

# Deploy the Braintrace Dragonfly Appliance in Azure

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The following procedures explain how to deploy an Azure virtual machine to facilitate the Dragonfly appliance installation in a Microsoft Azure environment. These steps will create a virtual machine that will connect to the Braintrace repositories to finish the Dragonfly appliance installation.

1. In Azure, Add a new Virtual machine.
2. From the Azure Marketplace choose **Ubuntu Server 18.04 LTS**
3. Set your Resource Group
4. Set the Virtual machine name to: **Dragonfly**
5. Choose the size, most deployments require: **Standard\_B2s - 2 vcpus, 4 GiB memory**
6. Set the Authentication type to: **Password**
7. Set the Username to: **btadmin**
8. Set the Password to: **dR@g0nFly1n!t**
9. Set Public inbound ports to: **None**
10. Set the OS disk type to: **Standard HDD**
11. Accept the Encryption type Default: (Default) Encryption at-rest with a platform-managed key



**Ubuntu Server 18.04 LTS**  
[Create](#) | [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 \* ⓘ Pay-As-You-Go ▼

Resource group \* ⓘ DRAGONFLY ▼  
[Create new](#)

## Instance details

Virtual machine name \* ⓘ Dragonfly ✓

Region \* ⓘ (US) West US ▼

Availability options ⓘ No infrastructure redundancy required ▼

Image \* ⓘ Ubuntu Server 18.04 LTS - Gen1 ▼  
[See all images](#)

Azure Spot instance ⓘ ☐

Size \* ⓘ Standard\_B2s - 2 vcpus, 4 GiB memory (\$36.21/month) ▼  
[See all sizes](#)

## Administrator account

Authentication type ⓘ ☐ SSH public key  
☒ Password

Username \* ⓘ btadmin ✓

Password \* ⓘ \*\*\*\*\* ✓

Confirm password \* ⓘ \*\*\*\*\* ✓

## Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports \* ⓘ ☒ None  
☐ Allow selected ports

Select inbound ports Select one or more ports ▼

**i** All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

## Disk options

OS disk type \* ⓘ Standard HDD ▼  
 The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

Encryption type \* (Default) Encryption at-rest with a platform-managed key ▼

Enable Ultra Disk compatibility ⓘ ☐

## 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
<a href="#">Create and attach a new disk</a>		<a href="#">Attach an existing disk</a>		

12. Choose the Virtual network for the Dragonfly Appliance, this network should be able to receive span traffic from your monitored networks.

13. Choose your Subnet

14. Choose a (new) Public IP

15. Set the NIC network security group to: **Basic**

16. Set the Public inbound ports to: **None**

17. Accept the defaults on the Management Tab

18. Add the following cloud-init config to the Custom data box on the Advanced Tab.

#### Network interface

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

Virtual network *	<div> <div>DRAGONFLY-vnet</div> <div>▼</div> </div> <a href="#">Create new</a>
Subnet *	<div> <div>default (10.1.0.0/24)</div> <div>▼</div> </div> <a href="#">Manage subnet configuration</a>
Public IP	<div> <div>(new) Dragonfly-ip</div> <div>▼</div> </div> <a href="#">Create new</a>
NIC network security group	<input type="radio"/> None <input checked="" type="radio"/> Basic <input type="radio"/> Advanced
Public inbound ports *	<input checked="" type="radio"/> None <input type="radio"/> Allow selected ports
Select inbound ports	<div>Select one or more ports</div> <div>▼</div>

#### Extensions

Extensions provide post-deployment configuration and automation.

Extensions [Select an extension to install](#)

#### Custom data and cloud init

Pass a cloud-init script, configuration file, or other data into the virtual machine <b>while it is being provisioned</b>. The data will be saved on the VM in a known location. [Learn more about custom data for VMs](#)

Custom data	<div> <pre>#cloud-config runcmd: - wget https://raw.githubusercontent.com/Braintrace/df_firstboot/main/dfinit.sh - chmod 755 dfinit.sh - ./dfinit.sh</pre> </div>
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#cloud-config

runcmd:

- wget https://raw.githubusercontent.com/Braintrace/df\_firstboot/main/dfinit.sh
- chmod 755 dfinit.sh
- ./dfinit.sh

19. Click the Review + create button.

**Review + create**

20. Click the Create button.

**Create**

The rest of the Braintrace Dragonfly Appliance in Azure deployment is automated. We will take it from here.

Thank You,

BraintraceLABS