

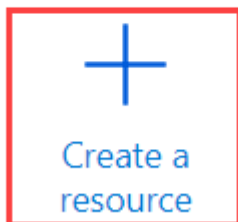
Deploying and Provisioning the Barracuda Web Application Firewall in the New Microsoft Azure Management Portal

<https://campus.barracuda.com/doc/49056904/>

Perform the following steps to deploy and provision the Barracuda Web Application Firewall using Resource Manager in the new Microsoft Azure portal:

1. Log into the [Microsoft Azure Management Portal](#).
2. Click **Create a resource** under Azure services.

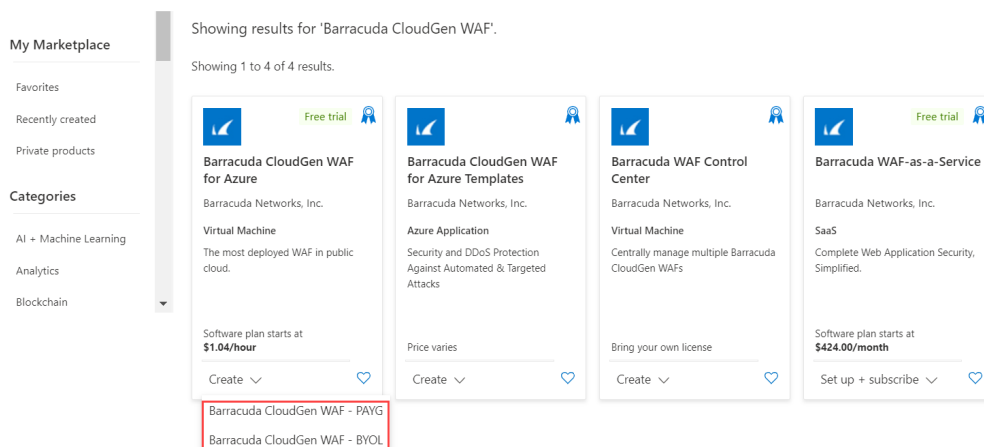
Azure services



3. In the **Search services and marketplace** text field, enter Barracuda Web Application Firewall for Azure and click **Enter**.
4. In the search results, click the **Create** drop-down list under **Barracuda Web Application Firewall for Azure** and select **Barracuda Web Application Firewall - PAYG** or **Barracuda Web Application Firewall - BYOL** as per your requirement.

[Home](#) > [Create a resource](#) >

Marketplace ...



5. In the **Create a virtual machine, Basics** page:
 1. **Project details**
 1. **Subscription:** Select the subscription you want.
 2. **Resource group:** Create a new resource group, or select a resource group from the existing **Resource group** list.
 2. **Instance details**

1. **Virtual machine name:** Enter a name for the virtual machine.
2. **Region:** Select the region where you want to deploy the virtual machine.
3. **Availability options:** Select the required option from the drop-down list.
4. **Image:** Keep the default.
5. **Size:** Select a size for the virtual machine.
3. **Administrator account**
 1. **Authentication type:** Choose **Password** and enter a password for the authentication. Note that this will be your password to access the Barracuda Web Application Firewall web interface.
 2. **Username:** Enter a username. Note: This entry is not used by the Barracuda Web Application Firewall.
 3. **Password:** Enter the password.
 4. **Confirm Password:** Re-enter the password.

6. Click **Next : Disks**.

[Home](#) > [Create a resource](#) > [Marketplace](#) >

Create a virtual machine ...

[Basics](#) [Disks](#) [Networking](#) [Management](#) [Advanced](#) [Tags](#) [Review + create](#)

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

| | |
|------------------|--|
| Subscription * | <input type="text"/> |
| Resource group * | <input type="text" value="(New) rs-waf-cloudgen"/> |
| | Create new |

Instance details

| | |
|------------------------|--|
| Virtual machine name * | <input type="text" value="waf-cloudgen"/> |
| Region * | <input type="text" value="(US) Central US"/> |
| Availability options | <input type="text" value="No infrastructure redundancy required"/> |
| Image * | <input checked="" type="checkbox"/> Barracuda CloudGen WAF - BYOL - Gen1 |

[See all images](#)

[Review + create](#)

[< Previous](#)

[Next : Disks >](#)

7. In the **Create virtual machine, Disks** page:

1. Select the disk options and data disks as per your requirement.

8. Click **Next : Networking**.

Create a virtual machine ...

Basics **Disks** Networking Management Advanced Tags Review + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

Disk options

OS disk type *

Encryption type *

Enable Ultra Disk compatibility ☐ Ultra disk is not supported for the selected VM size Standard_D1 in Central US.

Data disks

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

| LUN | Name | Size (GiB) | Disk type | Host caching |
|--|------|------------|-----------|--------------|
| Create and attach a new disk Attach an existing disk | | | | |

Advanced

Review + create

< Previous

Next : Networking >

9. In the **Create virtual machine, Networking** page:

1. Network interface

1. **Virtual network:** Configure or select the network in which you want to deploy the Barracuda Web Application Firewall.
2. **Subnet:** Configure or select the subnet in which you want to deploy the Barracuda Web Application Firewall.
3. **Public IP:** Configure or select the public IP address to the Barracuda Web Application Firewall.
4. **NIC network security group:** Keep the default value.
5. **Configure network security group:** By default, port 8000 (TCP) and port 443 (TCP) will be opened as in your **Security Group** to access the web interface of the Barracuda Web Application Firewall. Configure additional rules that you want to use for creating services on the Barracuda Web Application Firewall.

Microsoft Azure opens TCP/22 port by default in "Inbound security rules" under **Network security group** when the Barracuda Web Application Firewall is deployed. For security reasons, ensure it is deleted from the security group after the instance is deployed.

2. **Load balancing:** Select the check box if you want to place the virtual machine behind an existing load balancing solution.

10. Click **Next : Management**.

Create a virtual machine ...


Basics Disks Networking Management Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

| | |
|----------------------------|--|
| Virtual network * | (new) rs-waf-cloudgen-vnet |
| | Create new |
| Subnet * | |
| Public IP | (new) waf-cloudgen-ip |
| | Create new |
| NIC network security group | <input type="radio"/> None <input type="radio"/> Basic <input checked="" type="radio"/> Advanced |

 This VM image has preconfigured NSG rules

[Review + create](#)

[< Previous](#)

[Next : Management >](#)

11. In the **Create a virtual machine, Management** page:
 1. **Boot diagnostics**: Set the default values.
 2. Other configurations are not required.
12. Click **Next : Advanced**.
13. In the **Create a virtual machine, Advanced** page:
 1. No configuration is required..
14. Click **Next : Tags**.
15. In the **Create a virtual machine, Tags** page:
 1. Add the required tags and click **Next : Review + create**.
16. In the **Create a virtual machine, Review + create** page, review the configuration settings and click **Create**.

Create a virtual machine ...

✓ Validation passed

| | |
|----------------------|---------------------------------------|
| Subscription | |
| Resource group | (new) rs-waf-cloudgen |
| Virtual machine name | waf-cloudgen |
| Region | Central US |
| Availability options | No infrastructure redundancy required |
| Image | Barracuda CloudGen WAF - BYOL - Gen1 |
| Size | Standard D1 (1 vcpu, 3.5 GiB memory) |
| Authentication type | Password |
| Username | azure |
| Azure Spot | No |

Disks

| | |
|-------------------|------------------|
| OS disk type | Standard SSD LRS |
| Use managed disks | Yes |
| Ephemeral OS disk | No |

Networking

| | |
|-----------------|----------------------------|
| Virtual network | (new) rs-waf-cloudgen-vnet |
|-----------------|----------------------------|

Create

< Previous

Next >

[Download a template for automation](#)

After you click **Create**, Microsoft Azure begins provisioning the Barracuda Web Application Firewall. You can check the status of the provisioned Barracuda Web Application Firewall from the [Microsoft Azure Portal](#). Allow a few minutes before taking any further actions in the portal. During this time, the Microsoft Azure Linux Agent and Barracuda Web Application Firewall image boots up.

Do not restart the Barracuda Web Application Firewall while it is provisioning.

Next Step

Continue with the [Barracuda Web Application Firewall Quick Start Guide - Microsoft Azure](#) for licensing and initial configuration of your virtual machine.

Figures

1. Azure_services.png
2. Barracuda_CloudGen_WAF_for_Azure.png
3. Basics.png
4. Disks.png
5. Networking.png
6. Review.png

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