

# Create a virtual machine

- Basics
- Disks
- Networking
- Management
- Monitoring
- 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 \*

Resource group \*  [Create new](#)

## Instance details

Virtual machine name \*

Region \*

Availability options

Security type

Image \*  [See all images](#) | [Configure VM generation](#)


VM architecture  Arm64  x64

Run with Azure Spot discount


Run with Azure Spot discount 

Size \* 

[See all sizes](#)

 Item(s) availability based on policy assignment(s) for the selected scope. [azure8922-816829-PolicyDefinition-ODL-azure-816829 \(Policy details\)](#)


### Administrator account


Authentication type 

SSH public key

Password


Username \* 

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 \*

 **This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

## Create a virtual machine ...

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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 *	<input type="text" value="(new) ODL-azure-816829-vnet"/>
	<a href="#">Create new</a>
Subnet *	<input type="text" value="(new) default (10.0.0.0/24)"/>
Public IP	<input type="text" value="(new) X2O-ip"/>
	<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 type="radio"/> None <input checked="" type="radio"/> Allow selected ports
Select inbound ports *	<input type="text" value="HTTP (80), HTTPS (443), SSH (22)"/>

**⚠ This will allow all IP addresses to access your virtual machine.** This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

Delete public IP and NIC when VM is

Delete public IP and NIC when VM is deleted

Enable accelerated networking

### Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)

Place this virtual machine behind an existing load balancing solution?

✔ Validation passed

Basics Disks Networking Management Monitoring Advanced Tags Review + create

**i** Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) for all your pricing needs.

#### PRODUCT DETAILS

1 X Standard DS1 v2  
by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ  
**0.0730 USD/hr**  
[Pricing for other VM sizes](#)

#### TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name

Preferred e-mail address

Preferred phone number

**⚠ You have set SSH port(s) open to the internet.** This is only recommended for testing. If you want to change this setting, go [back to Basics tab](#).

## Create a virtual machine ...

✔ Validation passed

Resource group	ODL-azure-816829
Virtual machine name	X2O
Region	East US
Availability options	No infrastructure redundancy required
Security type	Standard
Image	Ubuntu Server 20.04 LTS - Gen2
VM architecture	x64
Size	Standard DS1 v2 (1 vcpu, 3.5 GiB memory)
Authentication type	Password
Username	u2tc774
Public inbound ports	SSH, HTTP, HTTPS
Azure Spot	No

### Disks

OS disk type	Premium SSD LRS
Use managed disks	Yes
Delete OS disk with VM	Enabled
Ephemeral OS disk	No

### Networking

Virtual network	(new) ODL-azure-816829-vnet
Subnet	(new) default (10.0.0/24)
Public IP	(new) X2O-ip
Accelerated networking	On
Place this virtual machine behind an existing load balancing solution?	No

# Create a virtual machine ...

✓ Validation passed

Delete public IP and NIC when VM is deleted **Enabled**

## Management

Microsoft Defender for Cloud **None**  
System assigned managed identity **Off**  
Login with Azure AD **Off**  
Auto-shutdown **Off**  
Enable hotpatch **Off**  
Patch orchestration options **Image Default**

## Monitoring

Alerts **Off**  
Boot diagnostics **On**  
Enable OS guest diagnostics **Off**

## Advanced

Extensions **None**  
VM applications **None**  
Cloud init **No**  
User data **No**  
Disk controller type **SCSI**  
Proximity placement group **None**  
Capacity reservation group **None**

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\*\*\* Initializing deployment...  
Initializing template deployment to resource group  
ODI-azure-816829

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# CreateVm-canonical.0001-com-ubuntu-server-focal-2-20221211202033 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

## Deployment is in progress

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 12/11/2022, 8:30:00 PM  
Subscription: KodeKloud Azure Production Labs Correlation ID: a0ef627a-214f-42d9-a535-2a6888ff1beb  
Resource group: ODL-azure-816829

### Deployment details

Resource	Type	Status	Operation details
No results.			

Give feedback

Tell us about your experience with deployment

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Deployment

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Resource group: ODL-azure-816829

### Deployment details

Resource	Type	Status	Operation details
ODL-azure-816829-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
X2O-ip	Microsoft.Network/publicIpAddresses	OK	Operation details
X2O-nsg	Microsoft.Network/networkSecurityGroups	OK	Operation details

Give feedback

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Deployment

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Deployment failed. Click here for details ->

## Your deployment failed

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Resource group: ODL-azure-816829

### Deployment details

Resource	Type	Status	Operation details
X2O	Microsoft.Compute/virtualMachines	Conflict	Operation details
x2o897	Microsoft.Network/networkInterfaces	Created	Operation details
ODL-azure-816829-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
X2O-ip	Microsoft.Network/publicIpAddresses	OK	Operation details
X2O-nsg	Microsoft.Network/networkSecurityGroups	OK	Operation details

Give feedback

Tell us about your experience with deployment

### Deployment failed

Deployment to resource group 'ODL-azure-816829' failed.  
Additional details from the underlying API that might be helpful. At least one resource deployment operation failed. Please list deployment operations for details. Please see <https://aka.ms/DeployOperations> for usage details.



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Deployment failed. Click here for details →

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Resource group: ODL-azure-816829

#### Deployment details

Resource	Type	Status	Operation
XZO	Microsoft.Compute/virtualMachines	Conflict	Operate
x2o897	Microsoft.Network/networkInterfaces	Created	Operate
ODL-azure-816829-vnet	Microsoft.Network/virtualNetworks	OK	Operate
XZO-ip	Microsoft.Network/publicIPAddresses	OK	Operate
XZO-nsg	Microsoft.Network/networkSecurityGroups	OK	Operate

Give feedback  
Tell us about your experience with deployment

### Operation details

Operation ID: /subscriptions/62a6c48f-6dad-4d57-ad25-dad5211e74a4/resourceGroups/ODL-azur...  
Operation name: 201F35B20E160EE1  
Provisioning operation: Create  
Provisioning state: Failed  
Timestamp: 12/11/2022, 8:30:33 PM  
Duration: 14 seconds  
Tracking ID: 9068787f-f97e-4021-86b7-2265a54a0dbf  
serviceRequestId: 3503d88c-d797-4510-ad9c-974015161ee0  
Status: Conflict  
Status message:

```
2  "status": "Failed",
3  "error": {
4    "code": "RequestDisallowedByPolicy",
5    "message": "Resource 'XZO_disk1_58e52411ae954c1e9e..."
6  }
7
```

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Delete Cancel Redeploy Download Refresh

Deployment failed. Click here for details →

### Your deployment failed

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Subscription: KodeKloud Azure Production Labs Correlation ID: a0e627a-214f-42d9-a535-2a6888f1beb  
Resource group: ODL-azure-816829

#### Deployment details

Resource	Type	Status	Operation
XZO	Microsoft.Compute/virtualMachines	Conflict	Operate
x2o897	Microsoft.Network/networkInterfaces	Created	Operate
ODL-azure-816829-vnet	Microsoft.Network/virtualNetworks	OK	Operate
XZO-ip	Microsoft.Network/publicIPAddresses	OK	Operate
XZO-nsg	Microsoft.Network/networkSecurityGroups	OK	Operate

Give feedback  
Tell us about your experience with deployment

### Operation details

Provisioning state: Failed  
Timestamp: 12/11/2022, 8:30:33 PM  
Duration: 14 seconds  
Tracking ID: 9068787f-f97e-4021-86b7-2265a54a0dbf  
serviceRequestId: 3503d88c-d797-4510-ad9c-974015161ee0  
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```

Type: Microsoft.Compute/virtualMachines  
Resource ID: /subscriptions/62a6c48f-6dad-4d57-ad25-dad5211e74a4/resourceGroups/ODL-azur...  
Resource: XZO  
Deployment correlation ID: a0e627a-214f-42d9-a535-2a6888f1beb