

# Create private gateway

## **Create and Deploy NF Gateway in Branch Datacenter**

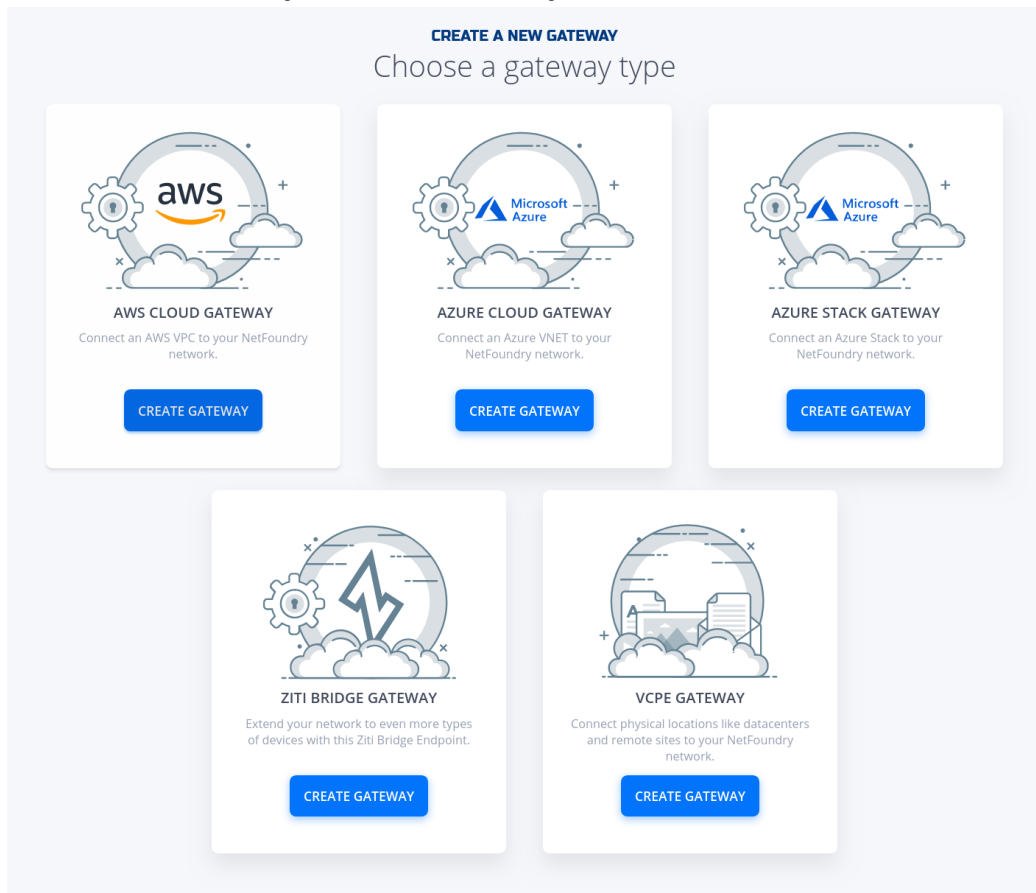
This section will guide a user through the steps on how to create a NF Manage Gateway in the NF Console UI and install it in the Branch Datacenter.



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



3. Click on "Create Gateway" on the VCPE Gateway Card



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

### CREATE A NEW GATEWAY

## Enter your Gateway attributes

GATEWAY NAME

REQUIRED

YourBranchGatewayName

CLOUD REGION

REQUIRED

US East

ENABLE HIGH AVAILABILITY

ENABLE TO EDIT DETAILS

HA

ENABLE HIGH AVAILABILITY  
FOR ULTIMATE REDUNDANCY

OFF


DISABLED

CREATE

5. Copy the Client Registration Key

### CONGRATULATIONS

## Your Gateway has been created

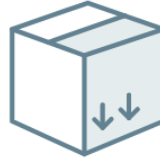


YOURBRANCHGATEWAYNAME REGISTRATION KEY

CLICK TO COPY

FB18C6EBEAD65B723E9C86B6882A3298ED77DBBF


## Download and install instructions



### DOWNLOAD INSTALL PACKAGE

vCPE Gateway to connect to private networks, branches, & data centers using this customer-managed virtual gateway.

DOWNLOAD



### VIEW INSTALL INSTRUCTIONS

Connect public or private IP space inside your vCPE using a customer-managed cloud gateway.

VIEW

## 6. Click on "Download" button on the Installation Package Card

The screenshot shows the NetFoundry website with a navigation bar at the top containing 'SOLUTIONS', 'PARTNERS', 'RESOURCES', 'ABOUT', and a 'START NOW' button. Below the navigation bar are six installation package cards arranged in a 2x3 grid. Each card features a logo for a specific hypervisor or cloud provider, a title, a brief description, a link to installation instructions, and a button to either 'VISIT MARKETPLACE' or 'DOWNLOAD'.

- AWS Cloud Gateway:** Deploy secure, high performance, global networks as easily and effectively as you spin up your AWS instances. Download it now from the AWS Marketplace. Not sure how to install it? [Click Here](#) to read our simple install instructions. Button: VISIT MARKETPLACE.
- Azure Cloud Gateway:** Improve the agility, security and performance of your cloud applications in Azure. Download it now from the Azure Marketplace. Not sure how to install it? [Click Here](#) to read our simple install instructions. Button: VISIT MARKETPLACE.
- OVA for VMware ESXi 5.0 or greater:** This is a V-CPE Gateway to connect to private networks, branches, & datacenters using this customer-managed virtual gateway. Not sure how to install it? [Click Here](#) to read our simple install instructions. Button: DOWNLOAD.
- Microsoft Hyper-V VHD Image:** This is a V-CPE Gateway to connect to private networks, branches, & datacenters using this customer-managed virtual gateway. Not sure how to install it? [Click Here](#) to read our simple install instructions.
- KVM QCOW2 Image:** This is a V-CPE Gateway to connect to private networks, branches, & datacenters using this customer-managed virtual gateway. Not sure how to install it? [Click Here](#) to read our simple install instructions.
- OVA for Virtual Box:** This is a V-CPE Gateway to connect to private networks, branches, & datacenters using this customer-managed virtual gateway. Not sure how to install it? [Click Here](#) to read our simple install instructions.

## 7. Download the correct image for the desired Hypervisor.

## 8. Follow the installation procedure linked in the description of each image type (i.e. "Click Here").

## 9. Once installed, login into it locally with ssh and register it using the key copied in the previous step. Run the following command `sudo nfnreg "reg key"`

```
Infadmin@yourBranchGatewayName ~]$ sudo nfnreg 36BFD32C7F09883BA4C0C3D991D3BB013D89EA87
Created symlink from /etc/systemd/system/multi-user.target.wants/dvn-driver.service to /usr/lib/systemd/system/dvn-driver.service.
Created symlink from /etc/systemd/system/multi-user.target.wants/dvn.service to /usr/lib/systemd/system/dvn.service.
Registration complete
Infadmin@yourBranchGatewayName ~]$
```

## 10. Once registered, one should see the gateway status turn to green in NF Console UI

### MANAGE GATEWAYS

Manage Gateways Manage Clients Manage Azure Virtual WAN Sites Manage Endpoint Groups

Type to Filter			
<input type="radio"/> Gateway Label	<input checked="" type="radio"/> Status	Type	Location
<input type="radio"/> YourBranchGatewayName	<span style="color: green;">●</span> Online	V-CPE Gateway	US East

## 11. Done