

## How to Deploy a Proxy in Microsoft Azure

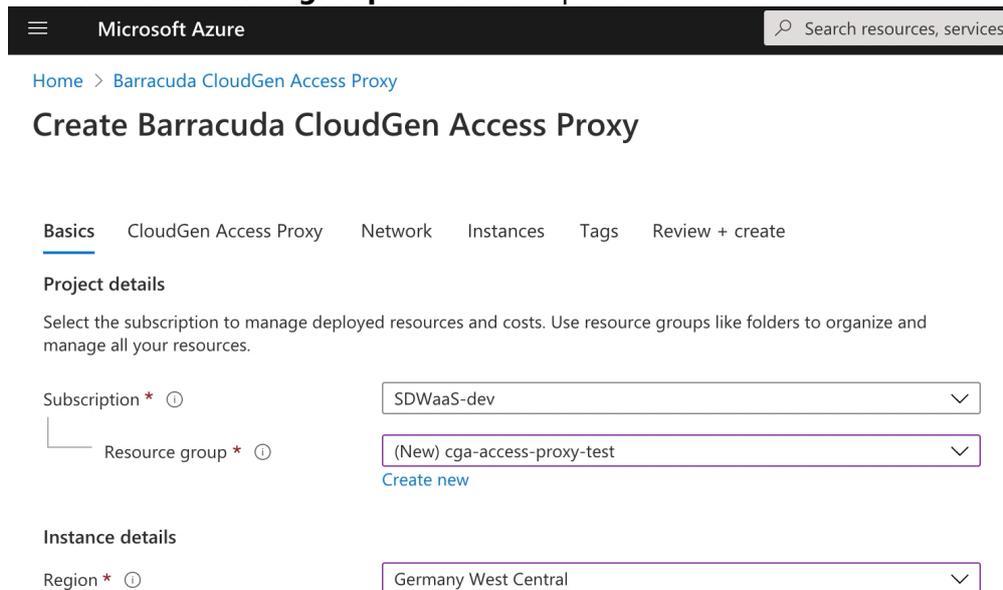
<https://campus.barracuda.com/doc/94537238/>

### 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. At the top, there is a search bar and a breadcrumb trail: 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 three dropdown menus: 'Subscription \*' with 'SDWaaS-dev' selected, 'Resource group \*' with '(New) cga-access-proxy-test' selected, and 'Region \*' with 'Germany West Central' selected. A 'Create new' link is visible below the Resource group dropdown.

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

Microsoft Azure

Home > Barracuda CloudGen Access Proxy

## Create Barracuda CloudGen Access Proxy

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**.

Microsoft Azure

Home > Barracuda CloudGen Access Proxy

## Create Barracuda CloudGen Access Proxy

Basics CloudGen Access Proxy **Network** Instances Tags Review + create

**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.

Microsoft Azure Search resources, services, e

Home > Barracuda CloudGen Access Proxy >

## Create Barracuda CloudGen Access Proxy

Basics CloudGen Access Proxy Network **Instances** Tags Review + create

**Virtual Machines Settings**

Instance Size ⓘ

**Authentication Settings**

User Name ⓘ

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.

Microsoft Azure Search resources, services, e

Home > Barracuda CloudGen Access Proxy

## Create Barracuda CloudGen Access Proxy

Basics CloudGen Access Proxy Network Instances **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
<input type="text" value="Org"/>	: <input type="text" value="ztna"/>	7 selected
<input type="text"/>	: <input type="text"/>	7 selected

8. Click **Create**.

☰ **Microsoft Azure**

[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)

**Create**

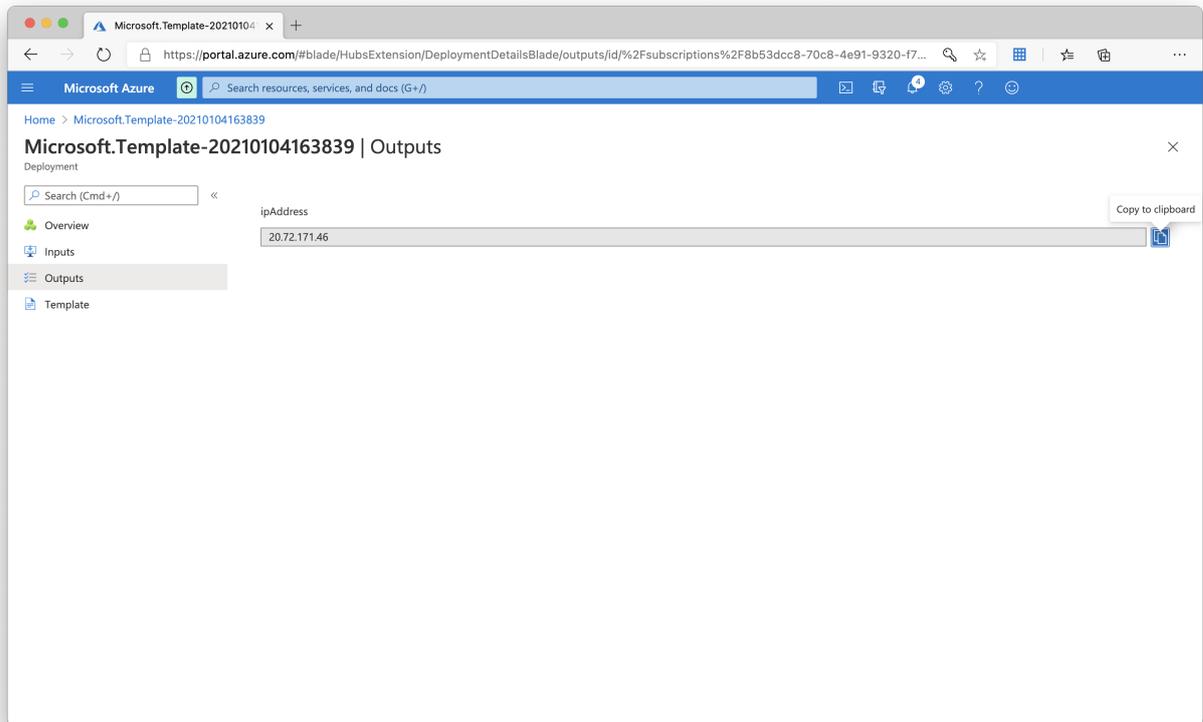
< Previous

Next

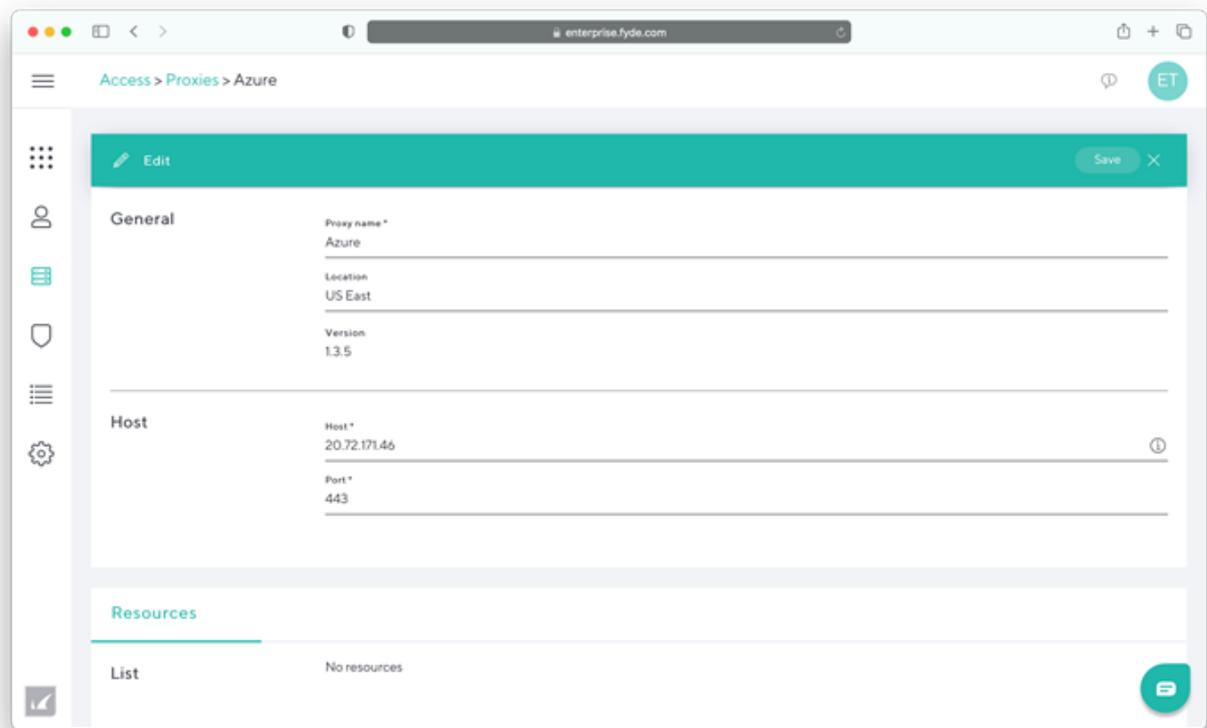
[Download a template for a](#)

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

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.