
Azure Single Instance Deployment with Consolidated ARM Template

<https://campus.barracuda.com/doc/79468355/>

This template can be used to deploy single BYoL or PAYG instances that have either single NICs or multiple NICs with single or multiple IP addresses. This template replaces the following legacy templates:

- Deploying Single Instance with Single NIC and IP - BYoL and PAYG
- Deploying Single Instance with Multi NIC/ Multi IP - BYoL and PAYG

Deploying Single Instance with Single NIC and IP - BYoL and PAYG

Perform the following steps to deploy the Barracuda CloudGen WAF Single NIC instance:

1. Log into the [Microsoft Azure Portal](#).
2. Click **Marketplace** at the bottom of the screen.
3. In the **Everything** page, type *Barracuda CloudGen WAF Template* in the **Search** text field.
4. In the search results, select **Barracuda CloudGen WAF Template (PAYG/BYOL)**.
5. In the **Barracuda CloudGen WAF Template (PAYG/BYOL)** page:
 1. Read the product overview.
 2. Click **Create**.

Barracuda CloudGen WAF Template (PAYG/BYOL) (Stag...

Barracuda Networks, Inc.

The Barracuda CloudGen WAF for Azure inspects inbound web traffic and blocks many attacks targeted at your applications. It also prevents data loss by inspecting outgoing server responses. The integrated access control engine lets you easily create granular access control policies for Authentication, Authorization and; Accounting (AAA), giving you strong authentication and user control. The built-in Barracuda Vulnerability Remediation Service automates vulnerability scanning and remediation, simplifies ongoing maintenance and accelerates development cycles making the Barracuda CloudGen WAF the ideal app security solution for Dev/Ops environments. Onboard L4/L7 load balancing capabilities let you quickly add back-end servers to scale deployments.

Application acceleration capabilities include SSL offloading, caching, compression, and connection pooling.

Highlights:

- Fully automated deployments using REST API and Azure ARM Templates
- Detects and prevents OWASP Top Ten threats against your applications
- Granular authentication and access control
- Scans your websites and applications for vulnerabilities and provides virtual patching
- Active DDoS prevention stops volumetric and application DDoS attacks before they reach your firewall

Free Vulnerability Scan: Click [here](#) to use Barracuda Vulnerability Manager to discover vulnerabilities in your applications. You can then import the report into your Barracuda CloudGen WAF to configure and virtually patch all vulnerabilities.

Deploy Resources

This deploys a Barracuda CloudGen WAF in your Azure virtual network and protect your website from attack, protect your data from theft, and help your organization scale. During deployment, you can choose the following options:

- Billing Method : Hourly or Bring Your Own License (BYOL)
- Deployment Method: Single NIC or Multi NIC/Multi IP

If you choose the BYOL method, you will need to acquire a license from Barracuda Networks before proceeding.

Getting Started

As a Linux-based security appliance, there are a few differences between it and a typical server running on Azure:

- Appliance administration is typically done via a web user interface pointed at `http://[DNS]:8000` or `http://[PublicIP]:8000`

Create

6. In the **Create Barracuda CloudGen WAF Template (PAYG/PAYG) > 1 Basics** page:
 1. **Barracuda CloudGen WAF Instance Host Name:** Enter a host name for the Barracuda CloudGen WAF instance.
 2. **Password:** Enter a password for authentication. This will be your password to access the Barracuda CloudGen WAF web interface.
 3. **Confirm Password:** Re-enter the password for confirmation.
 4. **Billing Method:** Select the billing method from the drop-down.
 5. **Firmware Version:** From the drop-down list, select the firmware version on which your instance is deployed.
 6. **Number of interfaces for the instance:** Select **Single NIC** interface for the instance.
 7. **Subscription :** Select the subscription from the drop-down list.
 8. **Resource group:** Create a new resource group or select a resource group that is empty from the existing **Resource group** list.
 9. **Location:** Select a location for the Barracuda CloudGen WAF.
 10. Click **OK**.

Dashboard > Marketplace > Everything > Barracuda CloudGen WAF Template (PAYG/BYOL) (Staged) (

Create Barracuda CloudGen...

- 1** Basics
 Configure basic settings >
- 2** Deployment Options
 Define the various deployment... >
- 3** Summary
 Barracuda CloudGen WAF Tem... >
- 4** Buy >

Basics

- * Barracuda CloudGen WAF Instance Host Name ?
- * Password ?
 ✓
- * Confirm password ?
 ✓
- * Billing Method ?
- * Firmware Version ?
- * Number of interfaces for the instance ?
- Subscription
- * Resource group ?
 ✓
[Create new](#)
- * Location

OK

OK

7. In the **Create Barracuda CloudGen WAF Template (PAYG/BYOL) > 2 Deployment Options** page:

1. **Barracuda CloudGen WAF Instance Size:** Select a size for the instance.
2. **Storage Account:** Create a new storage account or select a storage account from the existing **Storage account** list.

The storage account should be in the same region where the Barracuda CloudGen WAF instance needs to be deployed.
3. **Virtual network:** Create a new virtual network, or select a virtual network from the existing Virtual network list in which you want to deploy the Barracuda CloudGen WAF.

4. **Subnets:** Review the subnet configuration and modify if required.
 5. **New Public IP address name:** Enter a name for the public IP address associated with the Barracuda CloudGen WAF VMSS.
 6. **Domain name for accessing the Barracuda CloudGen WAF:** Enter the domain for the Barracuda CloudGen WAF VMSS.
 7. **Boot diagnostics:** When **Enabled**, the boot up debug logs gets saved in the specified storage account.
 1. Click **OK**.
8. In the **Create Barracuda WAF Template (PAYG/BYOL) > 7 Summary** page, verify the values you entered and click **OK**.

Deploying Single Instance with Multi NIC and IP - BYoL and PAYG

Perform the following steps to deploy the Barracuda CloudGen WAF Multi NIC instance:

1. Log into the [Microsoft Azure Portal](#).
2. Click **Marketplace** at the bottom of the screen.
3. In the **Everything** page, type *Barracuda CloudGen WAF Template* in the **Search** text field.
4. In the search results, select **Barracuda CloudGen WAF Template (PAYG/BYOL)**.
5. In the **Barracuda CloudGen WAF Template (PAYG/BYOL)** page:
 1. Read the product overview.
 2. Click **Create**.

Barracuda CloudGen WAF Template (PAYG/BYOL) (Stag...

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Create

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 2. **Password:** Enter a password for authentication. This will be your password to access the Barracuda CloudGen WAF web interface.
 3. **Confirm Password:** Re-enter the password for confirmation.
 4. **Billing Method:** Select the billing method from the drop-down.
 5. **Firmware Version:** From the drop-down list, select the firmware version on which your instance is deployed.
 6. **Number of interfaces for the instance:** Select **Multi NIC** interface for the instance.
 7. **Subscription :** Select the subscription from the drop-down list.
 8. **Resource group:** Create a new resource group or select a resource group that is empty from the existing **Resource group** list.
 9. **Location:** Select a location for the Barracuda CloudGen WAF.
 10. Click **OK**.

Home > Marketplace > Everything > Barracuda CloudGen WAF Template (PAYG/BYOL) (Staged) (prev)

Create Barracuda CloudGen...

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Basics

- * Barracuda CloudGen WAF Instance Host Name
- * Password ✓
- * Confirm password ✓
- * Billing Method ▼
- * Firmware Version ▼
- * Number of interfaces for the instance ▼

Subscription

 ▼

- * Resource group ▼
- [Create new](#)
- * Location ▼

7. In the **Create Barracuda CloudGen WAF Template (PAYG/BYOL) > 2 Deployment Options** page:

1. **Barracuda CloudGen WAF Instance Size:** Select a size for the instance.
2. **Storage Account:** Create a new storage account or select a storage account from the existing **Storage account** list.

The storage account should be in the same region where the Barracuda CloudGen WAF instance needs to be deployed.

3. **Virtual network:** Create a new virtual network, or select a virtual network from the

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8. In the **Create Barracuda WAF Template (PAYG/BYOL) > 7 Summary** page, verify the values you entered and click **OK**.

Figures

1. 1.1create.png
2. 1SingleBYOL.png
3. 1.1create.png
4. 1MultiBYOL.png

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