

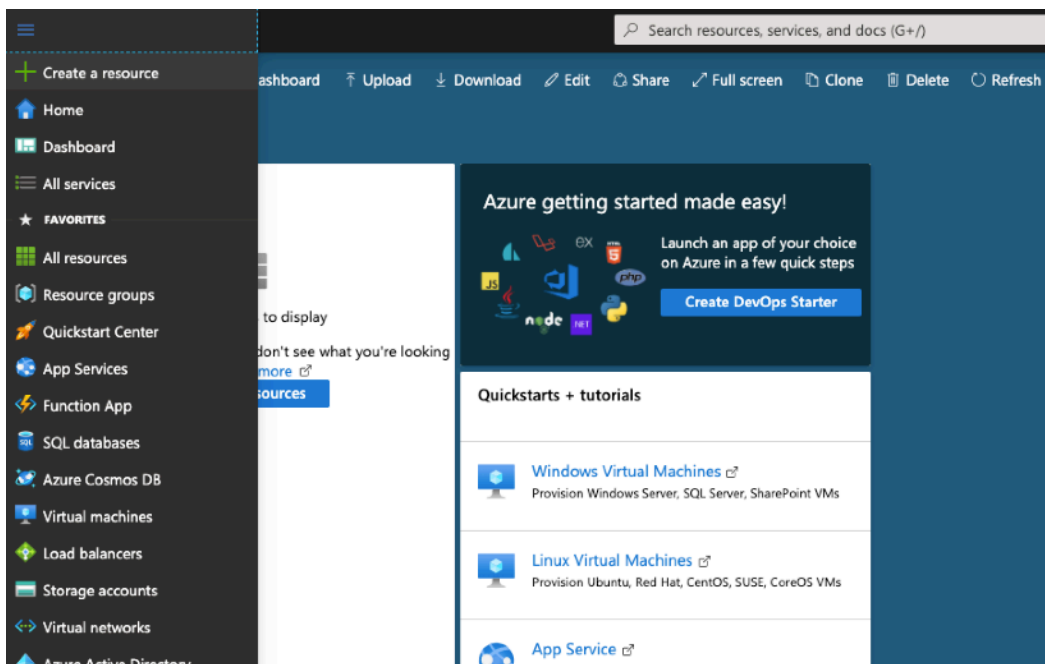
Pre-Requisites:

1. Download the Microsoft Remote Desktop for MacOS

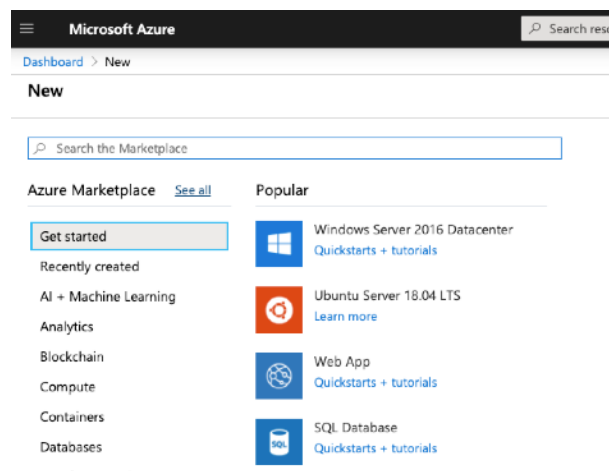
<https://apps.apple.com/app/microsoft-remote-desktop/id1295203466?mt=12>

Step 1 - Creating a Virtual Machine using Azure Portal

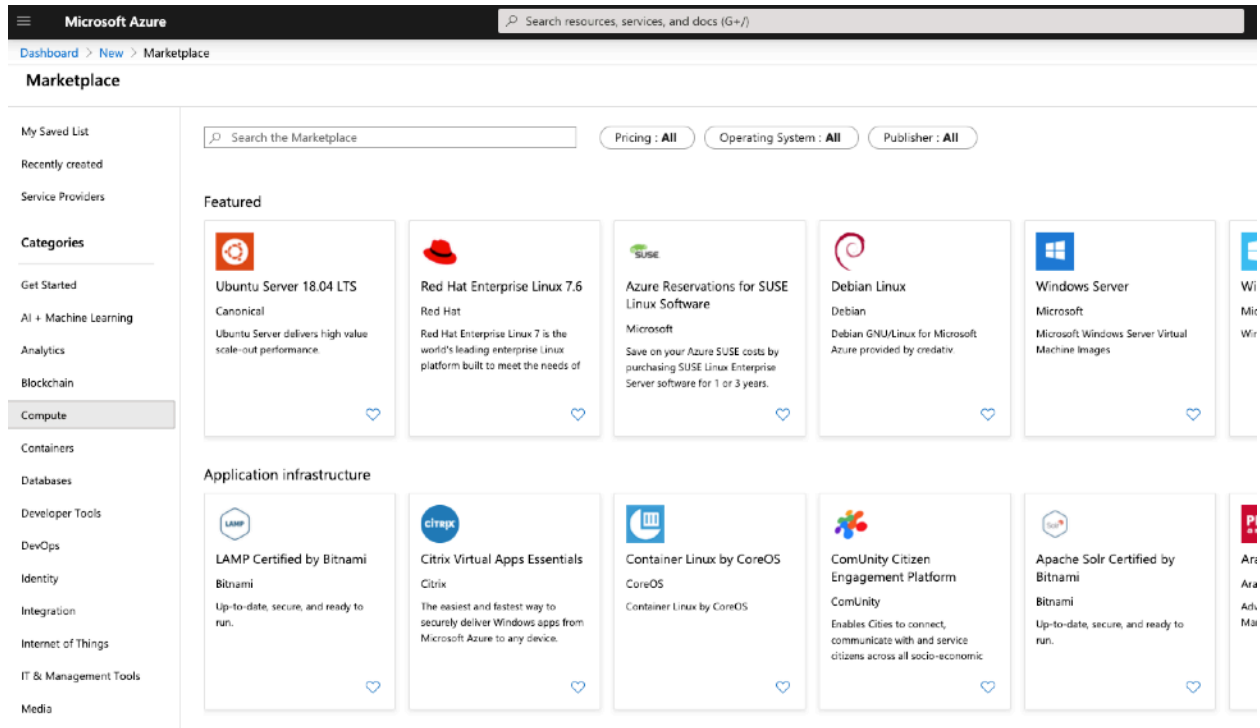
1. Sign in to the Azure Management Portal
2. On the Left Side bar, click + Create a New Resource



3. At Azure Marketplace Click See All



- Click **Compute** and then click the **Windows Server** box.



The screenshot shows the Microsoft Azure Marketplace interface. On the left sidebar, the 'Compute' category is selected under 'Categories'. The main area displays a grid of offerings:

- Featured:**
 - Ubuntu Server 18.04 LTS (Canonical)
 - Red Hat Enterprise Linux 7.6 (Red Hat)
 - Azure Reservations for SUSE Linux Software (Microsoft)
 - Debian Linux (Debian)
 - Windows Server (Microsoft)
- Application infrastructure:**
 - LAMP Certified by Bitnami (Bitnami)
 - Citrix Virtual Apps Essentials (Citrix)
 - Container Linux by CoreOS (CoreOS)
 - ComUnity Citizen Engagement Platform (ComUnity)
 - Apache Solr Certified by Bitnami (Bitnami)

Step 2 - Creating a VM

Open the dropdown list and find and the **Windows Server 2019 Datacenter with Containers** then click **Create**


Microsoft Azure

Search resources, services, and docs (G+/)

Dashboard > New > Marketplace > Windows Server

Windows Server

Microsoft



Windows Server

Save for later

Microsoft

Select a software plan

Windows Server 2019 Datacenter wi...

Create

Start with a pre-set configuration

Deploy with Resource Manager (change to Classic)

Overview

Plans

Windows Server is the operating system that bridges on-premises environments with Azure services enabling hybrid scenarios and maximizing existing investments, including:

Available Images

Windows Server 2019 is the latest Long-Term Servicing Channel (LTSC) release with five years of mainstream support + five years of extended support. Choose the image that is right for your application needs.

Latest: **Windows Server 2019**Windows Server Semi-Annual Channel releases deliver new operating system capabilities at a faster pace and are based on the Server Core installation option of the Datacenter edition. A new release comes out every six months and is supported for 18 months. Check the [Lifecycle Support Page](#) for support dates and always use the latest release if possible.

Terms of Use

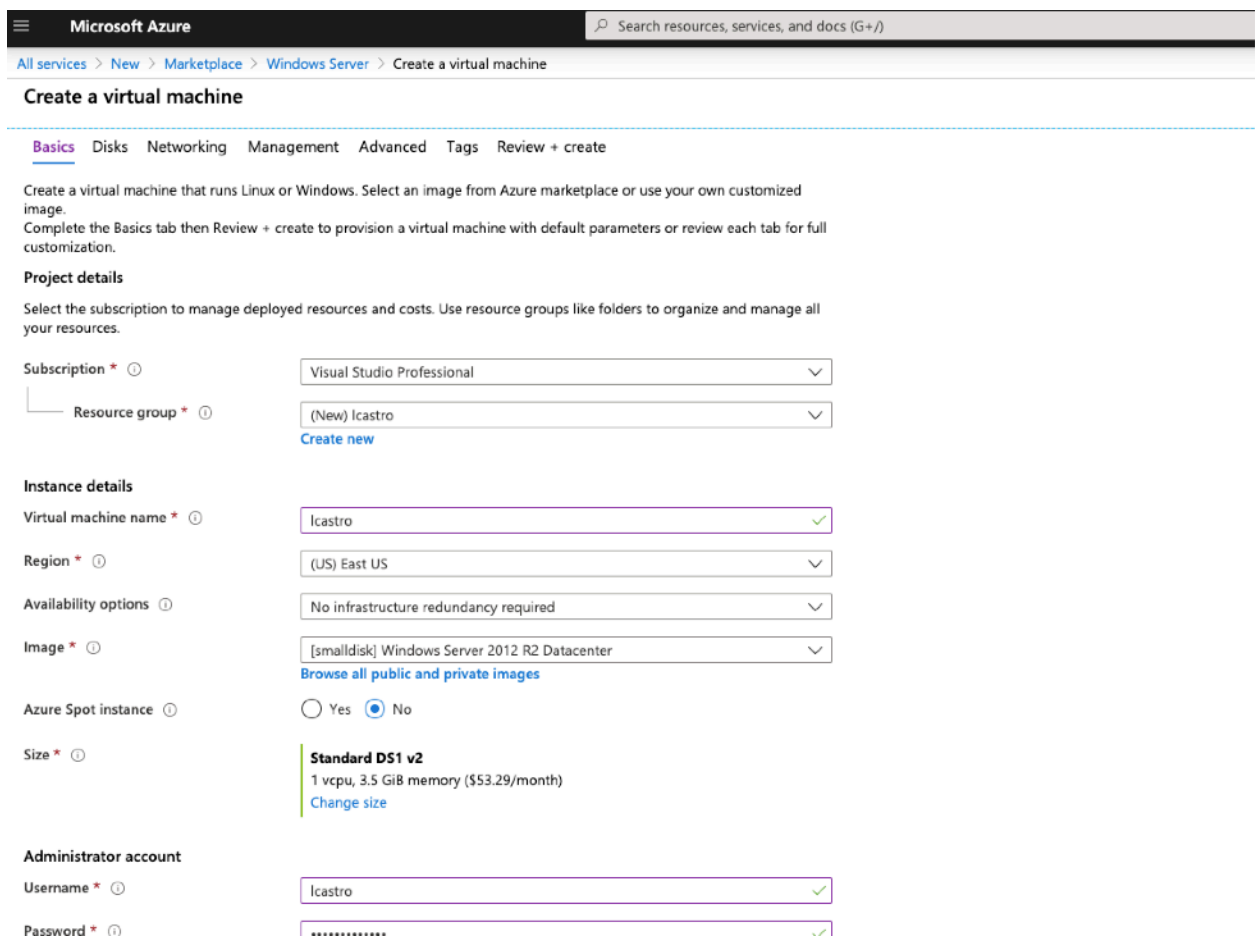
Your use of the Windows Server images from Azure Marketplace Virtual Machine Gallery are provided to you for use with virtual machine instances under your Azure subscription which are governed by the [Online Services Terms](#). These virtual machine instances are limited for use with Azure. All Server images, including Semi-Annual Channel releases, may be used under the [Azure Hybrid Benefit for Windows Server](#).

Learn more

[Windows Server Virtual Machine Documentation](#)[Windows Server Documentation](#)[What's New in Windows Server](#)

Inside the Create Virtual Machine blade that opens, enter:

- **Subscription:** Visual Studio Professional
- **Resource:** username + RG. Eg: lcastro-RG
- **Name:** username + VM. Eg: lcastro-VM
- **Size:** Standard Ds1 v2
- **User Name:** username. Eg: lcastro
- **Password:** unique password for the administrator account
- **Location:** your region according the instructions: Eg: East US
- Click **Next**



Microsoft Azure

Search resources, services, and docs (G+)

All services > New > Marketplace > Windows Server > Create a virtual machine

Create a virtual machine

Basics Disks Networking Management 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.

Project details

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

Subscription * ⓘ Visual Studio Professional

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

Instance details

Virtual machine name * ⓘ lcastro ✓

Region * ⓘ (US) East US

Availability options ⓘ No infrastructure redundancy required

Image * ⓘ [smalldisk] Windows Server 2012 R2 Datacenter
[Browse all public and private images](#)

Azure Spot instance ⓘ ☐ Yes ☒ No

Size * ⓘ **Standard DS1 v2**
1 vcpu, 3.5 GiB memory (\$53.29/month)
[Change size](#)

Administrator account

Username * ⓘ lcastro ✓

Password * ⓘ

Creating a VM - Disks

Disk Type:

select the disk size.

(e.g. Standard/Premium(SSD))

Click Next

Creating a VM - Networking

Leave all default values and Click **Next**

Creating a VM - Tags

Add a Tag as follow:

Name:

Name

Value

Username Eg: lcastro

Microsoft Azure

Search resources, services, and docs (G+)




All services > New > Marketplace > Windows Server > Create a virtual machine

Create a virtual machine

Basics Disks Networking Management **Tags** Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
<input type="text" value="Name"/>	<input type="text" value="Lcastro"/>	11 selected  
<input type="text"/>	<input type="text"/>	11 selected 

Creating a VM - Settings

Summary: virtual machine summary details before you click on create.

Next Click **Create**

Microsoft Azure

Search resources, services, and docs (G+/I)

[All services](#) > [New](#) > [Marketplace](#) > [Windows Server](#) > Create a virtual machine

Create a virtual machine

✓ Validation passed

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

PRODUCT DETAILS

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.

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

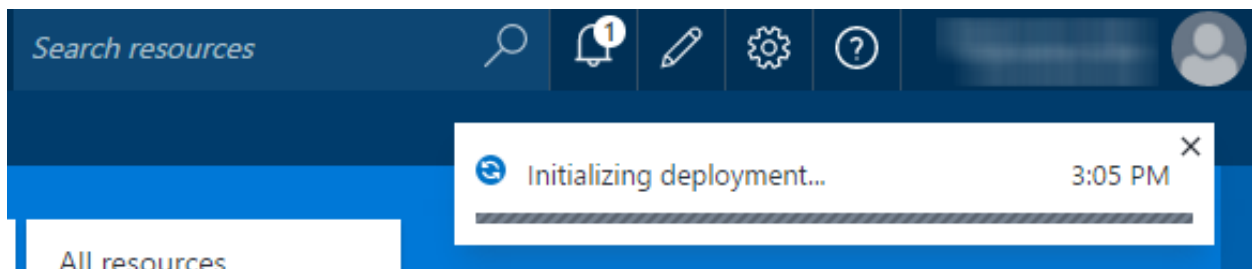
Basics	
Subscription	Visual Studio Professional
Resource group	(new) lcastro
Virtual machine name	lcastro
Region	East US
Availability options	No infrastructure redundancy required
Username	lcastro
Public inbound ports	RDP
Already have a Windows license?	No

Create

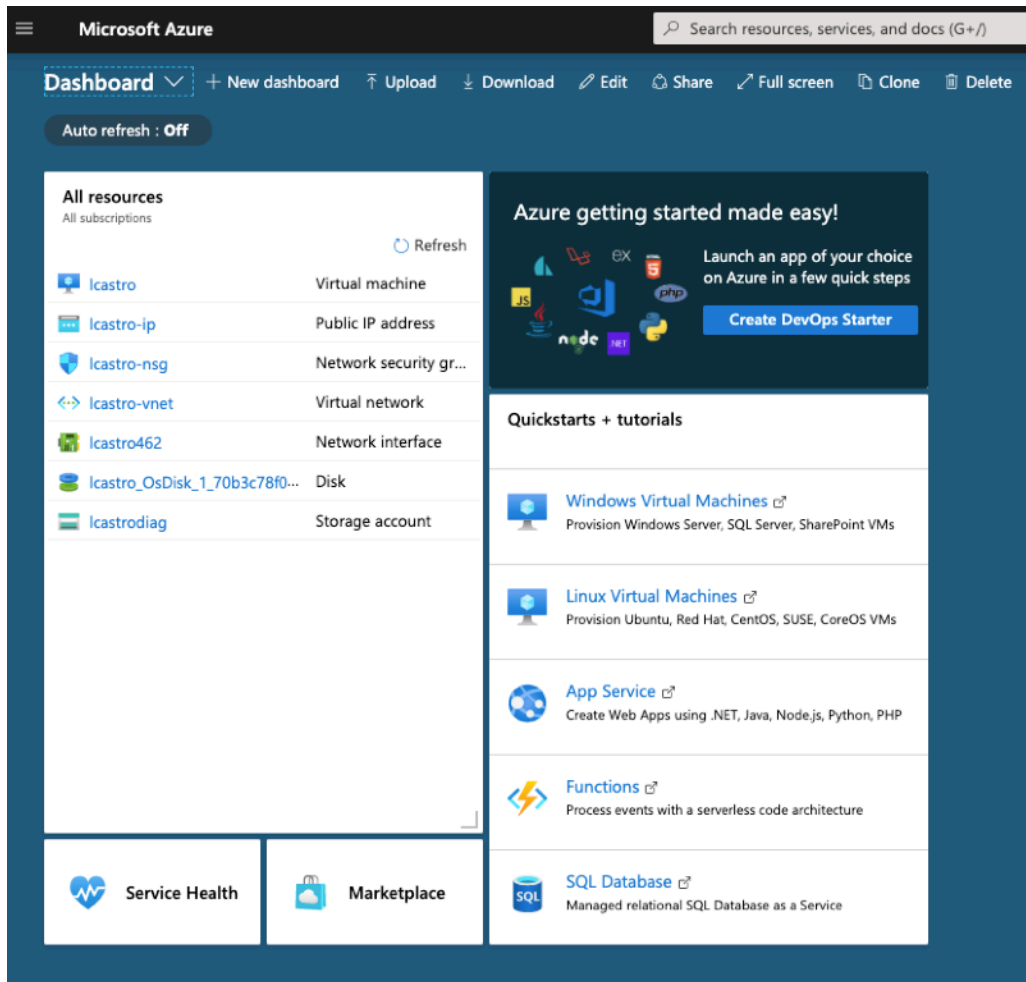
< Previous

Next >

[Download a template for automation](#)



The VM will start being created. You can monitor the creation progress on the Notifications.



The screenshot shows the Microsoft Azure portal dashboard. At the top, there's a search bar and navigation links like 'Dashboard', 'New dashboard', 'Upload', 'Download', 'Edit', 'Share', 'Full screen', 'Clone', and 'Delete'. Below the navigation bar, there's a section for 'All resources' with a list of resources including 'lcastro' (Virtual machine), 'lcastro-ip' (Public IP address), 'lcastro-nsg' (Network security group), 'lcastro-vnet' (Virtual network), 'lcastro462' (Network interface), 'lcastro_OsDisk_1_70b3c78f0...' (Disk), and 'lcastrodiag' (Storage account). To the right of the resource list is a 'Refresh' button. Below the resource list are two buttons: 'Service Health' and 'Marketplace'. On the right side of the dashboard, there's a section titled 'Azure getting started made easy!' with a 'Create DevOps Starter' button. Below this is a 'Quickstarts + tutorials' section with links to 'Windows Virtual Machines', 'Linux Virtual Machines', 'App Service', 'Functions', and 'SQL Database'.

Microsoft Azure

Search resources, services, and docs (G+)

Dashboard ▾ + New dashboard ↑ Upload ↓ Download ✎ Edit 🔄 Share ↗ Full screen 📄 Clone 🗑 Delete

Auto refresh : Off

All resources
All subscriptions

Refresh

lcastro	Virtual machine
lcastro-ip	Public IP address
lcastro-nsg	Network security gr...
lcastro-vnet	Virtual network
lcastro462	Network interface
lcastro_OsDisk_1_70b3c78f0...	Disk
lcastrodiag	Storage account

Service Health Marketplace

Azure getting started made easy!

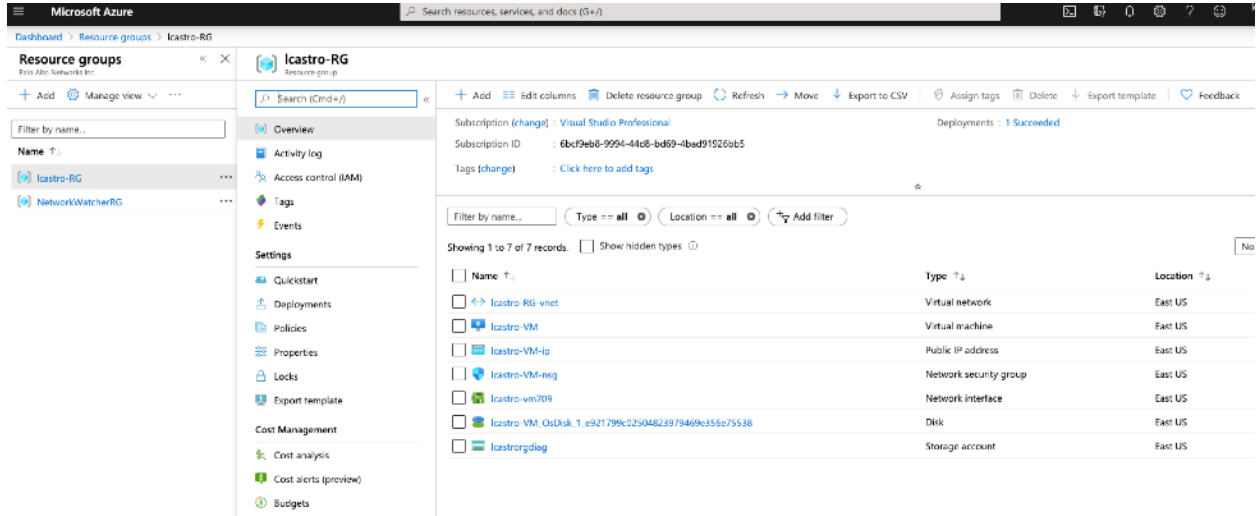
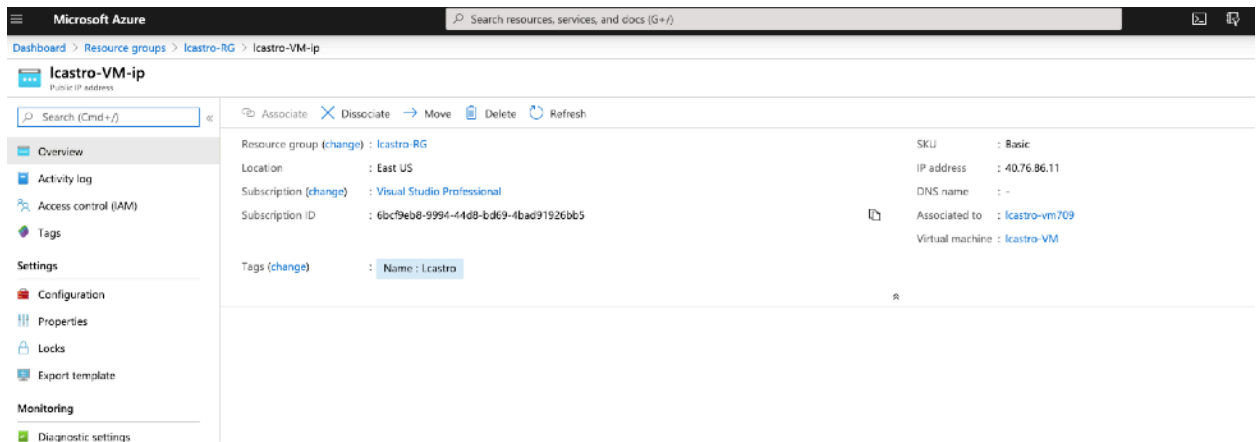
Launch an app of your choice on Azure in a few quick steps

Create DevOps Starter

Quickstarts + tutorials

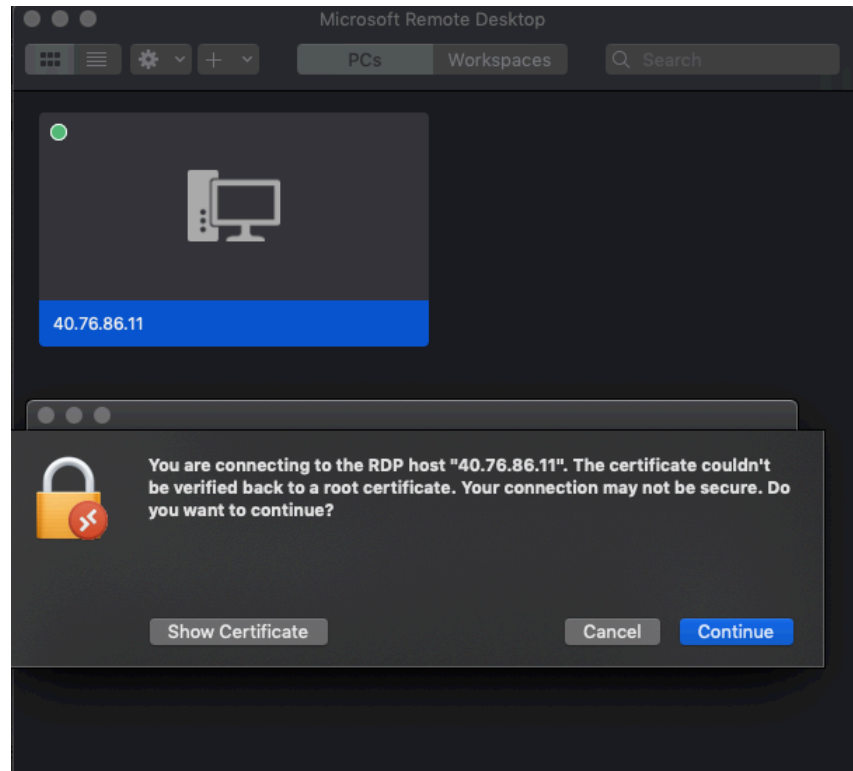
- Windows Virtual Machines ☞
Provision Windows Server, SQL Server, SharePoint VMs
- Linux Virtual Machines ☞
Provision Ubuntu, Red Hat, CentOS, SUSE, CoreOS VMs
- App Service ☞
Create Web Apps using .NET, Java, Node.js, Python, PHP
- Functions ☞
Process events with a serverless code architecture
- SQL Database ☞
Managed relational SQL Database as a Service

Get inside the **Resource Group** you created and look for the Public IP address under username-VM-Ip. Eg: lcastro-VM-IP

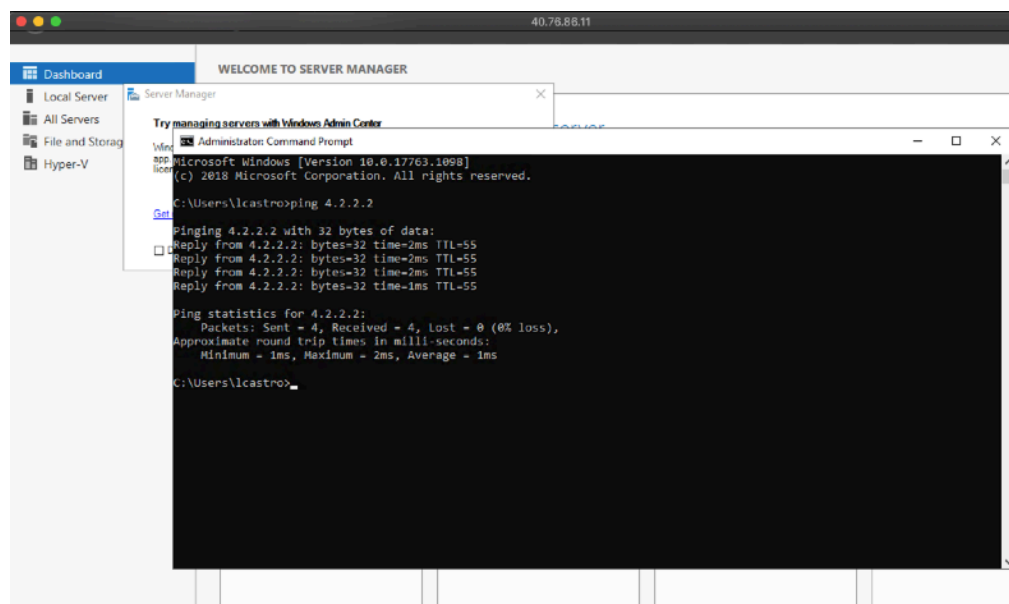



Step 3 - Connect via Microsoft Remote Desktop

Connect to the VM with the IP address and User Credentials created, you can also Download RDPs connection for the server



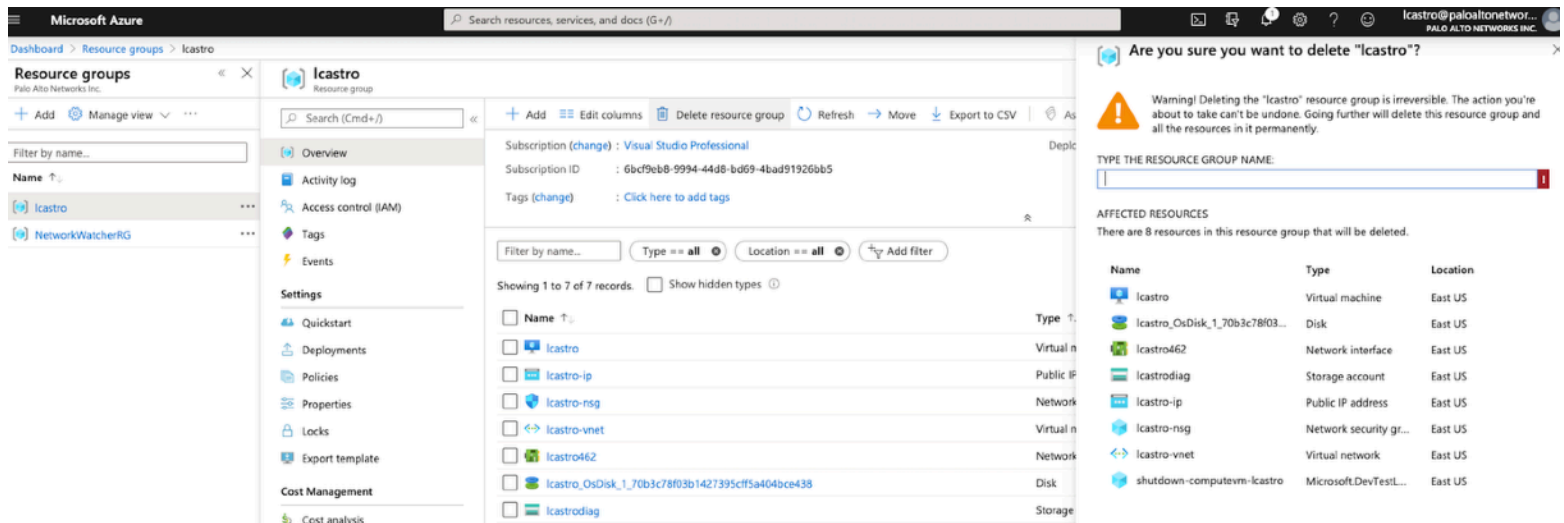
Once you are inside the VM open a CMD Terminal and Ping 4.2.2.2



Step 4

Delete everything by deleting the Resource Group

Go to **Dashboard > Resource Groups > Username-RG > Delete Resource Group**



The screenshot shows the Microsoft Azure portal interface. On the left, the 'Resource groups' list includes 'lcastro' and 'NetworkWatcherRG'. The main pane displays the details for the 'lcastro' resource group, including its subscription, ID, and tags. A 'Delete resource group' button is visible. On the right, a confirmation dialog titled 'Are you sure you want to delete "lcastro"?' is open. It contains a warning message and a table of affected resources.

Are you sure you want to delete "lcastro"?

Warning! Deleting the "lcastro" resource group is irreversible. The action you're about to take can't be undone. Going further will delete this resource group and all the resources in it permanently.

TYPE THE RESOURCE GROUP NAME:

AFFECTED RESOURCES

There are 8 resources in this resource group that will be deleted.

Name	Type	Location
lcastro	Virtual machine	East US
lcastro_OsDisk_1_70b3c78f03...	Disk	East US
lcastro462	Virtual network	East US
lcastrodiag	Storage account	East US
lcastro-ip	Public IP address	East US
lcastro-nsg	Network security group	East US
lcastro-vnet	Virtual network	East US
shutdown-computevm-lcastro	Microsoft.DevTestL...	East US