



# Reprovision a Virtual Machine Deployed on Cloud

The Barracuda Web Application Firewall virtual machine deployed on Microsoft Azure/Amazon Web Services can be reprovisioned using the web interface (called as WebConsconf).

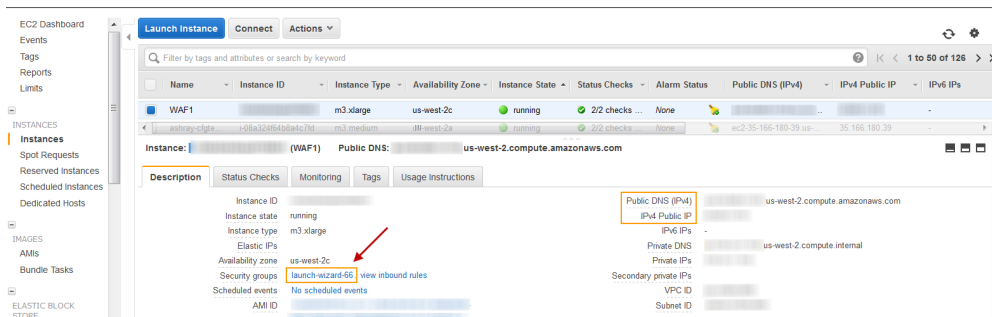
## Pre-requisites

The Barracuda Web Application Firewall virtual machine:

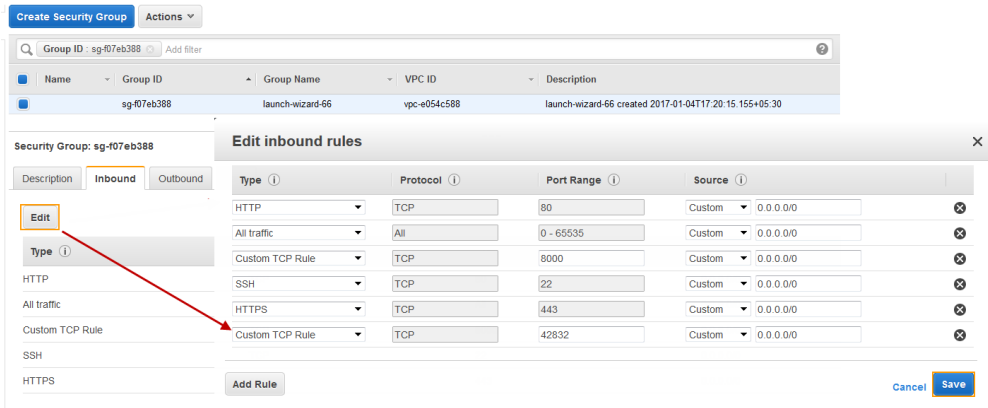
- Should have internet access to reach the Barracuda servers on port 80 and 443.
- Should not be clustered with other Barracuda Web Application Firewall virtual machine(s).
- Should have port 42832 opened in the Network Security Group on Microsoft Azure or Security Group on Amazon Web Services (Refer to the sections mentioned below).
  - [Configuring the WebConsConf Port for the Barracuda Web Application Firewall VM on Amazon Web Services](#)
  - [Configuring the WebConsConf Port for the Barracuda Web Application Firewall VM on Microsoft Azure](#)

## Configuring the WebConsConf Port for the Barracuda Web Application Firewall VM on Amazon Web Services

1. Log into the [EC2 Management Console](#).
2. From the EC2 dashboard, select **Instances** under **INSTANCES**.
3. Select the instance that needs reprovisioning from the instances table.
4. Click on the security group in the **Description** tab. Also, note down the **Public DNS (IPv4)** or **IPv4 Public IP**.

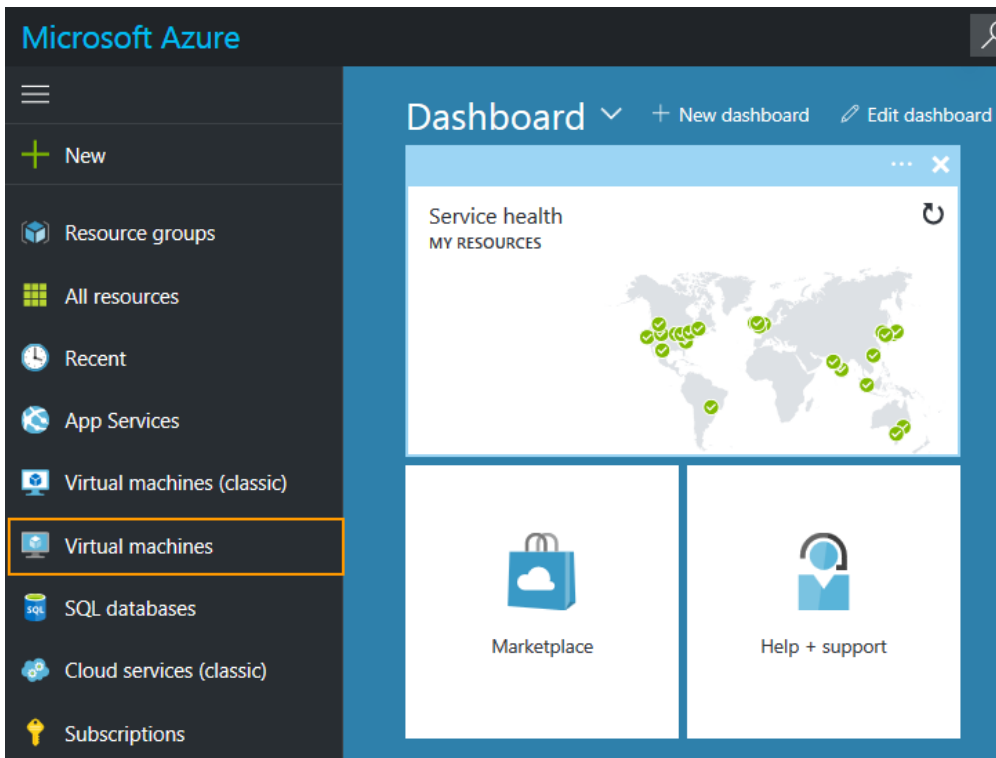


5. In the Security Group page, select the **Inbound** tab and click **Edit**.
6. In the **Edit inbound rules** window, click **Add Rule** and do the following:
  1. **Type:** Select *Custom TCP Rule*.
  2. **Port Range:** Specify *42832*.
  3. **Source:** Enter *0.0.0.0/0*
7. Click **Save**.

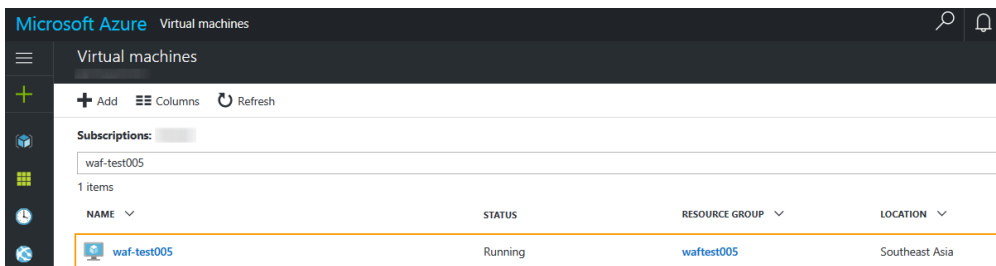


### Configuring the WebConsConf Port for the Barracuda Web Application Firewall VM on Microsoft Azure

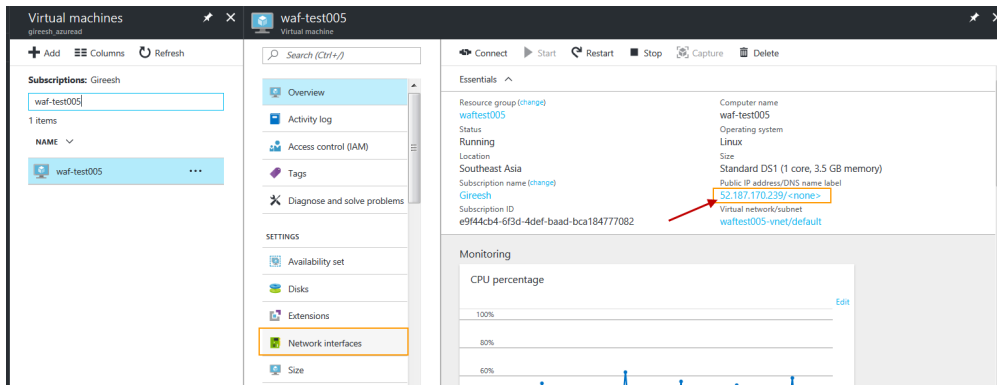
1. Log into the [Microsoft Azure Management Portal](#).
2. Click **Virtual machines** on the left panel.



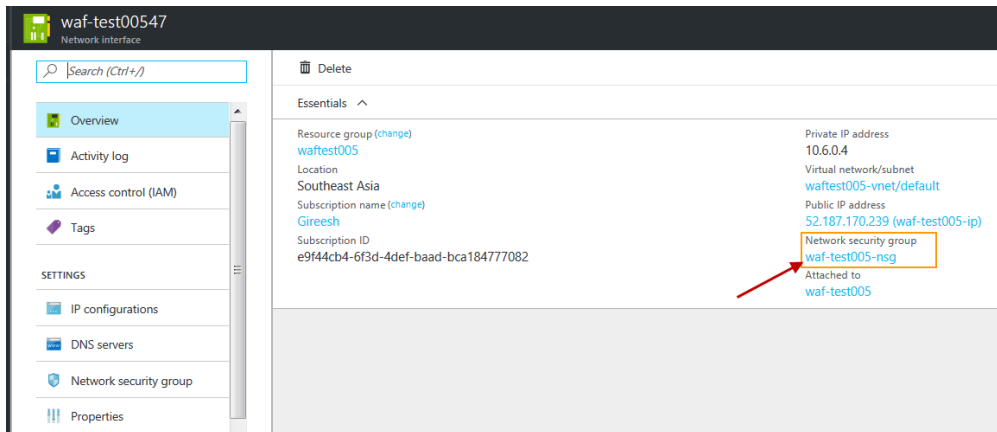
3. In the **Virtual machines** page, locate the virtual machine that you want to reprovision.



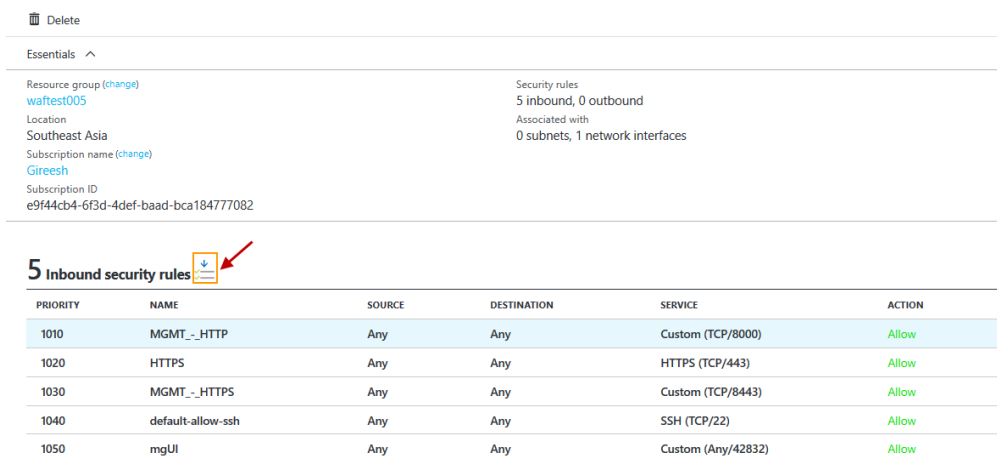
4. Click on the instance, and select **Network Interfaces**. Also, jot down the **Public IP address/DNS server label** of the Barracuda Web Application Firewall instance.



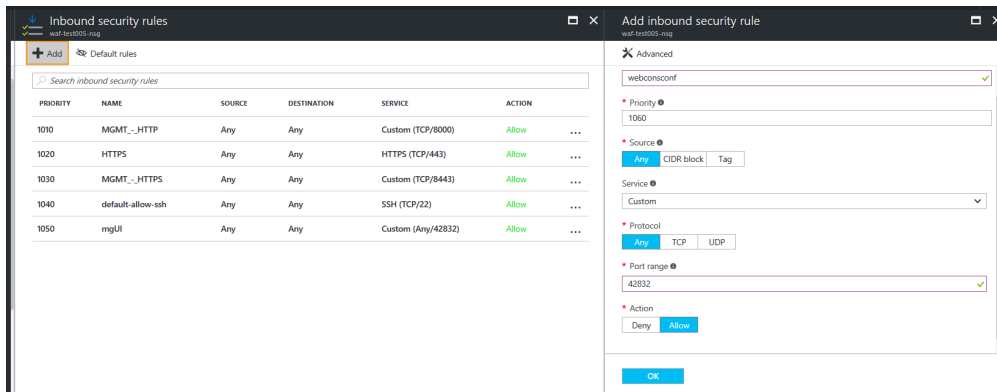
5. Click on the network interface, and select the **Network security group** associated with the interface.



6. In the **Network security group** page, click on the icon next to **Inbound security rules**.



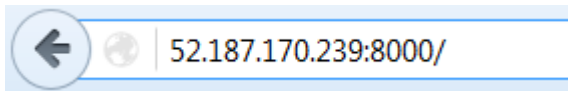
7. In the **Inbound security rules** page, click **Add**.
8. In the **Add Inbound security rule** page, do the following:
  1. **Advanced:** Enter a name.
  2. **Priority:** Set the priority order for the rule.
  3. **Source:** Any
  4. **Service:** Custom
  5. **Protocol:** Any
  6. **Port range:** 42832
  7. **Action:** Allow
9. Click **OK**.



## Reprovisioning the Barracuda Web Application Firewall virtual machine deployed on Microsoft Azure/Amazon Web Services

Perform the steps below to reprovision the Barracuda Web Application Firewall virtual machine (VM):

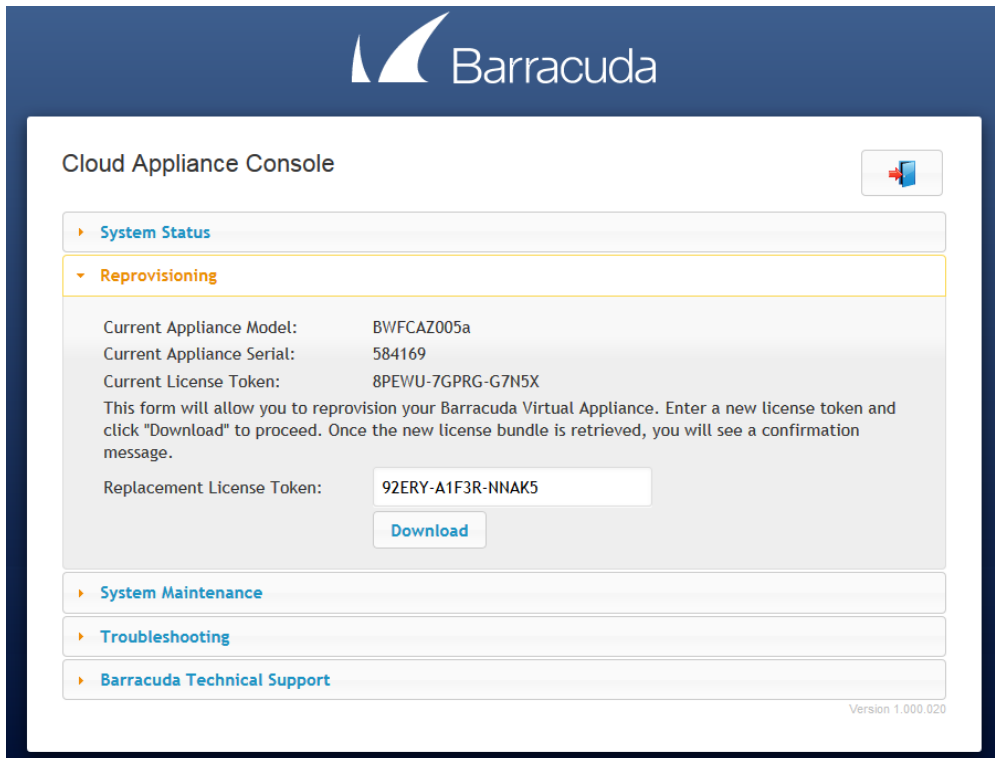
1. Open a web browser, and enter the public IP address followed by the port jotted down in the **Configuring the WebConsConf Port for the Barracuda Web Application Firewall VM on Microsoft Azure/Amazon Web Services** section.



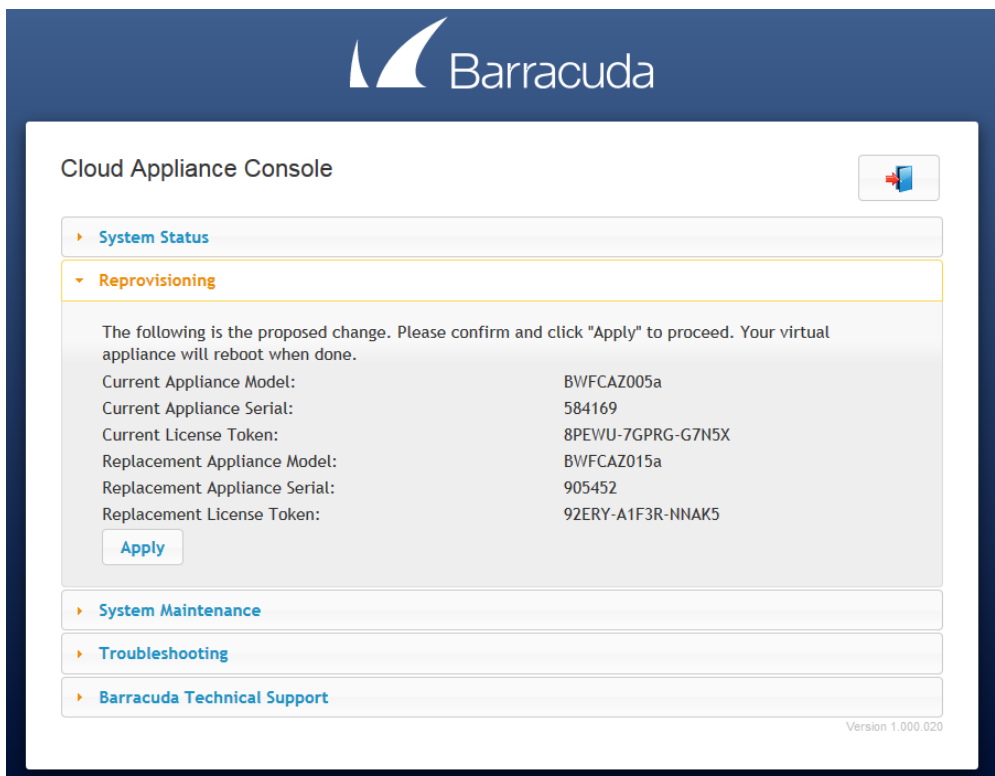
2. Log into the Barracuda Web Application Firewall web interface using the credentials.
3. Go to the **NETWORKS > ACL** page, **Auto Created System ACLs** section and check if the web conscnf rule is created with port 42832.
4. Now, open another web browser and enter the public IP address jotted down in step 4, followed by the web conscnf port (42832).
5. Log into the Cloud Appliance Console using your *admin* user credentials.



6. In the **Cloud Appliance Console** page, click **Reprovisioning** and do the following:
  1. Enter the new license key in the **Replacement License Token** text box.
  2. Click **Download**.



3. After the download is complete, click **Apply**.



7. The Barracuda Web Application Firewall virtual appliance gets provisioned with the new model and serial number.



The screenshot shows the Barracuda Cloud Appliance Console interface. At the top, the Barracuda logo is displayed. Below it, the title "Cloud Appliance Console" is visible. A navigation menu on the left includes "System Status", "Reprovisioning", "System Maintenance", "Troubleshooting", and "Barracuda Technical Support". The "Reprovisioning" section is expanded and shows a success message: "Your Barracuda Virtual Appliance has successfully been provisioned." Below this message, a table lists the new appliance details:

New Appliance Model:	BWFCAZ015a
New Serial Number:	905452

The message also states: "The Virtual Appliance is now rebooting." A "Version 1.000.020" label is located in the bottom right corner of the console area.

8. The virtual appliance reboots with the new serial number and the selected model.

The screenshot shows the Barracuda Cloud Appliance Console interface, specifically the "Reprovisioning" section. The Barracuda logo and "Cloud Appliance Console" title are at the top. The navigation menu is the same as in the previous screenshot. The "Reprovisioning" section is expanded and displays the following information:

Current Appliance Model: BWFCAZ015a  
Current Appliance Serial: 905452  
Current License Token: 92ERY-A1F3R-NNAK5

This form will allow you to reprovision your Barracuda Virtual Appliance. Enter a new license token and click "Download" to proceed. Once the new license bundle is retrieved, you will see a confirmation message.

Replacement License Token:

The "Version 1.000.020" label is visible in the bottom right corner.

