

Updating the CloudGen Access Proxy

<https://campus.barracuda.com/doc/96015637/>

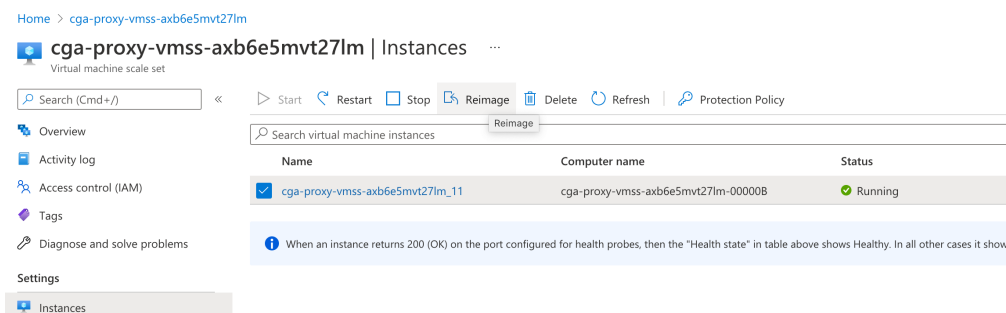
Note that it may take up to 24 hours to reflect a new version in the CloudGen Access console.

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Update CloudGen Access Proxy in Azure

If you installed the CloudGen Access Proxy by using the [Azure Marketplace template](#), you can manually update the proxy version.

1. Navigate to the related **Resource Group**.
2. Go to **Virtual machine scale set > Instances**, and select the instance.
3. Click **Reimage**.



Instances may take five to ten minutes to reach a healthy state after the update.

Update CloudGen Access Proxy in AWS

If you installed the CloudGen Access Proxy by using the AWS CloudFormation Template, perform an instance refresh.

1. Open the Amazon EC2 Auto Scaling console at

<https://console.aws.amazon.com/ec2autoscaling/>.

2. Select the checkbox next to your Auto Scaling group. A split pane opens up in the bottom part of the **Auto Scaling groups** page.
3. On the **Instance refresh** tab, in **Instance refreshes**, choose **Start instance refresh**.
4. (Optional) In the **Refresh settings** section, do the following:
 - For **Minimum healthy percentage**, keep the default value of 90, or specify a new value within the range of 0 percent to 100 percent.
 - For **Instance warmup**, specify the number of seconds before a newly launched instance is configured and ready to use. The default is to use the value for the health check grace period defined for the group.
 - Choose whether to enable checkpoints. For more information, see [Setting instance refresh checkpoint preferences](#) in the AWS documentation.
5. Click **Start**.

To check the status of an instance refresh:

- On the **Instance refresh** tab, under **Instance refreshes**, you can determine the status of your request by looking at the **Status** column. The operation goes into *Pending* status while it is initializing. The status should then quickly change to *InProgress*. When all instances are updated, the status changes to *Successful*.
- On the **Activity** tab, under **Activity history**, when the instance refresh starts, you see entries when instances are terminated and another set of entries when instances are launched. In the **Description** column, you can find the instance ID.
- On the **Instance management** tab, under **Instances**, you can verify that your instances launched successfully. Initially, your instances are in the *Pending* state. After an instance is ready to receive traffic, its state is *InService*. The **Health status** column shows the result of the health checks on your instances.

To cancel an instance refresh:

1. Open the Amazon EC2 Auto Scaling console at <https://console.aws.amazon.com/ec2autoscaling/>.
2. Select the checkbox next to the Auto Scaling group.
3. On the **Instance refresh** tab, in **Instance refreshes**, choose **Cancel instance refresh**.
4. When prompted for confirmation, click **Confirm**.

Update CloudGen Access Proxy in Bare Metal/ Virtual Machine

CentOS/RHEL

To update CloudGen Access Proxy, run the command below, and then reboot.

```
sudo yum upgrade fydeproxy envoy
```

Debian / Ubuntu

To update CloudGen Access Proxy, run the command below, and then reboot.

```
sudo apt-get update  
sudo apt-get upgrade fydeproxy envoy
```

Update CloudGen Access Proxy in Docker

When using the tag “*latest*”, ensure that you have the most recent docker images with these commands:

```
docker pull fydeinc/envoyproxy-centos:latest  
docker pull fydeinc/fydeproxy:latest
```

Next, restart the containers with this command:

```
docker restart envoy orchestrator
```

If you are using a tagged version, please check the latest version for the respective image in our docker repository: <https://hub.docker.com/u/fydeinc>.

Update CloudGen Access Proxy in Kubernetes

Examples use a deployment named *envoy* in the *cloudgen-access-proxy* namespace.

When using the tag “*latest*”, and **imagePullPolicy** is set to **Always**, restarting the deployment will start the new pods with the latest versions:

```
kubectl -n cloudgen-access-proxy rollout restart deployment envoy
```

If you are using a tagged version, please check the latest version for the respective image in our docker repository: <https://hub.docker.com/u/fydeinc> and update the deployment with the corresponding version. This triggers a rollout with the new versions:

```
kubectl -n cloudgen-access-proxy patch deployment envoy -p  
'{"spec":{"template":{"spec":{"containers":[{"name":"envoy","image":"  
fydeinc/envoyproxy-centos: 1.13.8.1"}]}}}}'
```

Update CloudGen Access Proxy on the CloudGen Firewall

The CloudGen Access Proxy cannot be manually upgraded – upgrades are installed automatically with a CloudGen Firewall upgrade. See also:

- [How to Manually Install Updates via Barracuda Firewall Admin](#)
- [How to Install Updates via SSH](#)
- To see the available updates:
 1. Log into your Barracuda Cloud Control account at <https://login.barracudanetworks.com/>.
 2. On the top menu, click **Downloads**.
 3. In the **Please Select a Product** dropdown, select *Barracuda CloudGen Firewall*.
 4. Under **Type**, select *Update*
 5. **Scope** is optional.
 6. Scroll down and select the firmware version.
 7. Scroll to the bottom of the page to see available updates.

Figures

1. azure-proxy.png

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