

APPLICATION GATEWAY

The screenshot shows two consecutive views of the Azure portal for creating and managing a virtual network.

Create virtual network (Top Screenshot):

- Validation passed** (green bar)
- Basics** tab selected
- Subscription**: Azure subscription 1 (nandini)
- Name**: vnet-01
- Region**: Korea Central
- Security** section: Azure Bastion (Disabled), Azure Firewall (Disabled), Azure DDoS Network Protection (Disabled)
- IP addresses** section: Address space 10.0.0.0/16 (65,536 addresses)
- Buttons**: Previous, Next, Create (blue), Download a template for automation

vnet-01 Overview (Bottom Screenshot):

- Overview** tab selected
- Essentials** section:
 - Resource group (move) : nandini
 - Location (move) : Korea Central
 - Subscription (move) : Azure subscription 1
 - Subscription ID : a3107e0d-376f-4650-b383-aa7b2b3c0c9a
 - Address space : 10.0.0.0/16
 - Subnets : 2 subnets
 - DNS servers : Azure provided DNS service
 - BGP community string : Configure
 - Virtual network ID : cf1b15a2-7859-4bf1-aaff-cf97cef7a9cc
- Capabilities (5)** tab selected
- DDoS protection**: Configure additional protection from distributed denial of service attacks. Status: Not configured
- Azure Firewall**: Protect your network with a stateful L3-L7 firewall. Status: Not configured
- Peerings**: Seamlessly connect two or more virtual networks. Status: Not configured
- Microsoft Defender for Cloud**: Strengthen the security posture of your environment. Status: Not configured
- Private endpoints** (button)

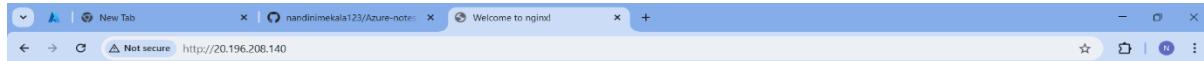
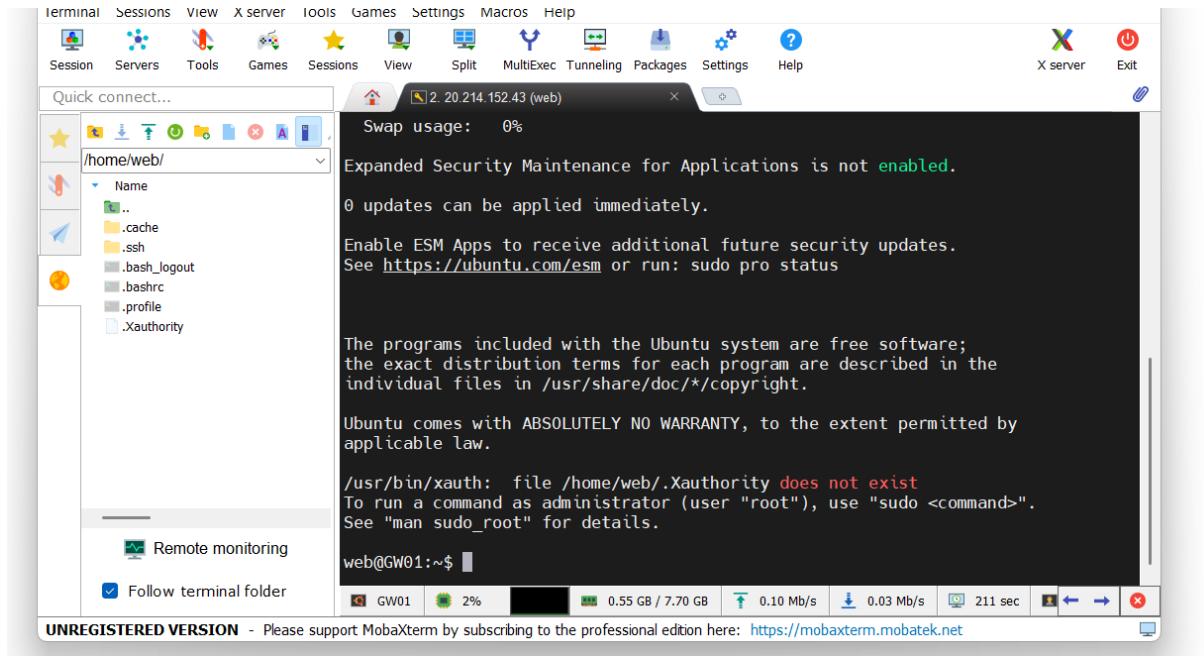
Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.





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```

/usr/bin/xauth:  file /home/web/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

web@GW01:~$ sudo su
root@GW01:/home/web# cd /var/www/html/
root@GW01:/var/www/html# ls
index.nginx-debian.html
root@GW01:/var/www/html# mkdir personal
root@GW01:/var/www/html# ls
index.nginx-debian.html personal
root@GW01:/var/www/html# ls
index.nginx-debian.html personal
root@GW01:/var/www/html# mv index.nginx-debian.html personal/
root@GW01:/var/www/html# ls
personal
root@GW01:/var/www/html# cd personal# pwd
bash: cd: too many arguments
root@GW01:/var/www/html# cd personal/
root@GW01:/var/www/html/personal# pwd
/var/www/html/personal
root@GW01:/var/www/html/personal#

```

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NOW CREATE APPLICATION GATEWAY

Validation passed

Basics Frontends Backends Configuration Tags [Review + create](#)

Basics

Subscription	Azure subscription 1
Resource group	nandhini
Name	appgw01
Region	Korea Central
Tier	Standard_v2
Enable autoscaling	Enabled
Minimum instance count	0
Maximum instance count	10
Availability zone	Zones 1, 2, 3
HTTP2	Disabled
FIPS (Federal Information Processing Standard) mode 140-2	Disabled
Virtual network	vnet-nandhini
Subnet	subnet01 (172.18.1.0/24)

[Create](#) [Previous](#) [Next](#) Download a template for automation

24°C Sunny ENG IN 11:50 03-02-2026

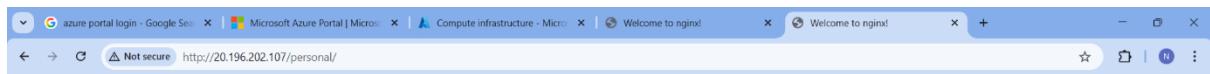


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Thank you for using nginx.



Welcome to personal bank!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

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Thank you for using nginx.



Add a routing rule - Microsoft

Welcome to nginx! Welcome to nginx!

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

Copilot | Help | Settings | ? | 11:54 | ENG IN | 03-02-2026

Home > Load balancing and content delivery | Application gateways

Create application gateway ...

✓ Basics ✓ Frontends ✓ Backends Configuration Tags Review + create

Create routing rules that link your frontend(s) and backend(s). You can also add more backend pools, add a second listener, or add a new frontend.

Frontends

+ Add a frontend IP Public: (new) apppib

Add a routing rule

Configure a routing rule to send traffic from a given frontend IP address to one or more backend targets. A routing rule must contain a listener and at least one backend target.

Rule name * ignorerule

Priority * 808

*Listener * Backend targets

A listener "listens" on a specified port and IP address for traffic that uses a specified protocol. If the listener criteria are met, the application gateway will apply this routing rule.

Listener name * inngorelisionar

Frontend IP * Public IPv4

Protocol: HTTP

Port * 808

Listener type: Basic

Custom error pages

Show customized error pages for different response codes generated by Application Gateway. This section lets you configure Listener-specific error pages. Learn more

Please verify that the url(s) being added here is reachable from your application gateway using the connection troubleshoot tool to prevent any deployment error.

Bad Gateway - 502 Enter Html file URL

Add Cancel

Load balancing and content delivery ...

Preview

Search

Overview Load balancing Application gateways

You are viewing a new version of Browse experience. Click here to access the old experience.

Name: appgw01

Sai-Azalb

sushmi-api

Showing 1 - 3 of 3. Display auto count:

appgw01 Application gateway

Suggest connectivity model for this gateway Troubleshoot connectivity issues in this gateway

Overview

Updating

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Settings

Monitoring

Automation

Help

Subscription (move) Azure subscription 1

Subscription ID a3107e0d-376f-4650-b383-aa7b2b3c0c9a

Tier Standard V2

Frontend private IP address

Availability zone 1, 2, 3

Tags (edit) Add tags

Recommendations Metrics

Your resource is following Light best practices.

Azure Advisor provides personalized recommendations to reduce costs, increase security, optimize performance and reliability and achieve operational excellence.

View recommendations for all your resources in Azure Advisor

24°C Sunny

Add backend setting

Add Backend setting

Backend settings name *: home-setting

Backend protocol: HTTP

Backend port: 80

Additional backend settings:

- Cookie-based affinity: Disable
- Connection draining: Disable
- Dedicated backend connection: Disable
- Request time-out (seconds): 20
- Override backend path:

Add backend pool

Name: hoom-pool

Add backend pool without targets: Yes

Backend targets:

Target type	Target
Virtual machine	homepage16 (172.18.0.4)
IP address or FQDN	

Load balancing and content delivery ...

appgw01 | Listeners

Add listener

Listener name * app-listener

Frontend IP * Public

Protocol * HTTP

Port * 80

Listener type * Basic

SSL Policy

Policy name AppGwSslPolicy

Min protocol TLSv1_2

Cipher suites TLS_AES_128, TLS_AES_256

Custom error pages

Bad Gateway - 502 Enter Html file URL

Forbidden - 403

Add **Cancel**

Showing 1 - 3 of 3. Display auto count:

Add or remove favorites by pressing Ctrl+Shift+F

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Microsoft Azure | Upgrade | Search resources, services, and docs (G+) | Copilot | lsk2026@outlook.com | DEFAULT DIRECTORY (LSK2026...)

Load balancing and content delivery ...

appgw01

Add health probe

Name * home-hp

Protocol * HTTP

Pick host name from backend settings Yes No

Host * 20.196.202.107

Pick port from backend settings Yes No

Path * /

Interval (seconds) * 30

Timeout (seconds) * 30

Unhealthy threshold * 3

Use probe matching conditions Yes No

Backend settings 0 selected

I want to test the backend health before adding the health probe

Test **Cancel**

Showing 1 - 3 of 3 count:

Add or remove favorites by pressing Ctrl+Shift+F

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The screenshot shows the Microsoft Azure Portal interface. On the left, there's a navigation sidebar with 'Load balancing and content delivery | Application gateways > appgw01'. The main area displays a list of application gateways: 'appgw01', 'Sai-Azalb', and 'sushmi-api'. A message box indicates: 'You are viewing a new version of Browse experience. Click here to access the old experience.' On the right, a modal window titled 'Add a routing rule' is open for 'appgw01'. The configuration details are as follows:

- Rule name ***: rule
- Priority ***: 100
- Listener**: app-listener
- Backend targets**: (This section is currently empty.)

The status bar at the bottom shows the date and time as 03-02-2026 12:16.

This screenshot is nearly identical to the one above, showing the 'Add a routing rule' dialog for 'appgw01'. The configuration remains the same:

- Rule name ***: rule
- Priority ***: 100
- Listener**: app-listener
- Backend targets**: (This section is currently empty.)

The status bar at the bottom shows the date and time as 03-02-2026 12:16.

Add a routing rule
appgw01

Configure a routing rule to send traffic from a given frontend IP address to one or more backend targets. A routing rule must contain a listener and at least one backend target.

Rule name * rule

Priority * 100

Listener **Backend targets**

Choose a backend pool to which this routing rule will send traffic. You will also need to specify a set of Backend settings that define the behavior of the routing rule.[?]

Target type Backend pool Redirection

Backend target * hoom-pool

Backend settings * home-setting

Path-based routing

You can route traffic from this rule's listener to different backend targets based on the URL path of the request. You can also apply a different set of Backend settings based on the URL path.[?]

Path	Target name	Backend setting name	Backend pool
/personal/*	personal	GW01	ignorebackend

Add **Cancel**

appgw01 | Frontend IP configurations Application gateway

Frontend IP configurations

Type	Status	Name	IP address	Associated
Public	Configured	appGwPublicFrontend...	20.196.226.156	(app... ignorebackend)
Private	Not configured	-	-	-

Configuration **Web application firewall** **Backend pools** **Backend settings** **Frontend IP configurations** **Private link** **SSL settings** **Listeners** **Rules** **Rewrites** **Health probes** **Properties** **Locks** **Monitoring** **Automation** **Help**