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Azure services

Create a resource

All resources

Virtual machines

Virtual networks

Private DNS zones

Private DNS zones

+ CreateView

SSH keysMore services

Resources

RecentFavorite

Name	Type	Last Viewed
ahsan	Resource	23 hours ago
payroll	Resource	3 days ago
Azure subscription 1	Subscription	2 weeks ago

See all

Navigate

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Dashboard

Tools

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Microsoft Defender for Cloud

Cost Management

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Home

Private DNS zones

Default Directory

CreateManage viewRefreshExport to CSVOpen queryAssign tags

Filter for any field...Subscription equals allResource group equals allLocation equals allAdd filter

No groupingList view

NameNumb...Numb...Numb...Resource groupSubscription

DNS

No private dns zones to display

Azure Private DNS provides a reliable, secure DNS service to manage and resolve domain names in a virtual network without the need to add a custom DNS solution. By using private DNS zones, you can use your own custom domain names rather than the Azure-provided names available today. Using custom domain names helps you to tailor your virtual network architecture to best suit your organization's needs. It provides name resolution for virtual machines (VMs) within a virtual network and between virtual networks. Additionally, you can configure zones names with a split-horizon view, which allows a private and a public DNS zone to share the name.

Create private dns zone

Learn more

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Home > Private DNS zones >

Create Private DNS zone

BasicsTagsReview + create

A Private DNS zone provides name resolution services within virtual networks. A Private DNS zone is accessible only from the virtual networks that it is linked to and can't be accessed over internet. For example you can create a Private DNS zone named contoso.com and then create DNS records like www.contoso.com in this zone. You can then link the zone to a one or more virtual networks. [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 \* Azure subscription 1

Resource group \* myResourceGroup  
[Create new](#)

**Instance details**

Name \* private.contoso.com

Resource group location West US 3

**?** You can link virtual networks to this Private DNS zone after zone has been created.

Review + create

Previous

Next : Tags >

[Download a template for automation](#)

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Home > Private DNS zones >

Create Private DNS zone

Validation passed

BasicsTagsReview + create

**Basics**

Subscription	Azure subscription 1
Resource group	myResourceGroup
Resource group location	westus3
Name	private.contoso.com

**Tags**

None

Create

Previous

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Other Bookmarks

Home >NoMarketplace-20220801104413 | OverviewDeployment

Search (Ctrl+/)DeleteCancelRedeployRefresh

OverviewInputsOutputsTemplate

Deployment is in progress

Deployment name: NoMarketplace-20220801104413

Subscription: Azure subscription 1

Resource group: myResourceGroup

Start time: 8/1/2022, 10:47:01 AM

Correlation ID: ed43e164-cbb1-4356-84b2-72dcb15833c5

Deployment details (Download)

Resource	Type	Status	Operation details
private.contoso.com	Microsoft.Network/privateDnsZones	Accepted	Operation details

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Home >NoMarketplace-20220801104413 | Overview >

private.contoso.comPrivate DNS zone

Search (Ctrl+/)+ Record setMoveDelete zoneRefresh

OverviewActivity logAccess control (IAM)TagsDiagnose and solve problems

Essentials

Resource group (move) : myResourceGroup

Subscription (move) : Azure subscription 1

Subscription ID : 2f1c5134-8ec1-4472-a3cc-8c30f0372c8

Tags (edit) : Click here to add tags

Settings

Virtual network links

PropertiesLocks

MonitoringAlertsMetrics

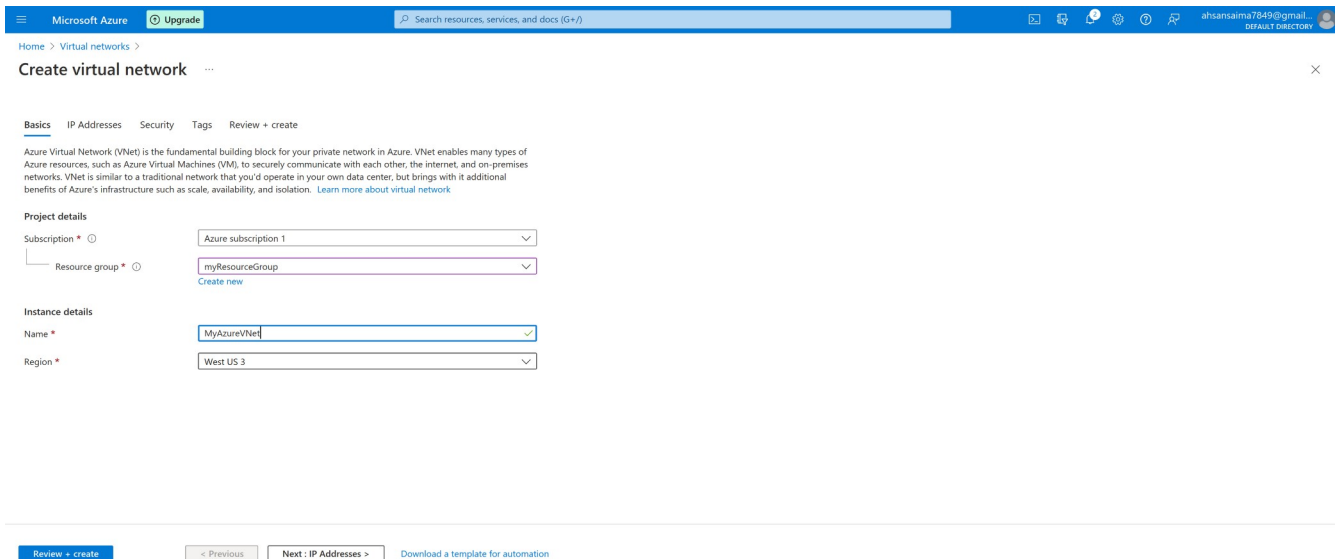
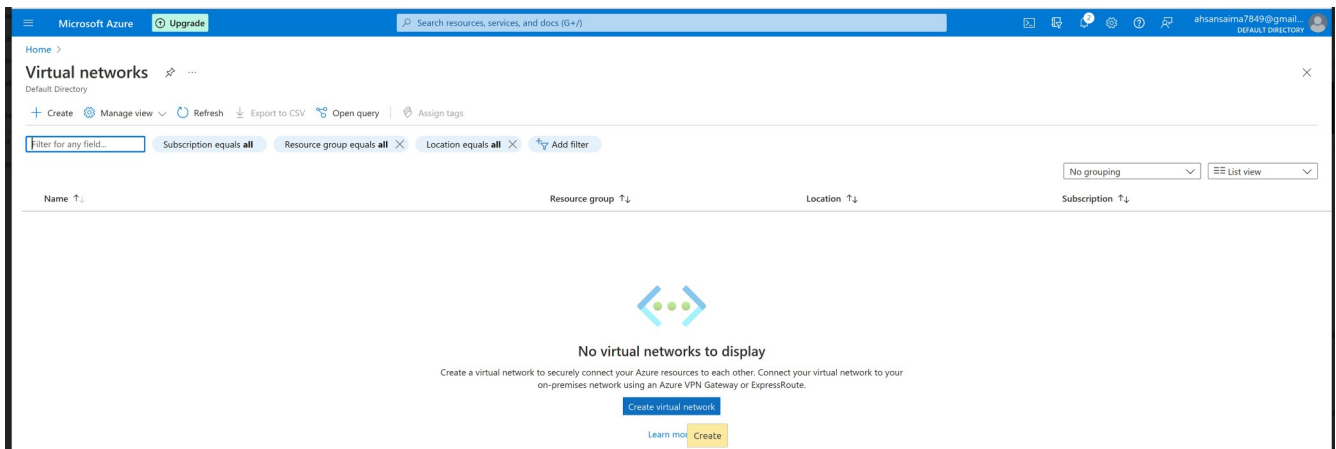
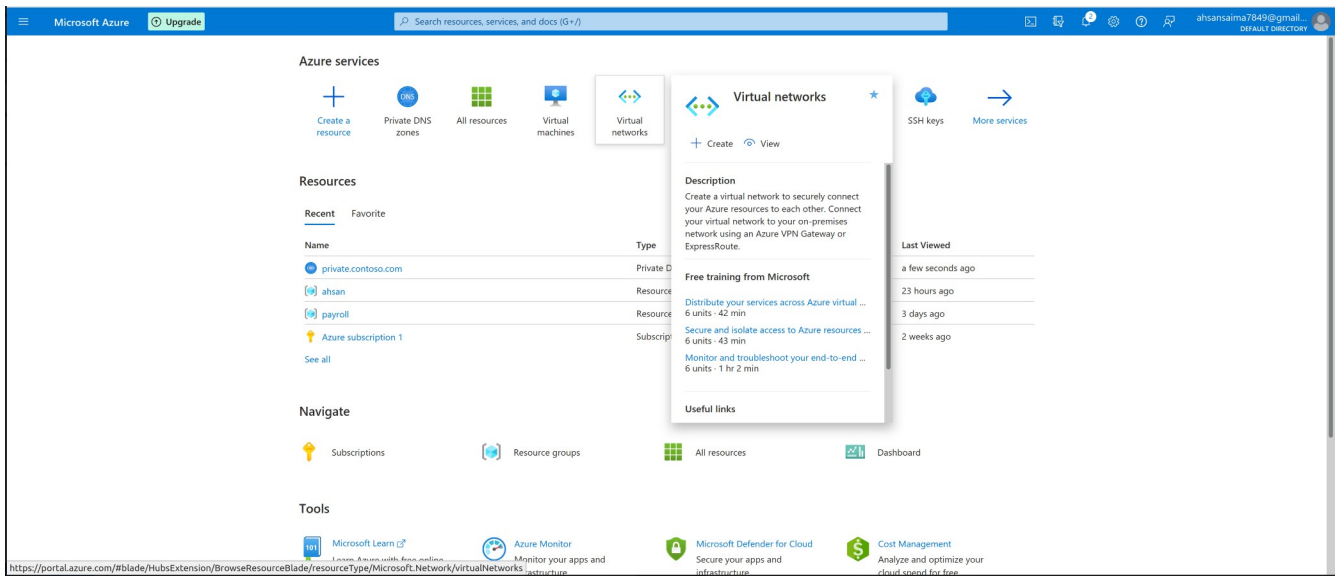
AutomationTasks (preview)Export template

Support + troubleshootingNew Support Request

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

Search record sets

Name	Type	TTL	Value	Auto registered	
@	SOA	3600	Email: azureprivatedns-host.microsoft.com Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False	...



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DEFAULT DIRECTORY

Home > Virtual networks >

Create virtual network

BasicsIP AddressesSecurityTagsReview + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

IPv4 address space

10.0.0.0/1610.0.0.0 - 10.0.255.255 (65536 addresses)

10.2.0.0/16

☐ Add IPv6 address space

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

+ Add subnet

Remove subnet

<input type="checkbox"/> Subnet name	Subnet address range	NAT gateway
<input type="checkbox"/> default	10.0.0.0/24	-

Use of a NAT gateway is recommended for outbound internet access from a subnet. You can deploy a NAT gateway and assign it to a subnet after you create the virtual network. [Learn more](#)

Review + create

< Previous

Next: Security >

Download a template for automation

Add subnet

Subnet name \*  
MyAzureSubnet

Subnet address range \*  
10.2.0.0/24

10.2.0.0 - 10.2.0.255 (251 + 5 Azure reserved addresses)

NAT GATEWAY

Simplify connectivity to the internet using a network address translation gateway. Outbound connectivity is possible without a load balancer or public IP addresses attached to your virtual machines. [Learn more](#)

NAT gateway  
None

SERVICE ENDPOINTS

Create service endpoint policies to allow traffic to specific azure resources from your virtual network over service endpoints. [Learn more](#)

Services  
0 selected

Add

Cancel

Microsoft Azure

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DEFAULT DIRECTORY

Home > Virtual networks >

Create virtual network

Validation passed

BasicsIP AddressesSecurityTagsReview + create

Basics

Subscription  
Azure subscription 1

Resource group  
myResourceGroup

Name  
MyAzureVNet

Region  
West US 3

IP addresses

Address space  
10.0.0.0/16,10.2.0.0/16

Subnet  
default (10.0.0.0/24),MyAzureSubnet (10.2.0.0/24)

Tags

None

Security

BastionHost  
Disabled

DDoS protection plan  
Basic

Firewall  
Disabled

Create

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DEFAULT DIRECTORY

Home >

Microsoft.VirtualNetwork-20220801105449 | Overview

Deployment

Search (Ctrl+ /)

DeleteCancelRedeployRefresh

We'd love your feedback

Deployment is in progress

Deployment name: Microsoft.VirtualNetwork-20220801105449  
Subscription: Azure subscription 1  
Resource group: myResourceGroup

Start time: 8/1/2022, 10:57:20 AM  
Correlation ID: 373d70e7-2d18-4565-97da-b7eeeb3aa1a4

Deployment details (Download)

Resource	Type	Status	Operation details
No results.			

Deployment in progress...  
Deployment to resource group 'myResourceGroup' is in progress.

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Search resources, services, and docs (G+)

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DEFAULT DIRECTORY

Home > Microsoft.VirtualNetwork-20220801105449 | Overview > MyAzureVNet

MyAzureVNet | Subnets

Virtual network

Search (Ctrl+/)

+ Subnet + Gateway subnet Refresh Manage users Delete

Overview

Activity log

Access control (IAM)

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Diagnose and solve problems

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Search subnets

Name ↑↓	IPv4 ↑↓	IPv6 ↑↓	Available IPs ↑↓	Delegated to ↑↓	Security group ↑↓	Route table ↑↓
default	10.0.0.0/24	-	251	-	-	...
MyAzureSubnet	10.2.0.0/24	-	251	-	-	...

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

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DEFAULT DIRECTORY

Home >

myResourceGroup

Resource group

Search (Ctrl+/)

+ Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete Export template Open in mobile

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Policies

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Locks

Essentials

Subscription (move): Azure subscription 1

Subscription ID: 2f1c5134-8ec1-4472-a3cc-8c30fc0372c8

Tags (edit): Click here to add tags

Deployments: 2 Succeeded

Location: West US 3

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Showing 1 to 2 of 2 records. Show hidden types

Name ↑↓	Type ↑↓	Location ↑↓
MyAzureVNet	Virtual network	West US 3
private.contoso.com	Private DNS zone	Global

No grouping List view

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

ahsamsaima7849@gmail...  
DEFAULT DIRECTORY

Home >

myResourceGroup

Resource group

Search (Ctrl+/)

+ Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete Export template Open in mobile

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Cost alerts (preview)

Essentials

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MyAzureVNet	Virtual network	West US 3
private.contoso.com	Private DNS zone	Global

No grouping List view

private.contoso.com

View

Microsoft Azure

Upgrade

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Home > myResourceGroup >

private.contoso.com

Private DNS zone

Search (Ctrl+/)

+ Record set Move Delete zone Refresh

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

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DEFAULT DIRECTORY

Home > myResourceGroup >

private.contoso.com  
Private DNS zone

Search (Ctrl+/)

+ Record set → Move Delete zone Refresh

JSON View

Essentials

Resource group (move) : myResourceGroup

Subscription (move) : Azure subscription 1

Subscription ID : 2f1c5134-8ec1-4472-a3cc-8c30fc0372c8

Tags (edit) : Click here to add tags

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DEFAULT DIRECTORY

Home > myResourceGroup > private.contoso.com

private.contoso.com | Virtual network links  
Private DNS zone

Search (Ctrl+/)

+ Add Refresh

Search virtual network links

Link Name	Link status	Virtual network	Auto-Registration
No results.			

Overview

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Microsoft Azure

Upgrade

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

ahsansaima7849@gmail...  
DEFAULT DIRECTORY

Home > myResourceGroup > private.contoso.com | Virtual network links >

Add virtual network link  
private.contoso.com

Link name \*

myLink

Virtual network details

Only virtual networks with Resource Manager deployment model are supported for linking with Private DNS zones. Virtual networks with Classic deployment model are not supported.

I know the resource ID of virtual network

Subscription \*

Azure subscription 1

Virtual network \*

MyAzureVNet (myResourceGroup)

Configuration

Enable auto registration

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Microsoft Azure

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

ahsansaima7849@gmail...  
DEFAULT DIRECTORY

Home > myResourceGroup > private.contoso.com | Virtual network links >

Add virtual network link  
private.contoso.com

Link name \*

myLink

Virtual network details

Only virtual networks with Resource Manager deployment model are supported for linking with Private DNS zones. Virtual networks with Classic deployment model are not supported.

I know the resource ID of virtual network

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Azure subscription 1

Virtual network \*

MyAzureVNet (myResourceGroup)

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

ahsansaima7849@gmail...  
DEFAULT DIRECTORY

Home > myResourceGroup > private.contoso.com

private.contoso.com | Virtual network links ☆ ...

Private DNS zone

Search (Ctrl+J) < + Add Refresh

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Search virtual network links

Link Name	Link status	Virtual network	Auto-Registration
No results.			

... Creating virtual network link  
Creating virtual network link 'myLink'

Microsoft Azure

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

ahsansaima7849@gmail...  
DEFAULT DIRECTORY

Home > myResourceGroup > private.contoso.com

private.contoso.com | Virtual network links ☆ ...

Private DNS zone

Search (Ctrl+J) < + Add Refresh

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Search virtual network links

Link Name	Link status	Virtual network	Auto-Registration	
mylink	Completed	MyAzureVNet	Enabled	...

Microsoft Azure

Upgrade

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

ahsansaima7849@gmail...  
DEFAULT DIRECTORY

Home > myResourceGroup > private.contoso.com | Virtual network links >

mylink ...

private.contoso.com

Save Discard Delete Access Control (IAM) Tags

Link name

mylink

Link state

Completed

Provisioning state

Succeeded

Virtual network details

Virtual network id

/subscriptions/2f1c5134-8ec1-4472-a3cc-8c30fc0372c8/resourceGroups/myResourceGroup/providers/Microsoft.N...

Copy to clipboard

Virtual network

MyAzureVNet

Configuration

☒ Enable auto registration ⓘ