-key somewhere safe else, user will not be able to access the key-pair)

Click **Done** to close the popup tab



Launch an Instance (Optional) STEP 4/7.2



Input Key Pair Name

Select **Key Type** from the dropdown

Click **Browse** in order to browse the 'Public Key' from the local system.

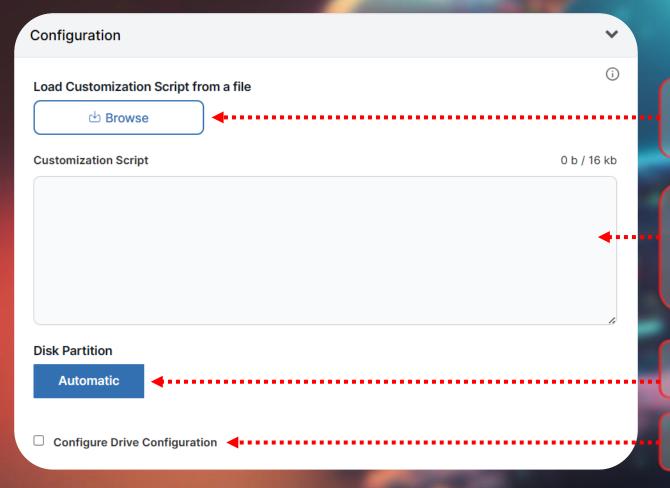
User can copy and paste the **Public Key** directly in the description box.

[Browsed key from the local file-system will automatically populate the description box]

Click **Submit** to confirm and start the import



Launch an Instance (Optional) STEP 14/08



Click **Browse** in order to browse the custom script file, from the local system.

User can copy and paste the **Script** directly in the description box.

[Browsed script from the local file-system will automatically populate the description box]

Click Automatic to allow automatic disk partition

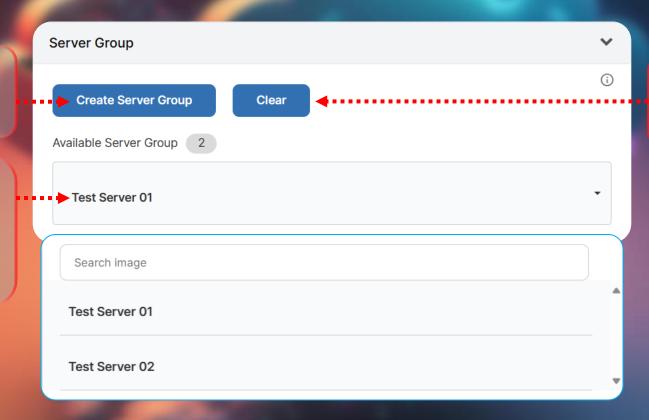
Mark this option to enable custom configuration

Click **Create Server Group** (in order to create a new

custom server-group)

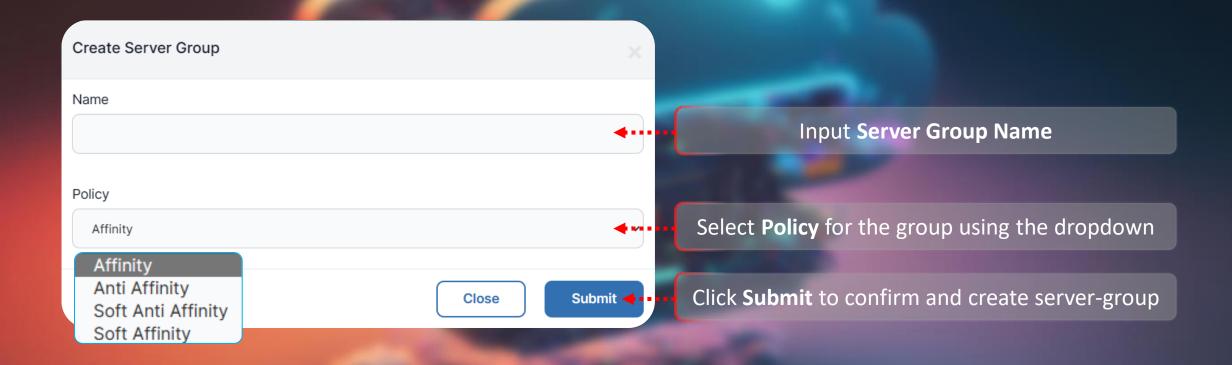
Select an existing **Server Group** using the dropdown

[User can use the search function to easily find the desired server-group]



Click **Clear** (in order to remove any selection)

Launch an Instance (Optional) STEP 14/9.1



Cloud Compute Service STEP00/00

