

How to Deploy a Proxy in Microsoft Azure

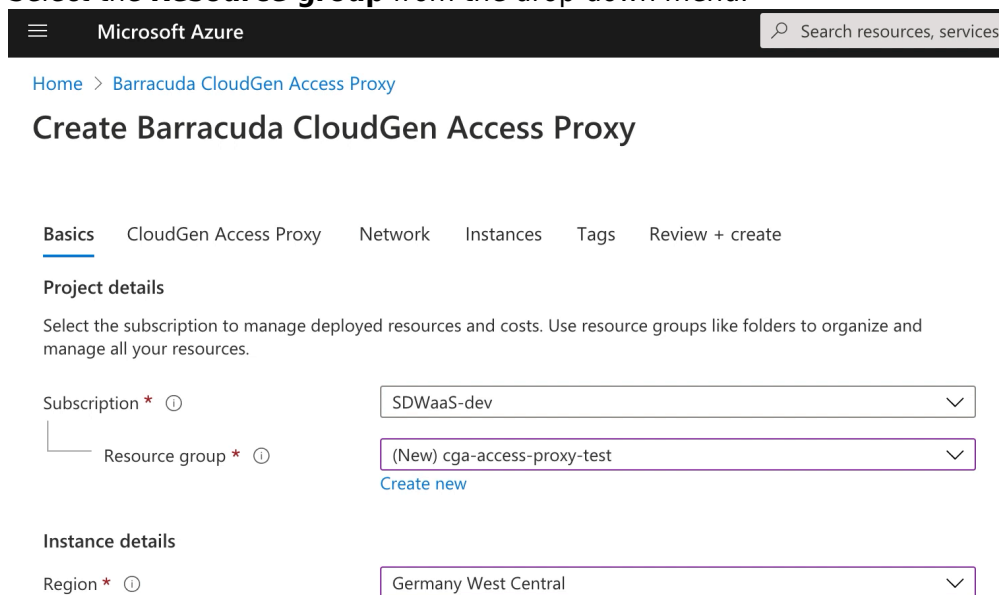
<https://campus.barracuda.com/doc/94537238/>

Before You Begin

Get a [CloudGen Access Proxy enrollment link](#) by creating a new CloudGen Access Proxy. Since there is still no value for **Host** parameters, insert a placeholder (e.g., temp.example.org)


Deploy the CloudGen Access Proxy to Azure

1. Click [Deploy to Azure](#).
2. Select the **Resource group** from the drop-down menu.



The screenshot shows the Microsoft Azure portal interface for creating a Barracuda CloudGen Access Proxy. The breadcrumb navigation is 'Home > Barracuda CloudGen Access Proxy'. The main heading is 'Create Barracuda CloudGen Access Proxy'. Below this, there are tabs for 'Basics', 'CloudGen Access Proxy', 'Network', 'Instances', 'Tags', and 'Review + create'. The 'Basics' tab is selected. Under 'Project details', there is a description: 'Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.' There are two dropdown menus: 'Subscription *' with the value 'SDWaaS-dev' and 'Resource group *' with the value '(New) cga-access-proxy-test'. A link 'Create new' is visible below the resource group dropdown. Under 'Instance details', there is a 'Region *' dropdown menu with the value 'Germany West Central'.

3. Paste the enrollment link into the **Access Proxy Token** field.

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Basics CloudGen Access Proxy Network Instances Tags Review + create

The Access Proxy Token is obtained by creating a new CloudGen Access Proxy.
[Learn more](#)

Access Proxy Token * ⓘ

4. Select **Virtual network** and **Subnet**.

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Configure virtual networks

Virtual network * ⓘ 
[Create new](#)

Subnet * ⓘ 
[Manage subnet configuration](#)

Configure load balancer

Load Balancer Public Port ⓘ

Load Balancer Timeout ⓘ

5. Select the **Instance Size**.

6. (Optional) Enter an **SSH Public Key** to use for the Access Proxy Instances.

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Virtual Machines Settings

Instance Size ⓘ

Standard_B1s

Authentication Settings

User Name ⓘ

azureuser

SSH Public Key ⓘ

The Public Key defaults to a placeholder when the value is not provided. If needed, a Public Key can be uploaded afterwards.

[Upload key to existing instance](#)

7. (Optional) Add **Tags** to categorize the resources.

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BasicsCloudGen Access ProxyNetworkInstances**Tags**Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name ⓘ	Value ⓘ	Resource
Env	: test	All resources 
<div>Org</div>	: <div>ztna</div>	7 selected  
<div></div>	: <div></div>	7 selected 

8. Click **Create**.

[Home](#) > [Barracuda CloudGen Access Proxy](#)

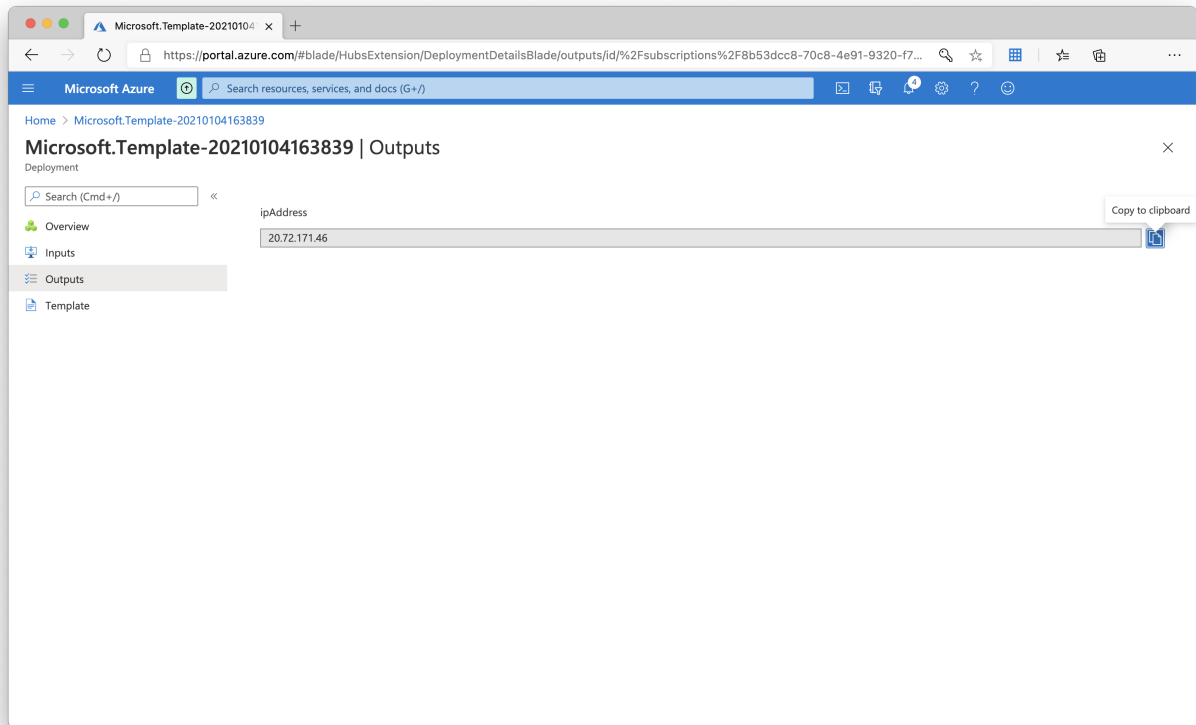
Create Barracuda CloudGen Access Proxy

 Validation Passed

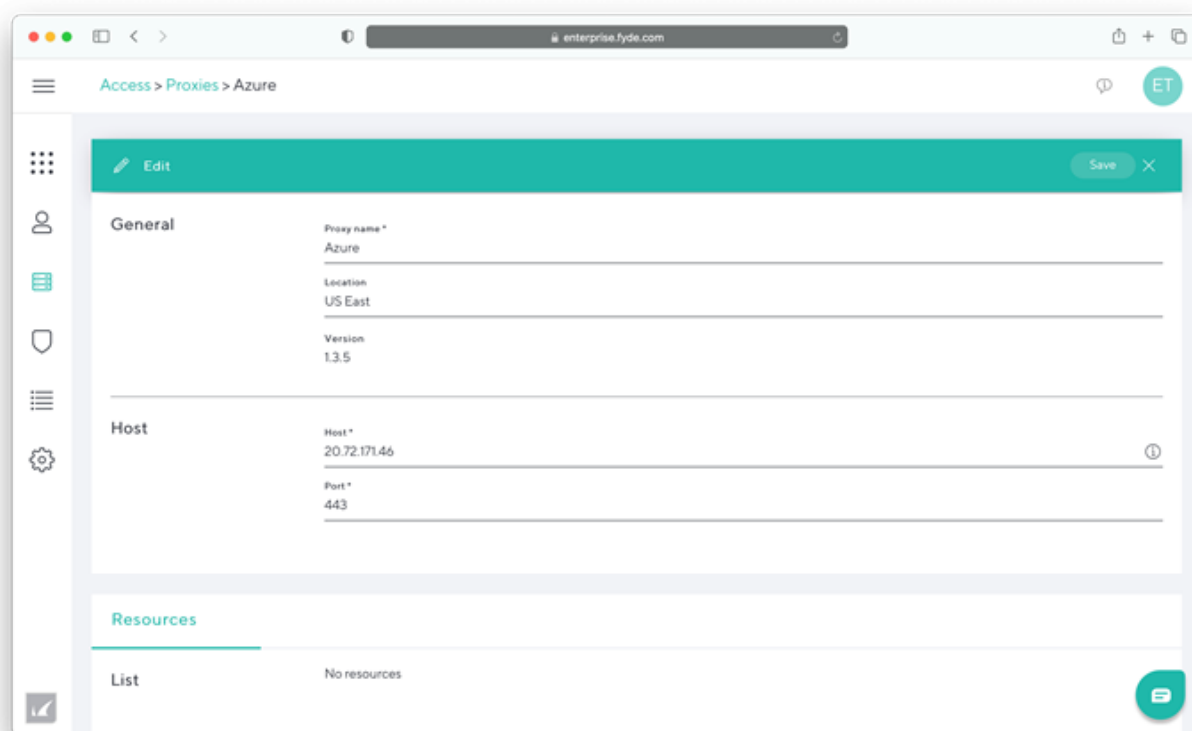
Network	
Virtual network	cga-access-proxy-dev-vnet
Subnet	default
Address prefix (Subnet)	10.2.0.0/24
Load Balancer Public Port	443
Load Balancer Timeout	15
Instances	
Instance Size	Standard_B1s
User Name	azureuser
SSH Public Key	-
Tags	
Env	test (Key vault)
Org	ztna (Key vault)
Env	test (Load balancer)
Org	ztna (Load balancer)
Env	test (Network security group)
Org	ztna (Network security group)
Env	test (Public IP address)
Org	ztna (Public IP address)
Env	test (Storage account)
Org	ztna (Storage account)
Env	test (Virtual machine scale set)
Org	ztna (Virtual machine scale set)
Env	test (Virtual network)
Org	ztna (Virtual network)

After the installation, update the created CloudGen Access Proxy host with the CloudGen Access Proxy IP address obtained in the template output resource:

1. Go to **Outputs** and copy the **ipAddress**.



2. In CloudGen Access, replace the proxy **Host** address.



3. Click **Save**.

Upgrading CloudGen Access Proxy

To upgrade your CloudGen Access Proxy to the latest version, execute the following command:

```
sudo yum upgrade fydeproxy envoy
```

Figures

1. azure-1.png
2. azure-2.png
3. azure-3.png
4. azure-4.png
5. azure-5.png
6. azure-6.png
7. install_azure_08.png
8. install_azure_09.png

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