How to Deploy the Barracuda Email Security Gateway on Microsoft Azure

https://campus.barracuda.com/doc/41106135/

This guide walks you through the steps to deploy and provision the Barracuda Email Security Gateway on Microsoft Azure.

Microsoft Azure charges apply. For more information, see the Microsoft Azure Pricing Calculator.
Important: If you need to add additional storage after deployment:

- For Barracuda virtual machines purchased through the Microsoft Azure Marketplace as of February 2015, you must create a new attached drive.
- For earlier deployments, you cannot attach new storage.

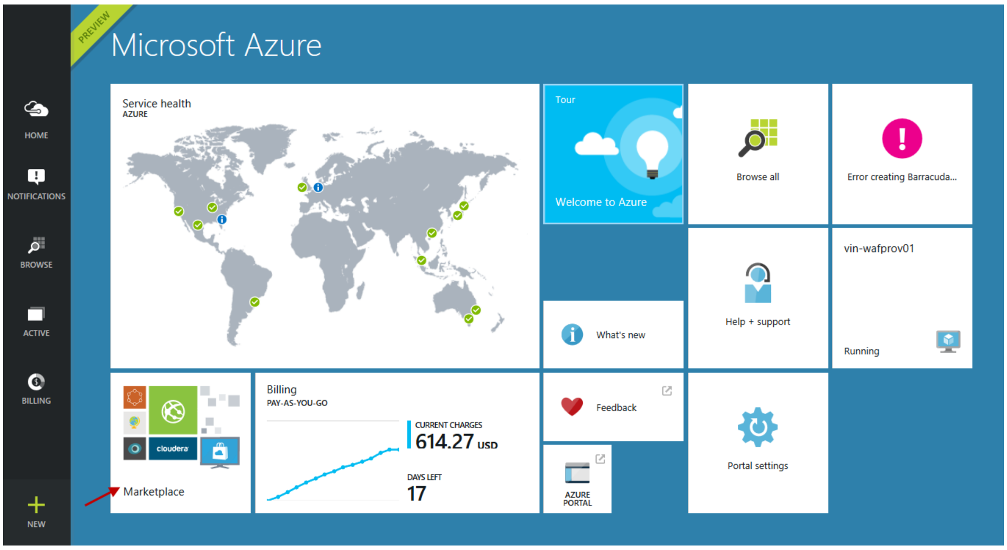
In this article

Before You Begin

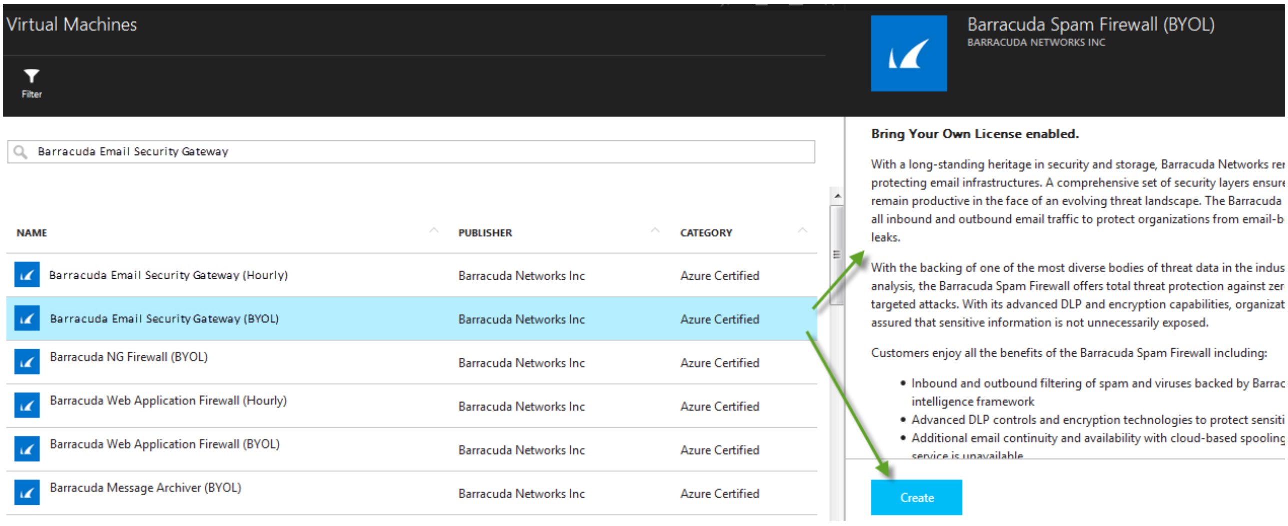
If your organization does not have an Azure account, go to the Microsoft Azure purchase options page, and follow the onscreen instructions to create an account.

Deploy and Provision the Barracuda Email Security Gateway

1. Log into the Microsoft Azure Management Portal.
2. Click **Marketplace** at the bottom of the screen.



3. In the **Marketplace** window, select **Virtual Machines** and enter *Barracuda Email Security Gateway* in the text field.



NAME	PUBLISHER	CATEGORY
Barracuda Email Security Gateway (Hourly)	Barracuda Networks Inc	Azure Certified
Barracuda Email Security Gateway (BYOL)	Barracuda Networks Inc	Azure Certified
Barracuda NG Firewall (BYOL)	Barracuda Networks Inc	Azure Certified
Barracuda Web Application Firewall (Hourly)	Barracuda Networks Inc	Azure Certified
Barracuda Web Application Firewall (BYOL)	Barracuda Networks Inc	Azure Certified
Barracuda Message Archiver (BYOL)	Barracuda Networks Inc	Azure Certified

Barracuda Spam Firewall (BYOL)
BARRACUDA NETWORKS INC

Bring Your Own License enabled.

With a long-standing heritage in security and storage, Barracuda Networks rer
protecting email infrastructures. A comprehensive set of security layers ensure
remain productive in the face of an evolving threat landscape. The Barracuda
all inbound and outbound email traffic to protect organizations from email-b
leaks.

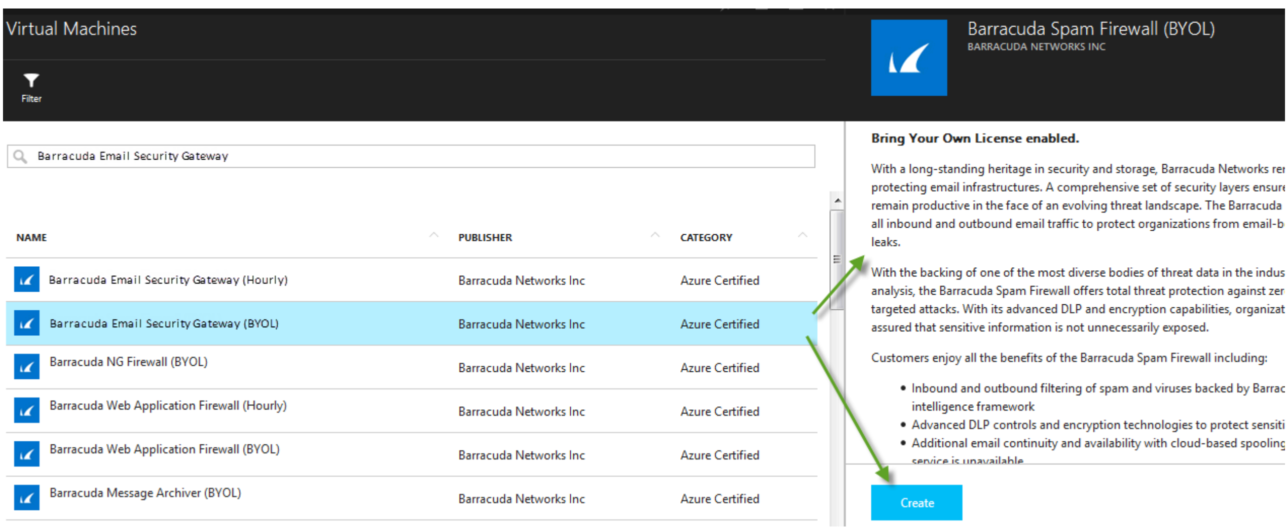
With the backing of one of the most diverse bodies of threat data in the indus
analysis, the Barracuda Spam Firewall offers total threat protection against zer
targeted attacks. With its advanced DLP and encryption capabilities, organizat
assured that sensitive information is not unnecessarily exposed.

Customers enjoy all the benefits of the Barracuda Spam Firewall including:

- Inbound and outbound filtering of spam and viruses backed by Barrac intelligence framework
- Advanced DLP controls and encryption technologies to protect sensiti
- Additional email continuity and availability with cloud-based spooling service is unavailable

4. Mouse over the search result and select Barracuda Email Security Gateway (**BYOL** or **Hourly/Metered** as per your requirement). Read the product overview, and then click **Create.**

> If you want to deploy a BYOL image, select the **Barracuda Email Security Gateway (BYOL)** image.



Barracuda Email Security Gateway

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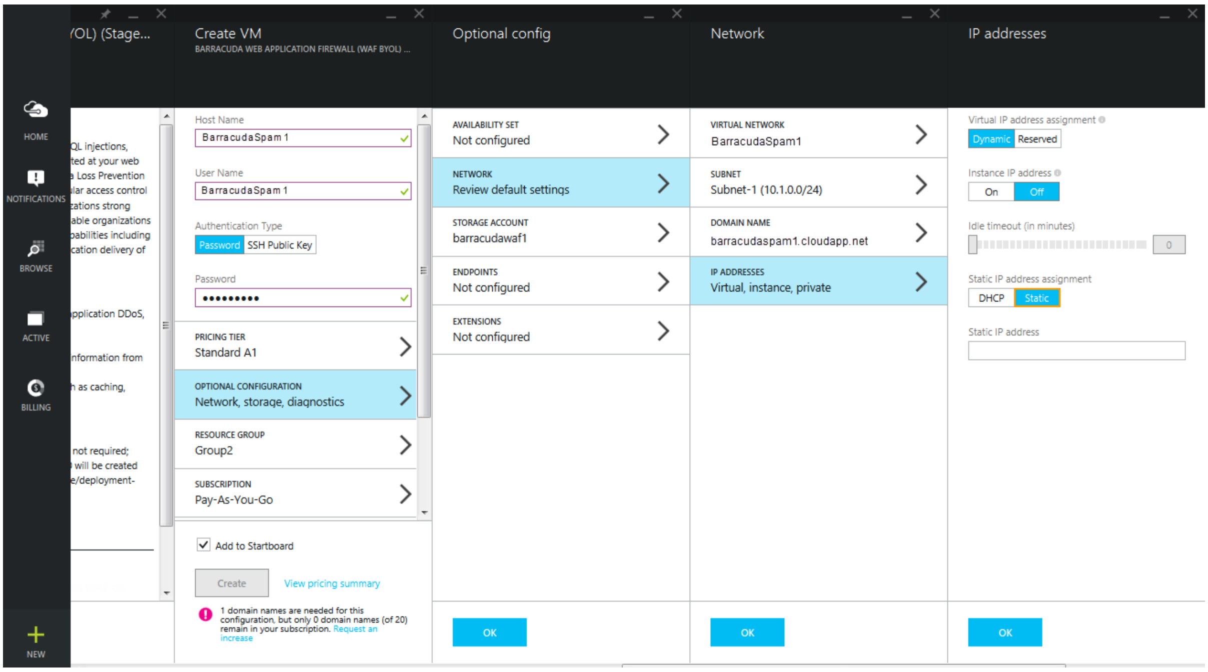
service is unavailable

5. On the **Create VM** page:
    1. Enter the host name in the **HOST NAME** field.
    2. Enter a username in the **USER NAME** field . This entry is not used by the Barracuda Email Security Gateway.
    3. Under Authentication Type, choose **SSH Public Key** or **Password** based on your selection. Note that this entry will not be used by the Barracuda Email Security Gateway.
    4. Select the **PRICING TIER** based on your requirement.
    5. In the **OPTIONAL CONFIGURATION** section, do the following:
        1. **AVAILABILITY SET** - Configure as per your requirement.
        2. **NETWORK** - Configure the network in which you want to deploy the Barracuda Email Security Gateway. Ensure it is in the same network as your web servers.
        3. **STORAGE ACCOUNT** - Select an existing storage account or create a storage account
        4. **ENDPOINTS** - By default, port 8000 (TCP) and port 443 (TCP) will be opened as endpoints to access the web interface of the Barracuda Email Security Gateway. Port 25 (TCP) is also opened by default. Configure additional endpoints if needed on the Barracuda Email Security Gateway.
        5. **EXTENSIONS** - Do not add any extension, as the Barracuda Email Security Gateway does not support extensions.
    6. Select a group in **RESOURCE GROUP**.
    7. Choose the subscription for the instance and click **Create**.



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information from

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not required;
will be created
e/deployment-

Create VM
BARRACUDA WEB APPLICATION FIREWALL (WAF BYOL) ...

Host Name: BarracudaSpam1
User Name: BarracudaSpam1
Authentication Type: Password | SSH Public Key
Password: ●●●●●●●●●
PRICING TIER: Standard A1
OPTIONAL CONFIGURATION: Network, storage, diagnostics
RESOURCE GROUP: Group2
SUBSCRIPTION: Pay-As-You-Go

☑ Add to Startboard

Create | View pricing summary

1 domain names are needed for this configuration, but only 0 domain names (of 20) remain in your subscription. Request an increase

Optional config

AVAILABILITY SET: Not configured
NETWORK: Review default settings
STORAGE ACCOUNT: barracudawaf1
ENDPOINTS: Not configured
EXTENSIONS: Not configured

OK

Network

VIRTUAL NETWORK: BarracudaSpam1
SUBNET: Subnet-1 (10.1.0.0/24)
DOMAIN NAME: barracudaspam1.cloudapp.net
IP ADDRESSES: Virtual, instance, private

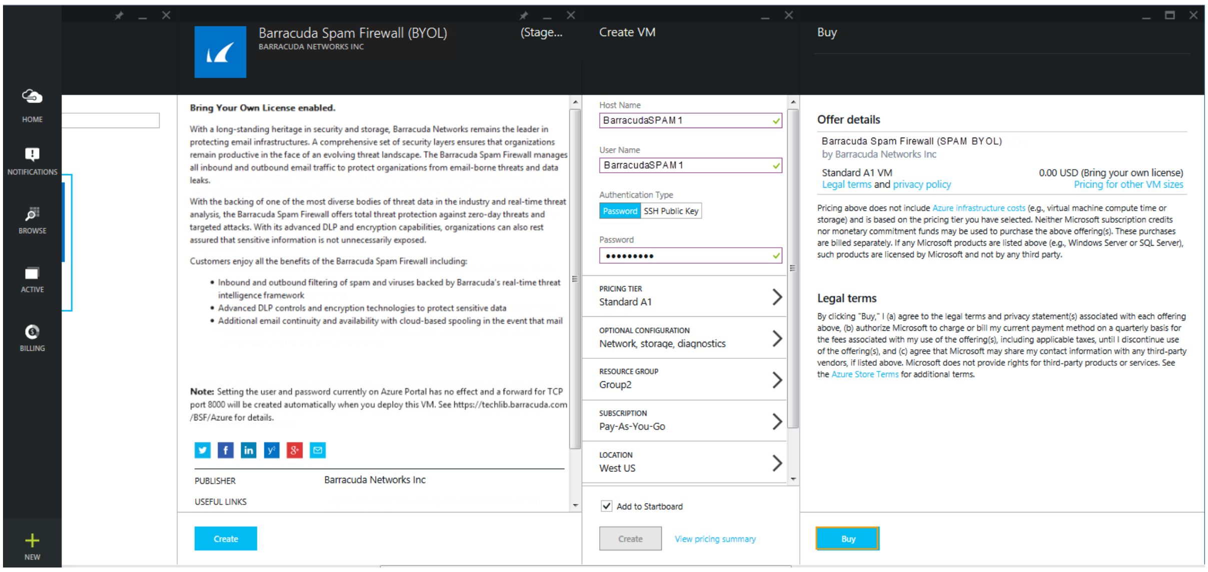
OK

IP addresses

Virtual IP address assignment: Dynamic | Reserved
Instance IP address: On | Off
Idle timeout (in minutes): 0
Static IP address assignment: DHCP | Static
Static IP address:

OK

8. Read the legal terms in the Buy page and click **Buy** to complete the deployment.



Barracuda Spam Firewall (BYOL)
BARRACUDA NETWORKS INC

Bring Your Own License enabled.

With a long-standing heritage in security and storage, Barracuda Networks remains the leader in protecting email infrastructures. A comprehensive set of security layers ensures that organizations remain productive in the face of an evolving threat landscape. The Barracuda Spam Firewall manages all inbound and outbound email traffic to protect organizations from email-borne threats and data leaks.

With the backing of one of the most diverse bodies of threat data in the industry and real-time threat analysis, the Barracuda Spam Firewall offers total threat protection against zero-day threats and targeted attacks. With its advanced DLP and encryption capabilities, organizations can also rest assured that sensitive information is not unnecessarily exposed.

Customers enjoy all the benefits of the Barracuda Spam Firewall including:

- Inbound and outbound filtering of spam and viruses backed by Barracuda's real-time threat intelligence framework
- Advanced DLP controls and encryption technologies to protect sensitive data
- Additional email continuity and availability with cloud-based spooling in the event that mail

Note: Setting the user and password currently on Azure Portal has no effect and a forward for TCP port 8000 will be created automatically when you deploy this VM. See https://techlib.barracuda.com/BSF/Azure for details.

PUBLISHER: Barracuda Networks Inc
USEFUL LINKS

Create

(Stage...

Create VM

Host Name: BarracudaSPAM1
User Name: BarracudaSPAM1
Authentication Type: Password | SSH Public Key
Password: ●●●●●●●●●
PRICING TIER: Standard A1
OPTIONAL CONFIGURATION: Network, storage, diagnostics
RESOURCE GROUP: Group2
SUBSCRIPTION: Pay-As-You-Go
LOCATION: West US

☑ Add to Startboard

Create | View pricing summary

Buy

Offer details

Barracuda Spam Firewall (SPAM BYOL)
by Barracuda Networks Inc

Standard A1 VM — 0.00 USD (Bring your own license)
Legal terms and privacy policy — Pricing for other VM sizes

Pricing above does not include Azure infrastructure costs (e.g., virtual machine compute time or storage) and is based on the pricing tier you have selected. Neither Microsoft subscription credits nor monetary commitment funds may be used to purchase the above offering(s). These purchases are billed separately. If any Microsoft products are listed above (e.g., Windows Server or SQL Server), such products are licensed by Microsoft and not by any third party.

Legal terms

By clicking "Buy," I (a) agree to the legal terms and privacy statement(s) associated with each offering above, (b) authorize Microsoft to charge or bill my current payment method on a quarterly basis for the fees associated with my use of the offering(s), including applicable taxes, until I discontinue use of the offering(s), and (c) agree that Microsoft may share my contact information with any third-party vendors, if listed above. Microsoft does not provide rights for third-party products or services. See the Azure Store Terms for additional terms.

Buy

After clicking **Buy**, Microsoft Azure begins provisioning the Barracuda Email Security Gateway. You can check the status of provisioning 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 Email Security Gateway image boot up.

Make sure you do not restart the Barracuda Email Security Gateway while it is provisioning.

Next Step

Continue with the Barracuda Email Security Gateway Quick Start Guide on Microsoft Azure.

Figures

1. Mircrosoft_Azure_Home_page.png
2. BESG_BYOL_and_Hourly_.png
3. BESG_BYOL_and_Hourly_.png
4. Spam_Create_VM.png
5. SPAM_Buy.png