

# Create azure gateway

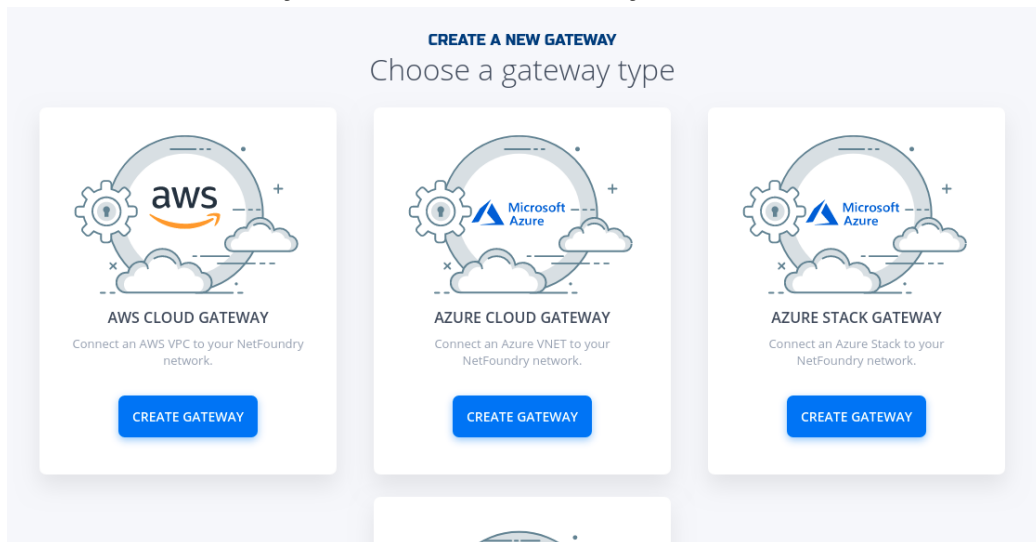
## **Create and Deploy NF Azure Gateway**

This section will guide a user through the steps on how to create a NF Manage Gateway in the NF Console UI and install it in the Azure vNet.

1. Navigate to Manage Gateways Page
2. Click on + sign in the top right corner.

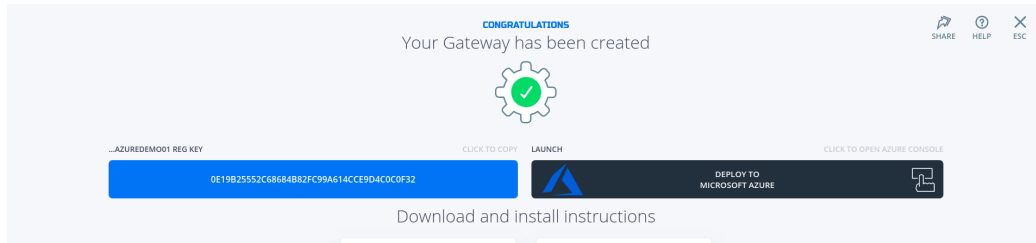


3. Click on "Create Gateway" on the Azure Cloud Gateway Card



4. Fill in the required information and click on "Create"

5. Copy the Client Registration Key



6. Click on "Deploy to Microsoft Azure". It will take you to the Azure Portal and ask you for your login credentials.

7. You will be presented with the template that needs to be filled. The first section is the Basics regarding your Subscription and Resource Group this gateway will be deployed in.

#### BASICS

Subscription *	NetFoundry Non-Prod	▼
Resource group *	nf-sandbox	▼
	<a href="#">Create new</a>	
Location *	(US) East US	▼

8. The second section related to resources associated with this gateway. e.g. vm name, ip address space, security groups, etc. you will paste the registration key copied in step 5. You will also need the public ssh key to use for access to this gateway remotely.

#### SETTINGS

Location	westus
Network Interface Name	azuredemo01-if
Security Group Name	azuredemo01-sg
Virtual Network Name	azuredemo01-vnet
Address Prefix	10.0.8.0/24
Subnet Name	default
Subnet Prefix	10.0.8.0/24
Public Ip Address Name	azuredemo01-ip
Public Ip Address Type	Dynamic
Public Ip Address Sku	Basic
Virtual Machine Name	azuredemo01 ✓
Virtual Machine RG	nf-sandbox
Os Disk Type	Premium_LRS
Virtual Machine Size	Standard_B1ms
Nfreg Key * ⓘ	..... ✓
Admin Username ⓘ	nfadmin
Ssh Key Data * ⓘ	ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQACjga67wcoISXaD1bswknLrejRYtZ... ✓

9. You will need to agree to Azure Marketplace Terms and Conditions and click to "Purchase" to continue.

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10. If the NF Gateway was deployed successfully. Here is the view of the Resource Group and NF Console UI.

The screenshot displays the Azure portal interface for the 'nf-sandbox' resource group. The left sidebar shows navigation options like Overview, Activity log, Access control (IAM), Tags, Events, Settings, Quickstart, Deployments, Policies, Properties, and Locks. The main area shows the 'nf-sandbox' resource group details, including the subscription 'NetFoundry Non-Prod' and the subscription ID '8699c8d4-4d25-4d7a-85ef-c9b299aeb4f'. Below this, a table lists resources: 'azuredemo01' (Type: all), 'azuredemo01-if' (Network interface), 'azuredemo01-ip' (Public IP address), 'azuredemo01-sg' (Network security group), and 'azuredemo01-vnet' (Virtual network). A 'MANAGE GATEWAYS' section is also visible, showing a table with columns: Gateway Label, Status, Type, Location, and Cloud Provider. The table contains one entry: 'AzureDemo01' with status 'Online', type 'Azure Private Gateway', and location 'Oregon'. The right sidebar shows a 'Notifications' panel with a message: 'Deployment succeeded' for 'Microsoft.Template' to resource group 'nf-sandbox'.

11. Done