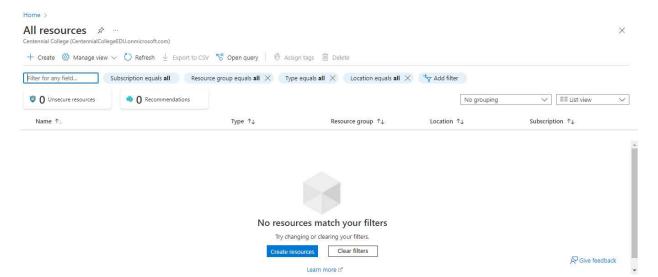
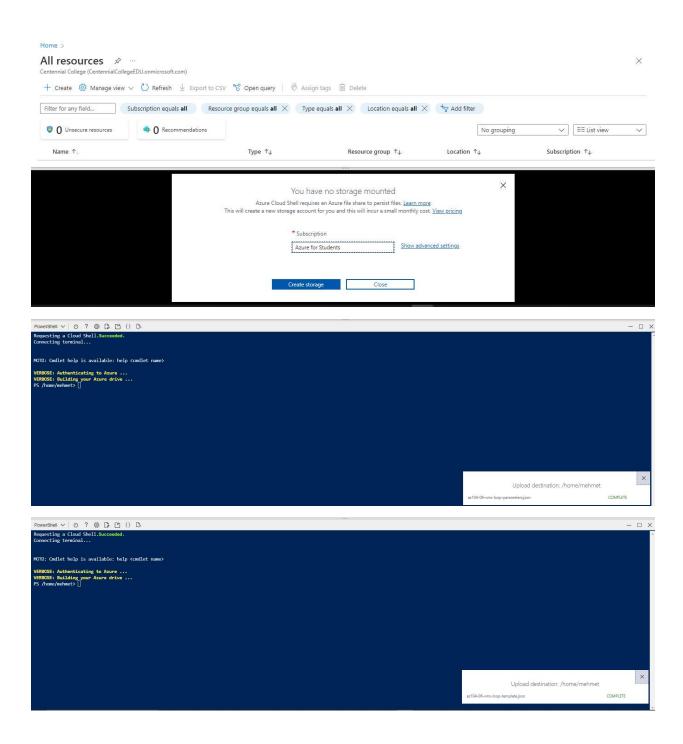


At the beginning





```
Requesting a Cloud Shell.Succeeded.
Connecting terminal...

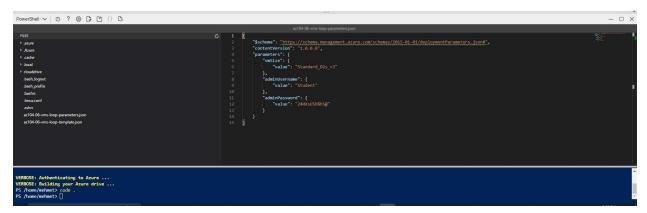
MOTD: Cmdlet help is available: help <cmdlet name>

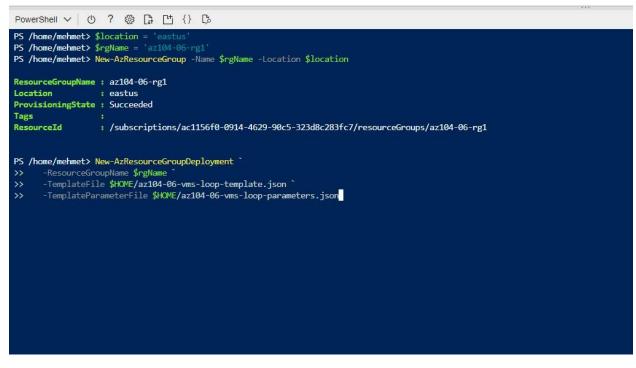
VERBOSE: Authenticating to Azure ...

VERBOSE: Building your Azure drive ...

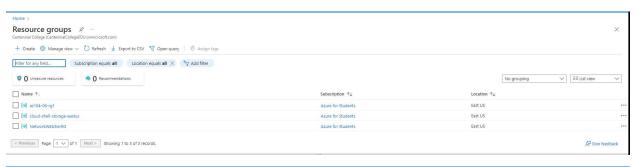
PS /home/mehmet> code .

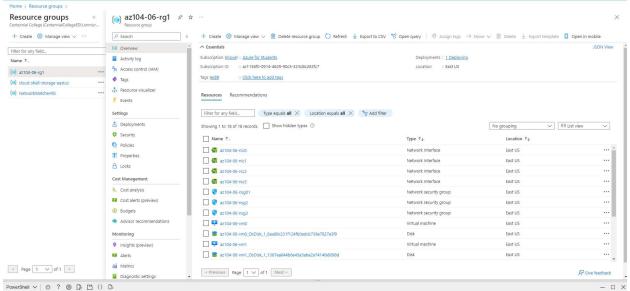
PS /home/mehmet>
```

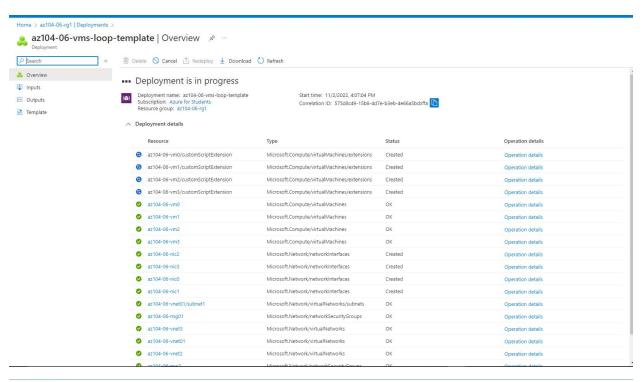


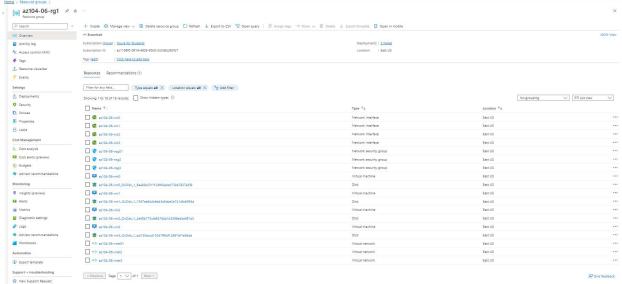


DeploymentName : az104-06-vms-loop-template : az104-06-rg1 ResourceGroupName ProvisioningState : Succeeded : 11/4/2022 2:33:01 AM Timestamp Mode : Incremental TemplateLink Parameters Type Value ______ "Standard DS1 v2" vmSize String "az104-06-vm" vmName String vmCount Int String adminUsername "Student" adminPassword null SecureString **Outputs** DeploymentDebugLogLevel:

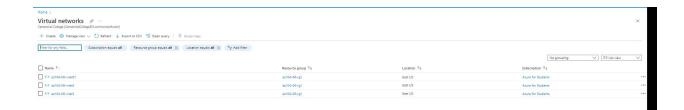








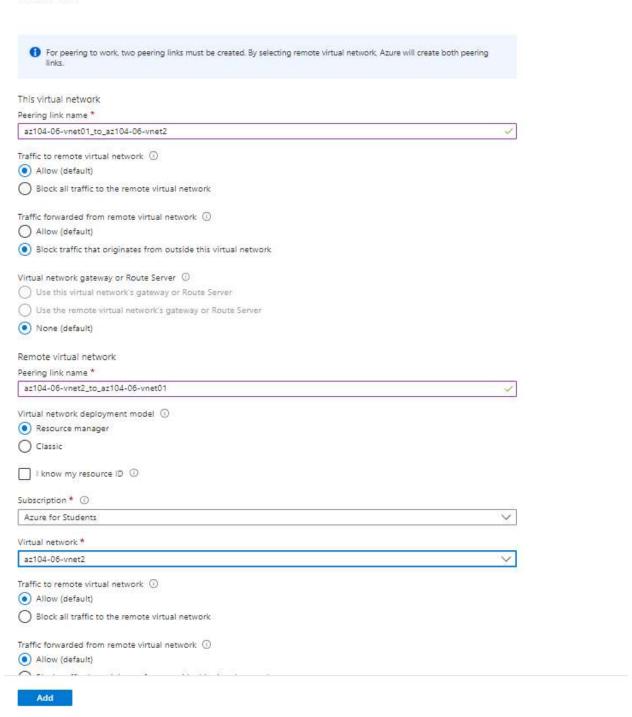
```
PS /home/mehmet> $rgName = 'az104-06-rg1'
PS /home/mehmet> $location = (Get-AzResourceGroup -ResourceGroupName $rgName).loc
PS /home/mehmet> $vmNames = (Get-AzVM -ResourceGroupName $rgName).Name
PS /home/mehmet> foreach ($vmName in $vmNames) {
    Set-AzVMExtension
    -ResourceGroupName $rgName >
   -Location $location `
   -VMName $vmName >
   -Name 'networkWatcherAgent' *
    -Publisher 'Microsoft.Azure.NetworkWatcher'
    -Type 'NetworkWatcherAgentWindows' *
    -TypeHandlerVersion '1.4'
>> }
RequestId IsSuccessStatusCode StatusCode ReasonPhrase
                                    OK OK
                        True
                                     OK OK
                        True
                                     ок ок
                        True
                                     OK OK
                         True
PS /home/mehmet>
```



Home > Virtual networks > az104-06-vnet01 | Peerings >

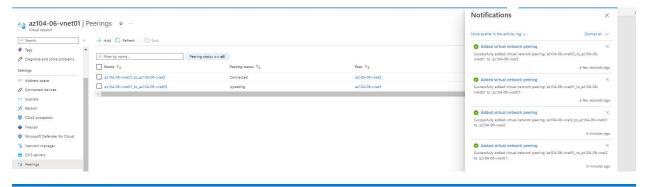
Add peering

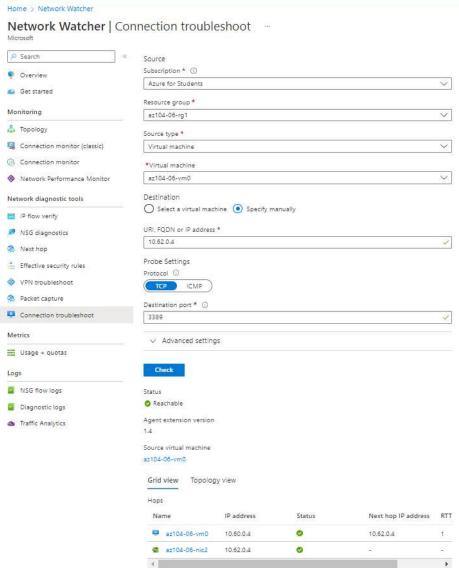
az104-06-vnet01





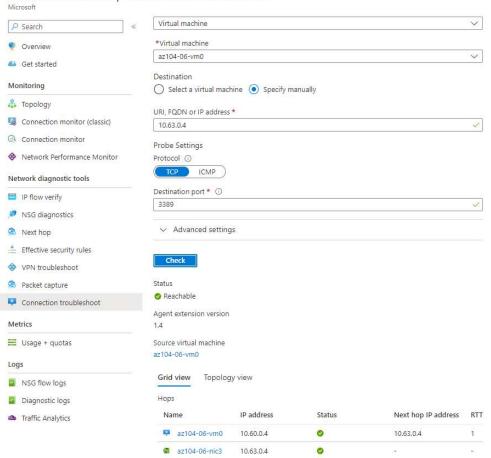
Add peering	
his virtual network	
eering link name *	
az104-06-vnet01_to_az104-06-vnet03	<u></u>
	10
raffic to remote virtual network ①	
Allow (default)	
Block all traffic to the remote virtual network	
raffic forwarded from remote virtual network ①	
Allow (default)	
Block traffic that originates from outside this virtual network	
irtual network gateway or Route Server ①	
Use this virtual network's gateway or Route Server	
Use the remote virtual network's gateway or Route Server	
None (default)	
emote virtual network	
eering link name *	
az104-06-vnet03.to_az104-06-vnet01	
Resource manager	
Classic I know my resource ID ① ubscription * ① Azure for Students	~
Ubscription * ① Azure for Students	~
I know my resource ID	~ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
I know my resource ID ① ubscription * ① Azure for Students irtual network * az104-06-vnet3	V
Ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ①	V
I know my resource ID ① ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default)	×
Ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ①	~ \ \ \ \ \
I know my resource ID ① ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default)	V V
I know my resource ID ① ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default) Block all traffic to the remote virtual network	V
I know my resource ID ① ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default) Block all traffic to the remote virtual network raffic forwarded from remote virtual network ①	~ \ \ \ \ \
Ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default) Block all traffic to the remote virtual network raffic forwarded from remote virtual network ①	
Ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default) Block all traffic to the remote virtual network raffic forwarded from remote virtual network Allow (default) Allow (default) Block traffic that originates from outside this virtual network	*
Ubscription * ① Azure for Students irtual network * az104-06-vnet3 raffic to remote virtual network ① Allow (default) Block all traffic to the remote virtual network raffic forwarded from remote virtual network Allow (default) Block traffic that originates from outside this virtual network irtual network gateway or Route Server ①	*

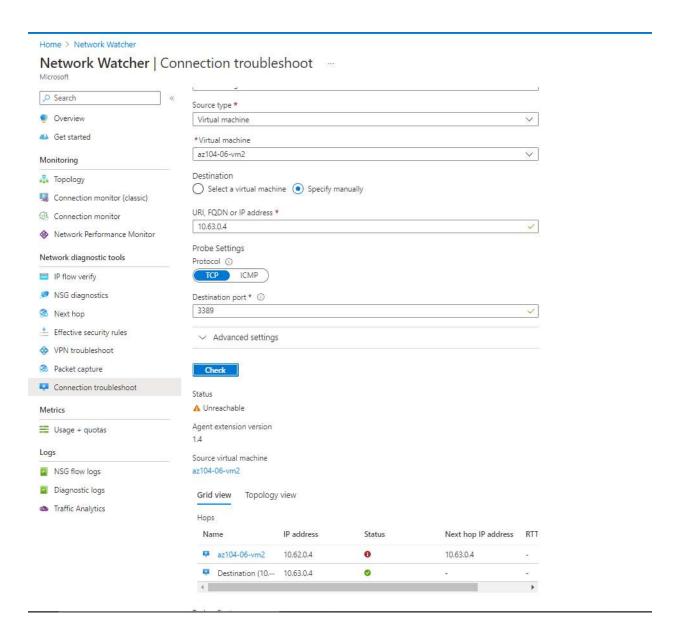




Home > Network Watcher

Network Watcher | Connection troubleshoot







ipconfig1

IP Version

IPv4

Туре

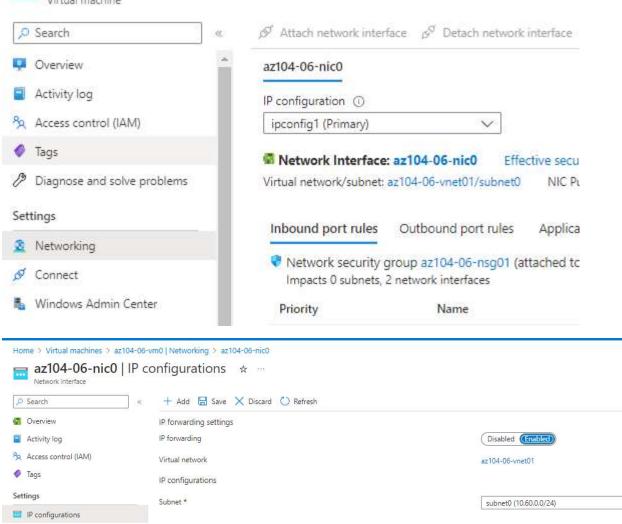
Primary

DNS servers

III Properties

≜ Locks

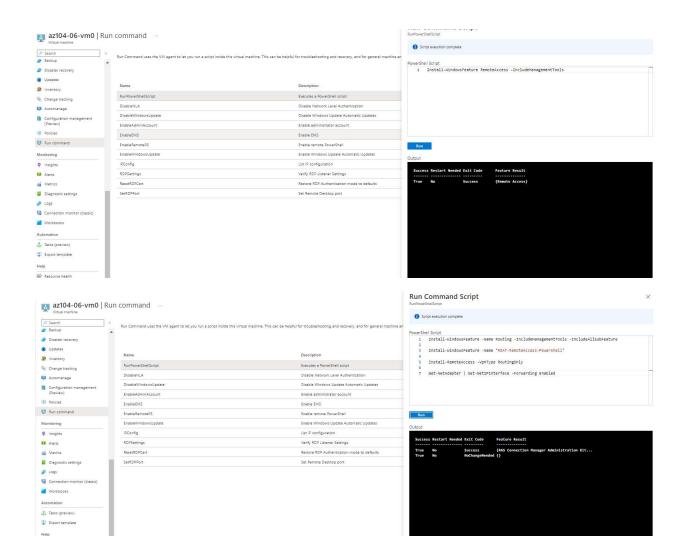
Network security group



Private IP address

10.60.0.4 (Dynamic)

Public IP address



Home > Route tables >

Create Route table



Basics Tags Review + create

TERMS

 $By \ clicking \ "Create", I \ (a) \ agree \ to \ the \ legal \ terms \ and \ privacy \ statement \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ with \ the \ Marketplace \ offering \ (s) \ associated \ (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.

Basics

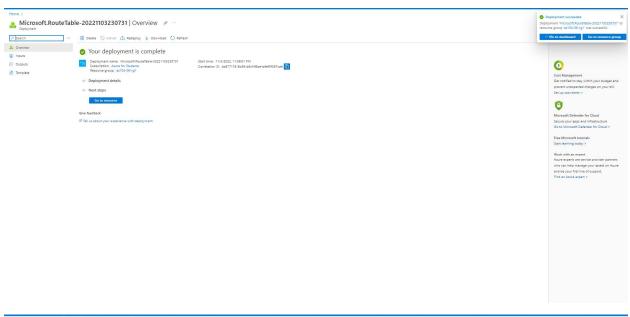
Azure for Students Subscription Resource group az104-06-rg1 East US az104-06-rt23

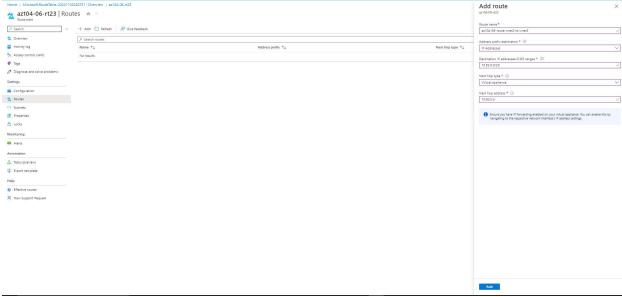
No Propagate gateway routes

Create < Previous

Next

Download a template for automation









Create Route table



Basics Tags Review + create

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.

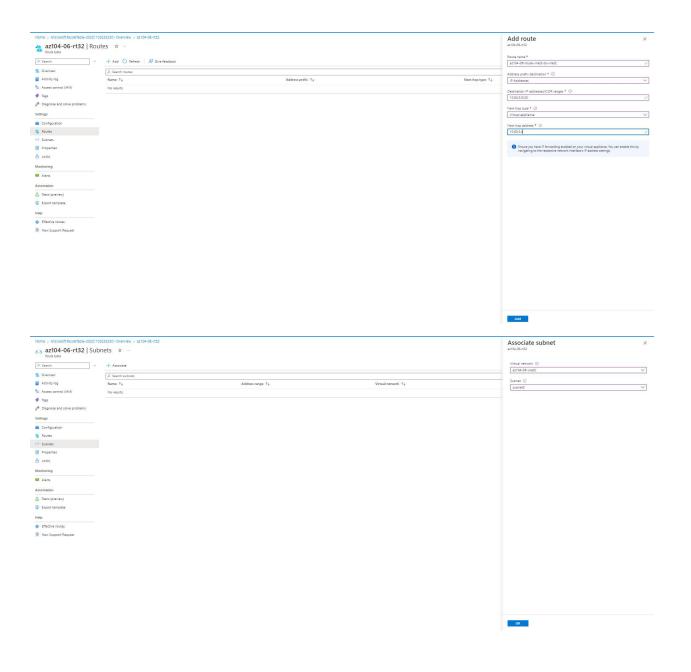
Basics

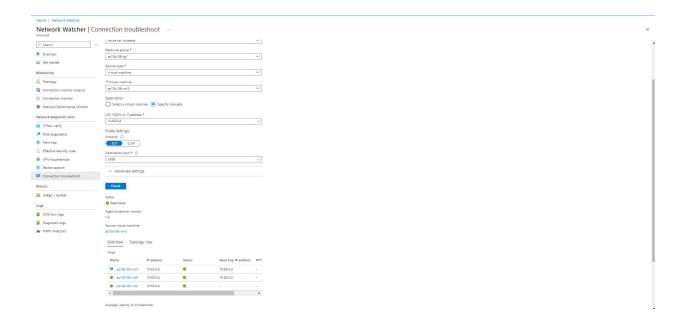
Subscription Azure for Students Resource group az104-06-rg1 East US Region Name az104-06-rt32 No Propagate gateway routes

Create

< Previous

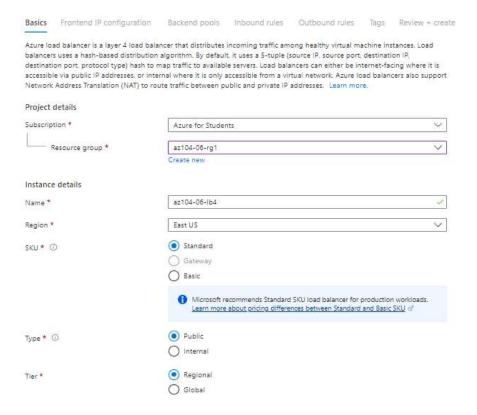
Download a template for automation





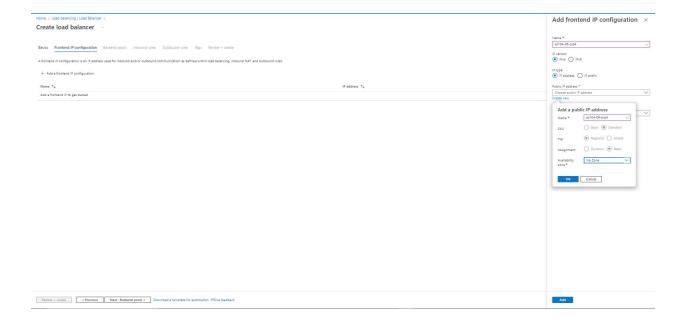
Home > Load balancing | Load Balancer >

Create load balancer



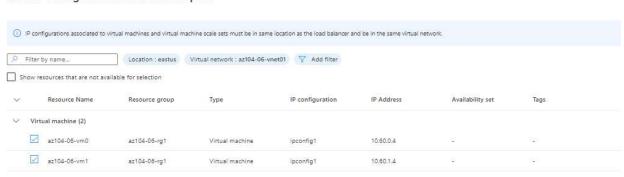
Review + create

Previous Next : Frontend IP configuration > Download a template for automation RGive feedback



Home > Load balancing | Load Balancer > Create load balancer > Add backend pool >

Add IP configurations to backend pool



Home > Load balancing | Load Balancer > Create load balancer > Add backend pool Name * az104-06lb4-be1 az104-06-vnet01 (az104-06-rg1) Virtual network (i) Backend Pool Configuration (I) NIC (IP address IP configurations IP configurations associated to virtual machines and virtual machine scale sets must be in same location as the load balancer and be in the same virtual network. + Add | X Remove Resource Na... Resource gro... Type IP configurat... IP Address Availability ...

Virtual machine

Virtual machine ipconfig1

ipconfig1

10.60.0.4

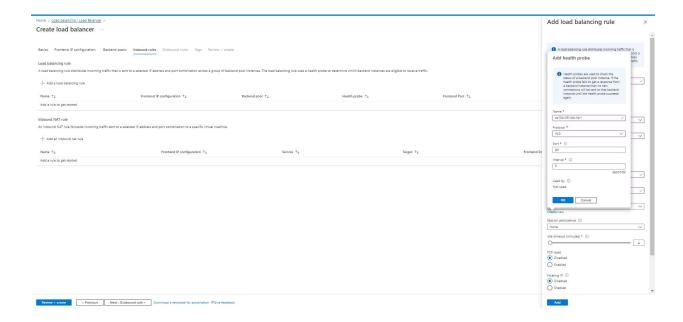
10.60.1.4

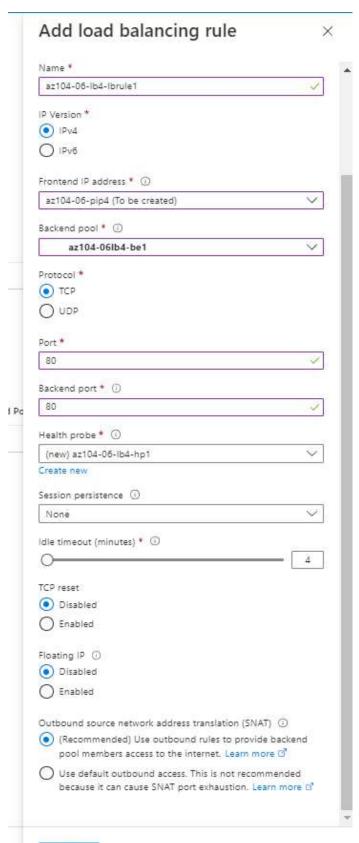
az104-06-vm0

az104-06-vm1

az104-06-rg1

az104-06-rg1





Add

Create load balancer



Basics Frontend IP configuration Backend pools Inbound rules Outbound rules Tags Review + create

Basics

 Subscription
 Azure for Students

 Resource group
 az104-06-rg1

 Name
 az104-06-lb4

 Region
 East US

 SKU
 Standard

 Tier
 Regional

 Type
 Public

Frontend IP configuration

Frontend IP configuration name az104-06-pip4
Frontend IP configuration IP address To be created

Backend pools

Backend pool name az104-06lb4-be1

Inbound rules

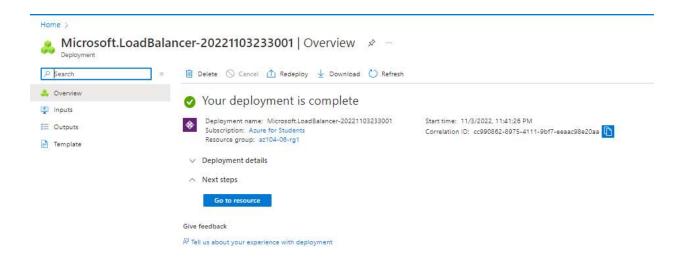
Load balancing rule name az104-06-lb4-lbrule1
Health probe name az104-06-lb4-hp1

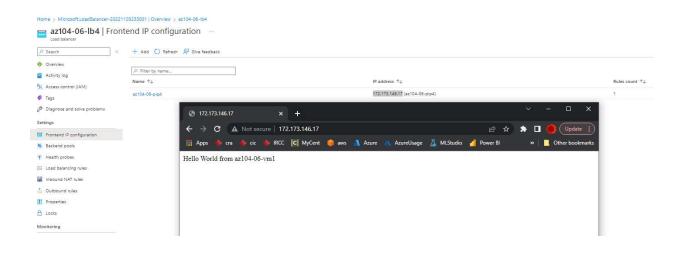
Outbound rules

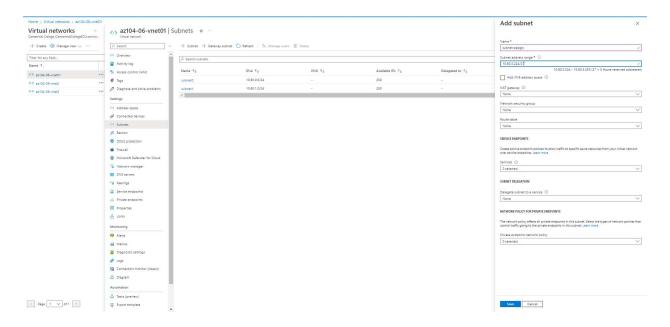
None

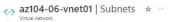
Tags

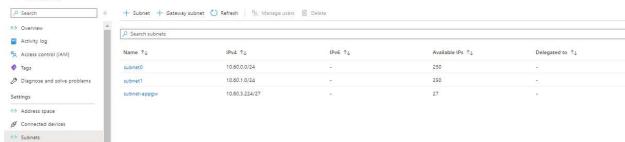
None











Home > Load balancing | Application Gateway >

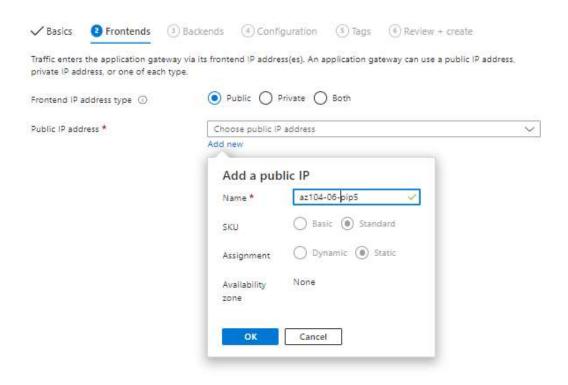
Create application gateway ...

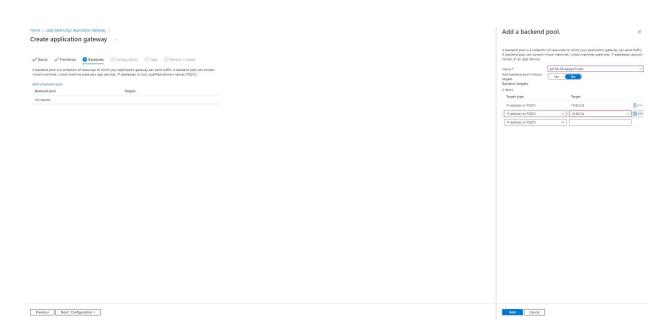
1 Basics	(2) Frontends	3 Backends	(4) Configuration	③ Tags	Review + create	
	on gateway is a wel cation gateway	o traffic load balan	cer that enables you to	manage traff	ic to your web application	. Learn more
Project det	ails					
Select the su your resour		ge deployed reso	urces and costs. Use res	ource groups	like folders to organize a	nd manage all
Subscription	n* ①	Azu	re for Students			~
Reso	ource group * ()	az10	04-06-rg1			~
		Creat	e new			
Instance de	etails					
Application	gateway name *	az10	14-06-appgw5			×.
Region *		East	us			V
Tier ①		Stan	dard V2			Y
Enable auto	scaling	OY	es 💿 No			
Instance cou	unt	2				
Availability :	zone ①	Non	e			~
нттра ①		()	isabled O Enabled			
Configure	virtual network					
Virtual netw	ork* ①	az10	4-06-vnet01			V
		Creat	e new			
Subnet * ()		net-appgw (10.60.3.224	77.1.1.1		~
		Mana	ge subnet configuration	7		

Previous Next : Frontends >

Home > Load balancing | Application Gateway >

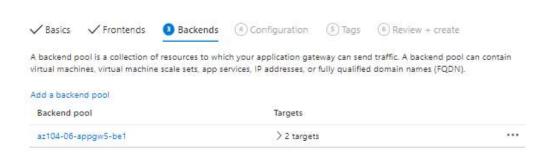
Create application gateway

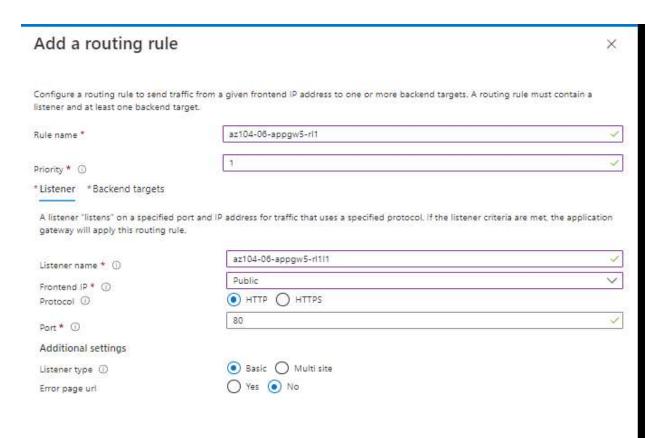






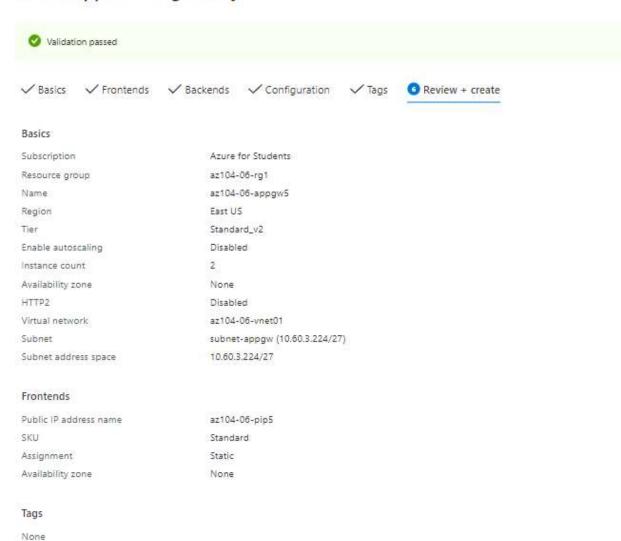
Create application gateway





Add Backend setting		×
← Discard changes and go back to rout	ting rules	
Backend settings name *	az104-06-appgw5-http1	
Backend protocol	HTTP O HTTPS	
Backend port *	80	
Additional settings	dia	
Cookie-based affinity ①	○ Enable	
Connection draining ①	O Enable Disable	
Request time-out (seconds) * ①	20	
Override backend path ①		
Host name		
	(A) TYPE (A) TOTAL SECTION (A) (A)	
endpoint. Change these settings to ove	Yes No Pick host name from backend target	
endpoint. Change these settings to over	Yes No Pick host name from backend target Override with specific domain name	
backend. Multi-tenant services like App endpoint. Change these settings to over Override with new host name Host name override Host name	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com	
endpoint. Change these settings to over Override with new host name Host name override	Yes No Pick host name from backend target Override with specific domain name	
endpoint. Change these settings to over Override with new host name Host name override Host name	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com	
endpoint. Change these settings to over Dverride with new host name Host name override Host name	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com	
Override with new host name Host name override Host name Create custom probes	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com	
Override with new host name Host name override Host name Create custom probes	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com	
Override with new host name Host name override Host name Create custom probes Losd bilancing Application Galerary > tet application gateway sis	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com Yes No	
endpoint. Change these settings to over Override with new host name Host name override Host name	Yes No Pick host name from backend target Override with specific domain name e.g. contoso.com Yes No	Backend pools

Create application gateway



Next

