

VM set up in Azure for ACS 3 Version 3.6.0 under Ubuntu

Get started **Overview**

Student offer details

Available credits
USD 100 out of USD 100

Days until credit expires
365
Expires on 07/05/2025

July costs
USD 0.00

[View cost details](#)

Popular solutions

[Deploy a Docker container](#)
Create simple containers

[Create your first application](#)
Build and deploy

[Create and train a model](#)
Train, deploy, and scale

[Build and deploy a web application](#)
Automatically provision and deploy

[Explore all](#)

Search for ubuntu and select Ubuntu 22.04LTS and click create

Microsoft Azure

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Home > **Marketplace**

Get Started

Service Providers

Management

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Categories

Compute (870)

IT & Management Tools (747)

Developer Tools (726)

Web (520)

DevOps (493)

ubuntu

Pricing: All Operating System: All Publisher Type: All

☐ Azure services only

Showing 1 to 20 of 2703 results for 'ubuntu'. [Clear search](#)



Ubuntu Minimal 22.04 LTS

Canonical

Virtual Machine

Ubuntu Minimal is optimised for automated use at scale.

Create



Ubuntu Minimal 20.04 LTS

Canonical

Virtual Machine

Ubuntu Minimal is optimised for automated use at scale.

Create



Ubuntu Minimal 23.10

Canonical

Virtual Machine

Ubuntu Minimal is optimised for automated use at scale.

Create



Ubuntu Server 20.04 LTS

Canonical

Virtual Machine

Linux For The Cloud

Create



Ubuntu Server 23.10

Canonical

Virtual Machine

Create



Ubuntu 22.04 with GUI

YASEEN'S MARKET LTD

Virtual Machine

Create



Ubuntu-based HPC and AI

Microsoft

Virtual Machine

Create



Ubuntu 24.04

Cloud Infrastructure Services

Virtual Machine

Create

Create a new resource group and enter the name as vigorACS3.

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

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](#)

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

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

Subscription *

Azure for Students

Resource group *

(New) Resource group

Create new

Instance details

Virtual machine name *

Region *

Availability options

Availability zone *

A resource group is a container that holds related resources for an Azure solution.

Name *

VigorACS3

OK

Cancel

You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Enter the virtual machine name (VigorACS3)

Select region as (Asia Pacific) Southeast Asia

Select availability zone as zone 1

Microsoft Azure Search resources, services, and docs (G+)

Home > Create a resource > Marketplace >

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](#)

i This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

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

Subscription * ⓘ Azure

Resource group * ⓘ (New) VigorACS3
[Create new](#)

Instance details

Virtual machine name * ⓘ VigorACS3 ✓

Region * ⓘ (Asia Pacific) Southeast Asia

Availability options ⓘ Availability zone

Availability zone * ⓘ Zone 1

i You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

Select security type as standard

Select image as Ubuntu Minimal 22.04 LTS – x64 Gen2

Select VM architecture x64

Select size as standard_D2s_v3 – 2 vcups, 8GiB memory (US\$91.25/month)

Microsoft Azure

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Create a virtual machine

Security type ⓘ

Standard

Image * ⓘ

Ubuntu Minimal 22.04 LTS - x64 Gen2

See all images | Configure VM generation

 This image is compatible with additional security features. [Click here to swap to the Trusted launch security type.](#)

VM architecture ⓘ

☐ Arm64

☒ x64

 Arm64 is not supported with the selected image.

Run with Azure Spot discount ⓘ

☐

Size * ⓘ

Standard_D2s_v3 - 2 vcups, 8 GiB memory (US\$91.25/month)

See all sizes

Enable Hibernation ⓘ

☐

 Hibernate is not supported by the size that you have selected. Choose a size that is compatible with Hibernation to enable this feature. [Learn more](#)

Select Authentication as password

Enter username and password

Select allow selected ports, select HTTP(80), HTTPS(443), SSH(22)

Administrator account

Authentication type ⓘ

- ☐ SSH public key
☒ Password

Username * ⓘ

draytek_au ✓

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 *

HTTP (80), HTTPS (443), SSH (22) ✓

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.

< Previous

Next : Disks >

Review + create

Select OS disk size as image default (30 GiB)

Select OS disk type Standard SSD (locally redundant storage)

Select delete with VM if needed

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Create a virtual machine

VM disk encryption

Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by default when persisting it to the cloud.

Encryption at host 

 Encryption at host is not registered for the selected subscription.
[Learn more about enabling this feature](#) 

OS disk

OS disk size 

OS disk type 

Delete with VM 

Key management 

Enable Ultra Disk compatibility 

Image default (30 GiB) 

Standard SSD (locally-redundant storage) 

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.



Platform-managed key 



In networking,

Select **‘allow selected ports’** for public inbound ports and HTTP (80), HTTPS (443), SSH (22)

Select **‘delete public IP and NIC when VM is deleted’** if needed

Next, click on **‘review + create’**

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Create a virtual machine ...

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + 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) VigorACS3-vnet

Create new

Subnet *

(new) default (10.0.0.0/24)

Public IP

(new) VigorACS3-ip

Create new

NIC network security group

☐ None

☒ Basic

☐ Advanced

Public inbound ports *

☐ None

☒ Allow selected ports

Select inbound ports *

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 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](#)

Load balancing options

☒ None

☐ Azure load balancer
Supports all TCP/UDP network traffic, port-forwarding, and outbound flows.

☐ Application gateway
Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.

< Previous

Next : Management >

Review + create

In management, leave the settings as default.

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

Create a virtual machine

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

Configure management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

Enable basic plan for free ☒ This will apply to every VM in the selected subscription

Identity

Enable system assigned managed identity ☐

Microsoft Entra ID

Login with Microsoft Entra ID ☐

i RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Microsoft Entra ID login. [Learn more](#)

i Microsoft Entra ID login now uses SSH certificate-based authentication. You will need to use an SSH client that supports OpenSSH certificates. You can use Azure CLI or Cloud Shell from the Azure Portal. [Learn more](#)

Auto-shutdown

Enable auto-shutdown ☐

Backup

Enable backup ☐

Guest OS updates

Patch orchestration options

i Some patch orchestration options are not available for this image. [Learn more](#)

< Previous

Next : Monitoring >

Review + create

In monitoring, leave the settings as default.

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

Create a virtual machine

Basics

Disks

Networking

Management

Monitoring

Advanced

Tags

Review + create

Configure monitoring options for your VM.

Alerts

Enable recommended alert rules ⓘ ☐

Diagnostics

Boot diagnostics ⓘ

☒ Enable with managed storage account (recommended)

☐ Enable with custom storage account

☐ Disable

Enable OS guest diagnostics ⓘ ☐

Health

Enable application health monitoring ⓘ ☐

< Previous

Next : Advanced >

Review + create

In advanced, leave the settings as default.

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

Create a virtual machine

Basics

Disks

Networking

Management

Monitoring

Advanced

Tags

Review + create

Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

Extensions

Extensions provide post-deployment configuration and automation.

Extensions ⓘ [Select an extension to install](#)

VM applications

VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. [Learn more](#) ⓘ

[Select a VM application to install](#)

Custom data and cloud init

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

Custom data

ⓘ Custom data on the selected image will be processed by cloud-init. [Learn more about custom data for VMs](#) ⓘ

User data

Pass a script, configuration file, or other data that will be accessible to your applications throughout the lifetime of the virtual machine. Don't use user data for storing your secrets or passwords. [Learn more about user data for VMs](#) ⓘ

Enable user data ☐

Performance (NVMe)

Enable capabilities to enhance the performance of your resources.

Higher remote disk storage performance with NVMe ☐

ⓘ The selected size is not supported for NVMe. [See supported size families](#) ⓘ

Host

Azure Dedicated Hosts allow you to provision and manage a physical server within our data centers that are dedicated to your Azure subscription. A dedicated host gives you assurance that only VMs from your subscription are on the host, flexibility to choose VMs from your subscription that will be provisioned on the host, and the control of platform maintenance at the level of the host. [Learn more](#) ⓘ

Host group ⓘ

No host groups found

Capacity reservations

Capacity reservations allow you to reserve capacity for your virtual machine needs. You get the same SLA as normal virtual machines with the security of reserving the capacity ahead of time. [Learn more](#) ⓘ

Capacity reservation group ⓘ

None

Proximity placement group

Proximity placement groups allow you to group Azure resources physically closer together in the same region. [Learn more](#) ⓘ

Proximity placement group ⓘ

No proximity placement groups found

< Previous

Next : Tags >

Review + create

Click 'Create'

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Home > Create a resource > Marketplace >

Create a virtual machine ...

✓ Validation passed

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

 Cost given below is an estimate and not the final price. For all your pricing needs, please use the pricing calculator. [↗](#)

Price

1 X Standard D2s v3
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
0.1250 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

Samuel Cheung

Preferred e-mail address

chesy227@mymail.unisa.edu.au

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.

Basics

< Previous

Next >

Create

[Download a template for a](#)

Wait for the deployment to complete

Microsoft Azure

Search resources, services, and docs (G+)

Home >

CreateVm-canonical.0001-com-ubuntu-minimal-jammy--20240705093045 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm-canonical.0001-com-ubuntu-minim... Start time: 05/07/2024, 9:52:10 am

Subscription: [Azure for Students](#) Correlation ID: 4f9f6996-96cf-4af6-98fd-4b...

Resource group: [VigorACS3](#)

Deployment details

Resource	Type	Status	Operation details
VigorACS3	Microsoft.Compute/virtu...	Created	Operation details
vigoracs3811_z1	Microsoft.Network/netw...	Created	Operation details
VigorACS3-nsg	Microsoft.Network/netw...	OK	Operation details
VigorACS3-vnet	Microsoft.Network/virtu...	OK	Operation details
VigorACS3-ip	Microsoft.Network/publi...	OK	Operation details

Give feedback

[Tell us about your experience with deployment](#)

Microsoft Azure

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Home >

CreateVm-canonical.0001-com-ubuntu-minimal-jammy--20240705093045 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm-canonical.0001-com-ubuntu-minim... Start time: 05/07/2024, 9:52:10 am

Subscription: [Azure for Students](#) Correlation ID: 4f9f6996-96cf-4af6-98fd-4b...

Resource group: [VigorACS3](#)

Deployment details

Resource	Type	Status	Operation details
VigorACS3	Microsoft.Compute/virtu...	OK	Operation details
vigoracs3811_z1	Microsoft.Network/netw...	Created	Operation details
VigorACS3-nsg	Microsoft.Network/netw...	OK	Operation details
VigorACS3-vnet	Microsoft.Network/virtu...	OK	Operation details
VigorACS3-ip	Microsoft.Network/publi...	OK	Operation details

Next steps

Setup auto-shutdown Recommended

Monitor VM health, performance and network dependencies Recommended

Run a script inside the virtual machine Recommended

Go to resource

Create another VM

Give feedback

[Tell us about your experience with deployment](#)

13

Next go to virtual machines

Left sidebar navigation menu:

- Create a resource
- Home
- Dashboard
- All services
- FAVORITES
- All resources
- Resource groups
- App Services
- Function App
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Microsoft Entra ID
- Monitor
- Advisor
- Microsoft Defender for Cloud
- Help + support
- Cost Management + Billing

Main content area:

Subscription equals all Type equals all Resource group equals all Location equals all Add filter

No grouping List view

Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Power state ↑↓
Virtual machine	Azure for Students	VigorACS3	Southeast Asia	Running	Linux	Standard_D2s_v3	4.1

Click on the VigorACS3

Home > Virtual machines

University of South Australia (mymailunisaedu.onmicrosoft.com)

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete

Filter for any field... Subscription equals all Type equals all Resource group equals all Location equals all Add filter

Showing 1 to 1 of 1 records. No grouping List view

☐ Name ↑↓	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Power state ↑↓
☐ VigorACS3	Virtual machine	Azure for Students	VigorACS3	Southeast Asia	Running	Linux	Standard_D2s_v3	4.1

Click on public Ip address

Home > Virtual machines > Virtual machines

Virtual machines

University of South Australia (mymailunisaedu.on...)

+ Create ▾ Switch to classic ...

Filter for any field...

Name ↑

VigorACCS3 ...

VigorACCS3 Virtual machine

Search

Connect ▾ Start Restart Stop Hibernate Capture ▾ Delete ...

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Connect
 - Connect
 - Bastion
- Networking
 - Network settings
 - Load balancing
 - Application security groups
 - Network manager
- Settings
 - Disks
 - Extensions + applications
 - Operating system
 - Configuration
 - Advisor recommendations
 - Properties

Essentials [JSON View](#)

Resource group ([move](#))
[VigorACCS3](#)

Status: Running

Location: Southeast Asia (Zone 1)

Subscription ([move](#))
[Azure for Students](#)

Subscription ID: 3e69203d-9bce-424a-a931-14b074fe5863

Availability zone: 1

Operating system: Linux (ubuntu 22.04)

Size: Standard D2s v3 (2 vcpus, 8 GiB memory)

Public IP address: [4.145.112.181](#)

Virtual network/subnet: [VigorACCS3-vnet/default](#)

DNS name: [Not configured](#)

Health state: -

Time created: 04/07/2024, 11:52 pm UTC

[Tags \(edit\)](#)
[Add tags](#)

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name: VigorACCS3

Operating system: Linux (ubuntu 22.04)

VM generation: V2

VM architecture: x64

Ensure the public Ip address is static.

Home > Virtual machines > VigorACCS3 > VigorACCS3-ip

VigorACCS3-ip | Configuration

Public IP address

Save Discard Refresh

Search

Configuration

- Overview
- Activity log
- Access control (IAM)
- Tags
- Settings
 - Configuration
 - Properties
 - Locks
- Monitoring
- Automation
- Help

IP address assignment: Static

IP address ⓘ: 4.145.112.181

Idle timeout (minutes) ⓘ: 4

DNS name label (optional) ⓘ: .southeastasia.cloudapp.azure.com

Alias record sets

Create an alias record in Azure DNS. [Learn more](#)

[+ Create alias record](#)

Subscription	DNS zone	Name	Type	TTL
No results.				

Need help?

Connect to the virtual machine

Select the VM and click on start to turn it on.

Then click on the VM

Home >

Virtual machines

University of South Australia (mymailunisaedu.onmicrosoft.com)

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete

Filter for any field... Subscription equals all Type equals all Resource group equals all Location equals all Add filter

Showing 1 to 1 of 1 records. No grouping List view

Name	Type	Subscription	Resource group	Location	Status	Operating system	Size	Pu
VigorACS3	Virtual machine	Azure for Students	VigorACS3	Southeast Asia	Running	Linux	Standard_D2s_v3	4.1

Select Connect and copy the Public IP address

Home > Virtual machines > VigorACS3

Virtual machines

University of South Australia (mymailunisaedu.onmicrosoft.com)

+ Create Switch to classic

Filter for any field...

Name

VigorACS3

VigorACS3 | Connect

Virtual machine

Search Refresh Troubleshoot More Options Feedback

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Connect
- Connect
- Bastion
- Networking
- Settings
- Availability + scale
- Security
- Backup + disaster recovery
- Operations
- Monitoring
- Automation
- Help

Connecting using
Public IP address | 4.145.112.181

Admin username
draytek_au

Port (change)
22 Check access

Just-in-time policy
Unsupported by plan

Recommended

Local machine Azure portal

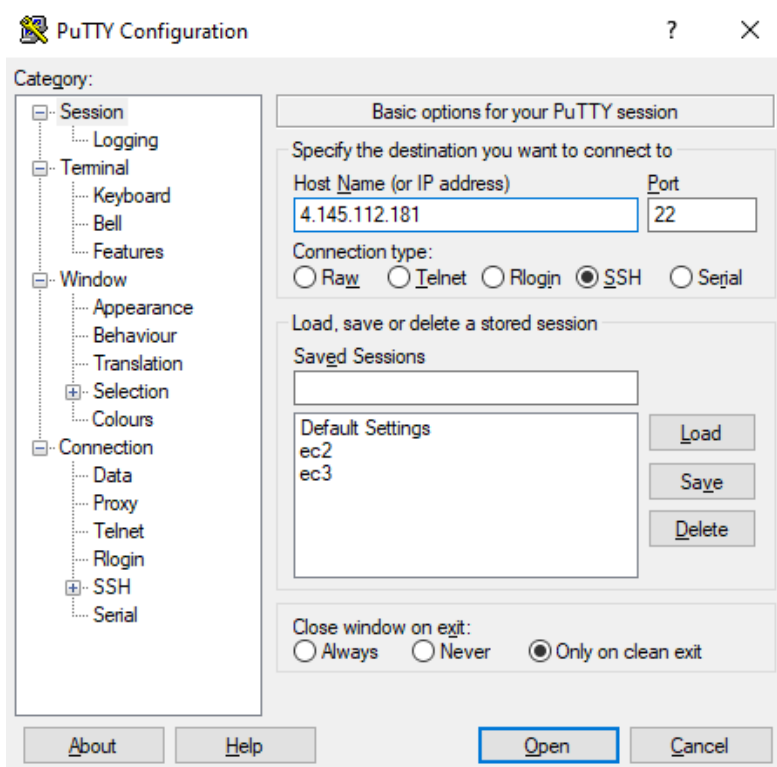
SSH using Azure CLI

Quickly connect in browser. Supports Microsoft Entra ID authentication. Private key not required.

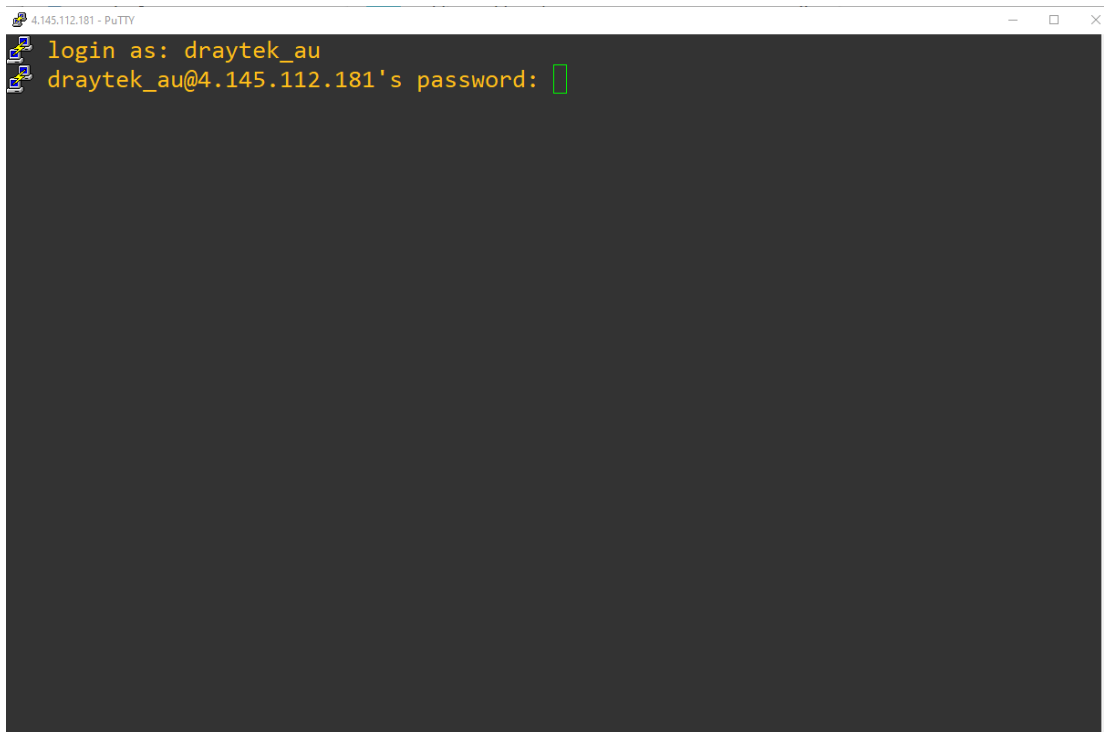
Public IP address (4.145.112.181)

Select

Login using putty with public IP and SSL port.



Login using the username and password that was created when setting up the VM.



```
draytek_au@VigorACS3: ~  
Welcome to Ubuntu 22.04.4 LTS (GNU/Linux 6.5.0-1023-azure x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/pro  
  
This system has been minimized by removing packages and content that are  
not required on a system that users do not log into.  
  
To restore this content, you can run the 'unminimize' command.  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
Last login: Fri Jul  5 00:33:58 2024 from 220.253.250.82  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
draytek_au@VigorACS3:~$
```

Install tar and bzip2 using this command below

Sudo apt install tar

```
draytek_au@VigorACS3: ~  
draytek_au@VigorACS3:~$ sudo apt install tar  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
tar is already the newest version (1.34+dfsg-1ubuntu0.1.22.04.2).  
0 upgraded, 0 newly installed, 0 to remove and 1 not upgraded.  
draytek_au@VigorACS3:~$ sudo apt install bzip2  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
bzip2 is already the newest version (1.0.8-5build1).  
0 upgraded, 0 newly installed, 0 to remove and 1 not upgraded.  
draytek_au@VigorACS3:~$
```

Upload acs3 file to VM from your local computer

Use the scp command below to transfer the ACS3 installation files to Azure VM

```
scp <path of the acs3 file> <username>@<Azure VM Ip address>:<name of the ACS3 file>
```

An example of the command used below.

```
scp C:\Users\Samuel\Downloads\VigorACS_Unix_Like_Draytek_Pro64_3.5.1_r4569.tar.bz2  
draytek_au@4.145.112.181:VigorACS_Unix_Like_Draytek_Pro64_3.5.1_r4569.tar.bz2
```

```
E:\>scp C:\Users\Samuel\Downloads\VigorACS_Unix_Like_Draytek_Pro64_3.5.1_r4569.tar.bz2 draytek_au@4.145.112.181:VigorACS  
_Unix_Like_Draytek_Pro64_3.5.1_r4569.tar.bz2  
draytek_au@4.145.112.181's password:  
VigorACS_Unix_Like_Draytek_Pro64_3.5.1_r4569.tar.bz2 100% 1114MB 2.2MB/s 08:16
```

Once is done, check if the ACS3 file has uploaded to the draytek_au folder

```
draytek_au@VigorACS3:~$ ls  
VigorACS Unix Like Draytek Pro64 3.5.1 r4569.tar.bz2
```

Install ACS3 in Azure

Unzip the ACS3 file using the command below.

```
tar xjvf VigorACS_Unix_XXXXX
```

```
draytek_au@VigorACS3: ~  
VigorACS_Unix_Like_Draytek_Pro64_3.5.1_r4569.tar.bz2  
draytek_au@VigorACS3:~$ tar xjvf VigorACS_Unix_Like_Draytek_Pro64_3.5.1_r4569.ta  
r.bz2  
acs/  
font/  
jcelib/  
linux/  
scripts/  
scripts/wildfly/  
Install VigorACS Guide.txt  
Quick Start Guide.txt  
acs/VigorACS.zip  
acs_lib.sh  
font/arial.ttf  
install.conf  
install.sh  
jcelib/US_export_policy.jar  
jcelib/java.security  
jcelib/local_policy.jar  
linux/VigorServiceController.tar.gz  
linux/influxdb-1.8.3_linux_amd64.tar.gz  
linux/mariadb-10.6.5-linux-systemd-x86_64.tar.gz  
linux/my.cnf  
linux/zulu17.44.15-ca-jdk17.0.8-linux_x64.tar.gz
```

```
chmod 755 install.sh
```

```
chmod 755 uninstall.sh
```

```
draytek_au@VigorACS3:~$ chmod 755 install.sh  
draytek_au@VigorACS3:~$ chmod 755 uninstall.sh  
draytek_au@VigorACS3:~$ ll  
total 1744972  
drwxr-x--- 10 draytek_au draytek_au      4096 Jul  5 05:32 ./  
drwxr-xr-x  3 root      root            4096 Jul  4 23:52 ../  
drwxrwxr-x  3 draytek_au draytek_au      4096 Jul  5 01:34 .azcopy/  
-rw-----  1 draytek_au draytek_au      2563 Jul  5 04:22 .bash_history  
-rw-r--r--  1 draytek_au draytek_au        220 Jan  6  2022 .bash_logout  
-rw-r--r--  1 draytek_au draytek_au      3771 Jan  6  2022 .bashrc  
drwx-----  2 draytek_au draytek_au      4096 Jul  5 00:33 .cache/  
-rw-r--r--  1 draytek_au draytek_au        807 Jan  6  2022 .profile  
drwx-----  2 draytek_au draytek_au      4096 Jul  4 23:53 .ssh/  
-rw-r--r--  1 draytek_au draytek_au          0 Jul  5 00:39 .sudo_as_admin_succ  
essful  
-rw-r--r--  1 draytek_au draytek_au      1937 Sep 26  2023 'Install VigorACS Gu  
ide.txt'  
-rw-r--r--  1 draytek_au draytek_au      2512 Sep 26  2023 'Quick Start Guide.t  
xt'  
-rw-rw-r--  1 draytek_au draytek_au 618563564 Jul  5 02:14 VigorACS_OTA_Linux_  
3.5.1_r4569.tar.bz2  
-rw-rw-r--  1 draytek_au draytek_au 1168119859 Jul  5 04:52 VigorACS_Unix_Like_  
Draytek_Pro64_3.5.1_r4569.tar.bz2
```

To install the ACS3 in Azure, please follow the instructions in this link below.

<https://www.draytek.com/support/knowledge-base/5381>



Knowledge Base > ACS >

Install VigorACS 3 on Linux

This document demonstrates how to install VigorACS 3 on Linux platform. Before you install, please note that:

1. Make sure you have the 64-bit operating system, VigorACS 3 can only run on the 64-bit platform. Please check the compatible CPE list and hardware requirement from [here](#) first.
2. Contact your local distributor to get the latest installation file.



If you have changed the http / https port during the installation, for example 8080 for HTTP and 8443 for HTTPS. We will need to add inbound security rules for both ports 8080 and 8443.

Click on the VigorACS3 VM.

Home >

Virtual machines

University of South Australia (mymailunisaedu.onmicrosoft.com)

[+ Create](#) [Switch to classic](#) [Reservations](#) [Manage view](#) [Refresh](#) [Export to CSV](#) [Open query](#) [Assign tags](#) [Start](#) [Restart](#) [Stop](#) [Delete](#) [Services](#) [Maintenance](#)

[Subscription equals all](#) [Type equals all](#) [Resource group equals all](#) [Location equals all](#) [Add filter](#)

Showing 1 to 1 of 1 records. No grouping [List view](#)

☐	Name ↑↓	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Public IP address ↑↓	Disks ↑↓
☒	VigorACS3	Virtual machine	Azure for Students	VigorACS3	Southeast Asia	Running	Linux	Standard_D2s_v3	4.145.112.181	1

Go to networking > networking settings. Click on create port rule.

Home > Virtual machines > VigorACS3

Virtual machines

University of South Australia [myemail@unisa.edu.au]

+ Create Switch to classic

Filter for any field...

Name: VigorACS3

VigorACS3 | Network settings

Virtual machine

This is a new experience. Please provide feedback

Attach network interface Detach network interface View topology Troubleshoot Refresh Give feedback

Network interface / IP configuration

vigoracs3811_z1 (primary) / ipconfig1 (primary)

Essentials

Network interface : vigoracs3811_z1

Virtual network / subnet : VigorACS3-vnet / default

Public IP address : 4.145.112.181

Private IP address : 10.0.0.4

Admin security rules : 0 (Configure)

Load balancers : 0 (Configure)

Application security groups : 0 (Configure)

Network security group : VigorACS3-nsg

Accelerated networking : Disabled

Effective security rules : 0

Rules Collapse all

Network security group VigorACS3-nsg (attached to networkinterface: vigoracs3811_z1)

Impacts 0 subnets, 1 network interfaces

+ Create port rule

Search rules Source == all Destination == all Protocol == all Action == all

Priority	Name	Port	Protocol	Source	Destination	Action
Inbound port rules (8)						
300	SSH	22	TCP	Any	Any	Allow
320	HTTP	80	TCP	Any	Any	Allow
340	HTTPS	443	TCP	Any	Any	Allow
350	AllowAnyCustom8080Inbound	8080	TCP	Any	Any	Allow
360	AllowAnyCustom8443Inbound	8443	Any	Any	Any	Allow
65000	AllowVnetInbound	Any	Any	VirtualNetwork	VirtualNetwork	Allow

Select service as customer and enter destination HTTP port ranges as 8080. (Do the same for Https port 8443). Then click on Add.

VigorACS3 | Network settings

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Connect

Bastion

Networking

Network settings

Load balancing

Application security groups

Network manager

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Automation

Help

Network interface : vigoracs3811_z1

Virtual network / subnet : VigorACS3-vnet / default

Public IP address : 4.145.112.181

Private IP address : 10.0.0.4

Admin security rules : 0 (Configure)

Load balancers : 0 (Configure)

Application security groups : 0 (Configure)

Network security group : VigorACS3-nsg

Accelerated networking : Disabled

Effective security rules : 0

Rules Collapse all

Network security group VigorACS3-nsg (attached to networkinterface: vigoracs3811_z1)

Impacts 0 subnets, 1 network interfaces

Search rules Source == all Destination == all Protocol == all Action == all

Priority	Name	Port	Protocol
Inbound port rules (8)			
300	SSH	22	TCP
320	HTTP	80	TCP
340	HTTPS	443	TCP
350	AllowAnyCustom8080Inbound	8080	TCP
360	AllowAnyCustom8443Inbound	8443	Any
65000	AllowVnetInbound	Any	Any
65001	AllowAzureLoadBalancerInbound	Any	Any
65500	DenyAllInbound	Any	Any

Outbound port rules (3)

Add inbound security rule

VigorACS3-nsg

Source Any

Source port ranges *

Destination Any

Service Custom

Destination port ranges * 8080

Protocol Any

Action Allow

Priority 370

Name AllowAnyCustom8080Inbound

Description

Add Cancel Give feedback