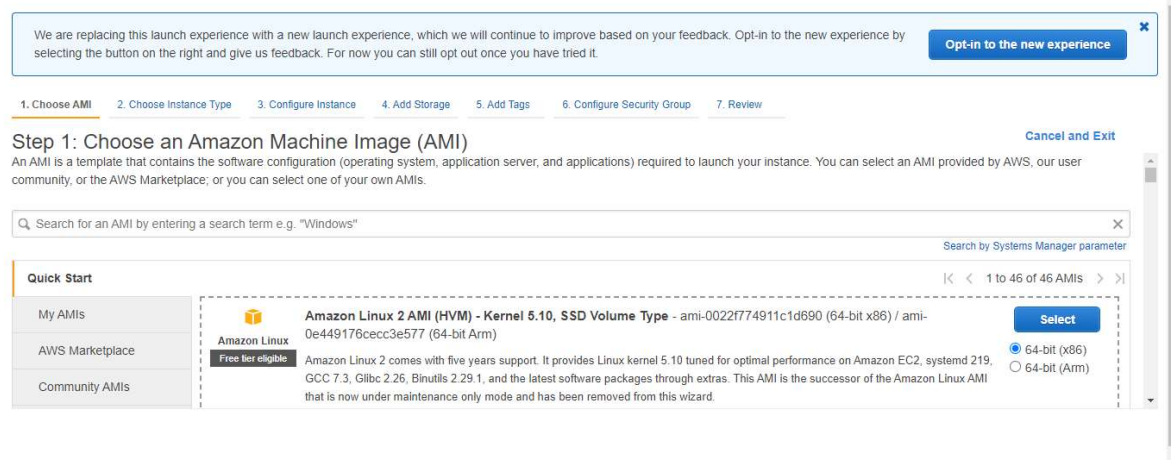
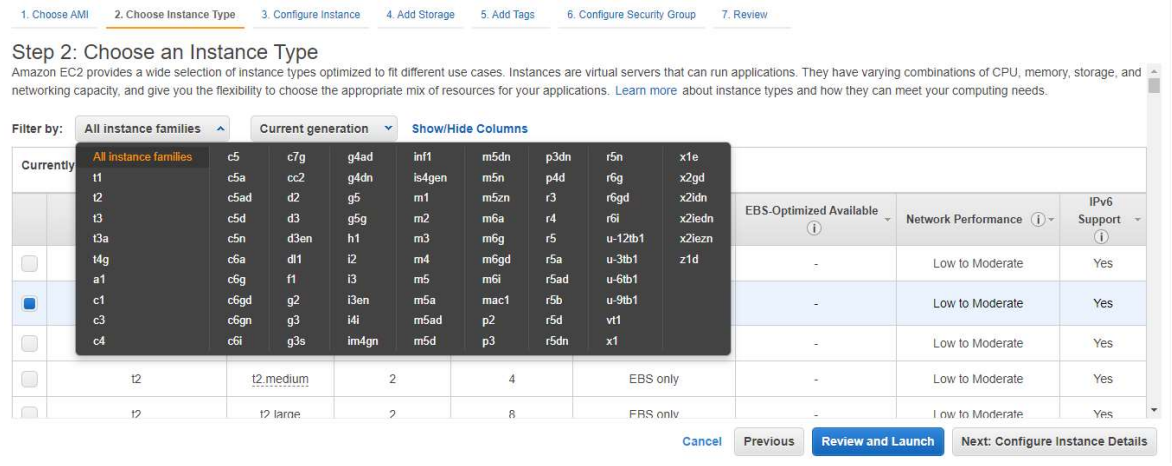
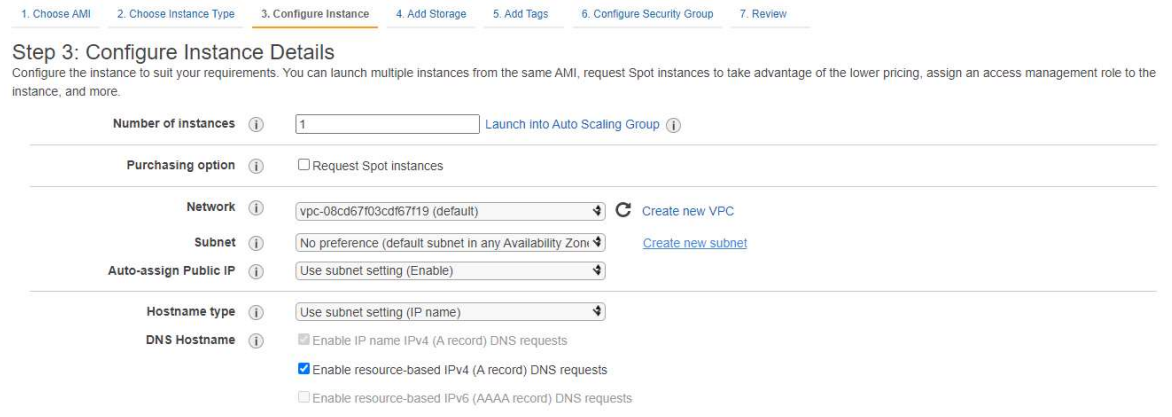
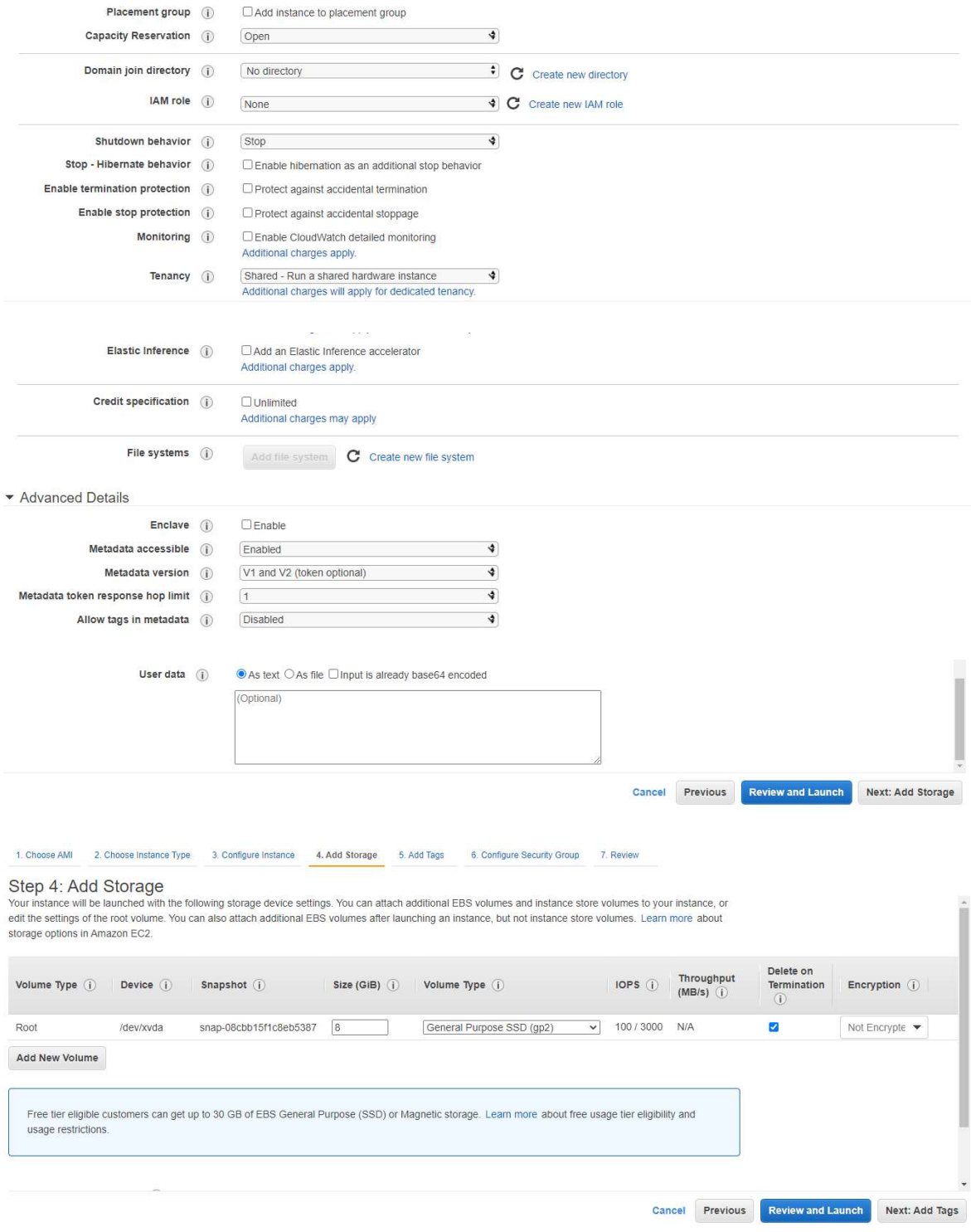

We are replacing this launch experience with a new launch experience, which we will continue to improve based on your feedback. Opt-in to the new experience by selecting the button on the right and give us feedback. For now you can still opt out once you have tried it.
Opt-in to the new experience
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 1: Choose an Amazon Machine Image (AMI)
Cancel and Exit
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.
Search for an AMI by entering a search term e.g. "Windows"
Search by Systems Manager parameter
Quick Start
1 to 46 of 46 AMIs
My AMIs
AWS Marketplace
Community AMIs
Amazon Linux
Free tier eligible
Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0022f774911c1d690 (64-bit x86) / ami-0e449176cecc3e577 (64-bit Arm)
Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is now under maintenance only mode and has been removed from this wizard.
Select
64-bit (x86)
64-bit (Arm)


1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 2: Choose an Instance Type
Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. Learn more about instance types and how they can meet your computing needs.
Filter by:
All instance families
Current generation
Show/Hide Columns
All instance families
t1
t2
t3
t3a
t4g
a1
c1
c3
c4
c5
c5a
c5ad
c5d
c5n
c6a
c6g
c6gd
c6gn
c6i
c7g
cc2
d2
d3
d3en
dl1
f1
g2
g3
g3s
g4ad
g4dn
g5
g5g
h1
i2
i3
i3en
i4i
im4gn
inf1
is4gen
m1
m2
m3
m4
m5
m5a
m5ad
m5d
m5dn
m5n
m5zn
m6a
m6g
m6gd
m6i
mac1
p2
p3
p3dn
p4d
r3
r4
r5
r5a
r5ad
r5b
r5d
r5dn
r5n
r6g
r6gd
r6i
u-3tb1
u-6tb1
u-9tb1
u-12tb1
vt1
x1
x1e
x2gd
x2idn
x2iedn
x2iezn
z1d
EBS-Optimized Available
Network Performance
IPv6 Support
Low to Moderate
Yes
t2
t2.medium
2
4
EBS only
Cancel
Previous
Review and Launch
Next: Configure Instance Details


1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 3: Configure Instance Details
Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.
Number of instances
1
Launch into Auto Scaling Group
Purchasing option
Request Spot instances
Network
vpc-08cd67f03cdf67f19 (default)
Create new VPC
Subnet
No preference (default subnet in any Availability Zone
Create new subnet
Auto-assign Public IP
Use subnet setting (Enable)
Hostname type
Use subnet setting (IP name)
DNS Hostname
Enable IP name IPv4 (A record) DNS requests
Enable resource-based IPv4 (A record) DNS requests
Enable resource-based IPv6 (AAAA record) DNS requests


Placement group
Add instance to placement group
Capacity Reservation
Open
Domain join directory
No directory
Create new directory
IAM role
None
Create new IAM role
Shutdown behavior
Stop
Stop - Hibernate behavior
Enable hibernation as an additional stop behavior
Enable termination protection
Protect against accidental termination
Enable stop protection
Protect against accidental stoppage
Monitoring
Enable CloudWatch detailed monitoring
Additional charges apply.
Tenancy
Shared - Run a shared hardware instance
Additional charges will apply for dedicated tenancy.
Elastic Inference
Add an Elastic Inference accelerator
Additional charges apply.
Credit specification
Unlimited
Additional charges may apply
File systems
Add file system
Create new file system
Advanced Details
Enclave
Enable
Metadata accessible
Enabled
Metadata version
V1 and V2 (token optional)
Metadata token response hop limit
1
Allow tags in metadata
Disabled
User data
As text
As file
Input is already base64 encoded
(Optional)
Cancel
Previous
Review and Launch
Next: Add Storage

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.
Volume Type
Device
Snapshot
Size (GiB)
Volume Type
IOPS
Throughput (MB/s)
Delete on Termination
Encryption
Root
/dev/xvda
snap-08cbb15f1c8eb5387
8
General Purpose SSD (gp2)
100 / 3000
N/A
Not Encrypte
Add New Volume
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.
Cancel
Previous
Review and Launch
Next: Add Tags

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | **5. Add Tags** | 6. Configure Security Group | 7. Review

Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.

Key (128 characters maximum)	Value (256 characters maximum)	Instances	Volumes	Network Interfaces	
Name	EC2	☑	☑	☑	⊗

Add another tag (Up to 50 tags maximum)

Cancel | Previous | **Review and Launch** | Next: Configure Security Group

1. Choose AMI | 2. Choose Instance Type | 3. Configure Instance | 4. Add Storage | 5. Add Tags | **6. Configure Security Group** | 7. Review

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.

Assign a security group: ◉ Create a **new** security group
○ Select an **existing** security group

Security group name: ec2-SG
Description: launch-wizard-3 created 2022-05-26T17:36:40.362+05:30

Type	Protocol	Port Range	Source		Description	
SSH	TCP	22	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
HTTP	TCP	80	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
HTTPS	TCP	443	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
All traffic	All	0 - 65535	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
Custom TCP F	TCP	0	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
Custom UDP I	UDP	(e.g. 49152-65535	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
Custom ICMP	Echo Reply	N/A	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
Custom ICMP	IPV6 ICMP	All	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
All TCP	TCP	0 - 65535	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
All UDP	UDP	0 - 65535	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
All ICMP - IPv	ICMP	0 - 65535	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
All ICMP - IPv	IPV6 ICMP	All	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
SMTP	TCP	25	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
DNS (UDP)	UDP	53	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
DNS (TCP)	TCP	53	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
POP3	TCP	110	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
IMAP	TCP	143	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
LDAP	TCP	389	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
SMB	TCP	445	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
SMTPS	TCP	465	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
IMAPS	TCP	993	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
POP3S	TCP	995	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
MS SQL	TCP	1433	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
NFS	TCP	2049	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
MYSQL/Auror	TCP	3306	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
RDP	TCP	3389	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗
Redshift	TCP	5439	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop	⊗

PostgreSQL	TCP	5432	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop
Oracle-RDS	TCP	1521	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop
WinRM-HTTP	TCP	5985	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop
WinRM-HTTP	TCP	5986	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop
Elastic Graphi	TCP	2007	Anywhere	0.0.0.0/0, ::/0	e.g. SSH for Admin Desktop

Add Rule

Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous Review and Launch

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 7: Review Instance Launch

AMI Details

Edit AMI

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0022f774911c1d690

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is n...

Root Device Type: ebs Virtualization type: hvm

Instance Type

Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	-	1	1	EBS only	-	Low to Moderate

Security Groups

Edit security groups

Security group name ec2-SG
Description launch-wizard-3 created 2022-05-26T17:36:40.362+05:30

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	0.0.0.0/0	
SSH	TCP	22	::/0	
HTTP	TCP	80	0.0.0.0/0	
HTTP	TCP	80	::/0	
HTTPS	TCP	443	0.0.0.0/0	
HTTPS	TCP	443	::/0	
All traffic	All	All	0.0.0.0/0	
All traffic	All	All	::/0	
Custom TCP Rule	TCP	0	0.0.0.0/0	
Custom TCP Rule	TCP	0	::/0	
All UDP	UDP	All	0.0.0.0/0	
All UDP	UDP	All	::/0	
Custom ICMP Rule - IPv4	Echo Reply	N/A	0.0.0.0/0	
Custom ICMP Rule - IPv4	Echo Reply	N/A	::/0	
Custom ICMP Rule - IPv6	All	N/A	0.0.0.0/0	
Custom ICMP Rule - IPv6	All	N/A	::/0	
All TCP	TCP	0 - 65535	0.0.0.0/0	
All TCP	TCP	0 - 65535	::/0	
All UDP	UDP	0 - 65535	0.0.0.0/0	
All UDP	UDP	0 - 65535	::/0	
All ICMP - IPv4	All	N/A	0.0.0.0/0	
All ICMP - IPv4	All	N/A	::/0	
Custom ICMP Rule - IPv6	All	N/A	0.0.0.0/0	
Custom ICMP Rule - IPv6	All	N/A	::/0	

SMTP	TCP	25	0.0.0.0/0
SMTP	TCP	25	::/0
DNS (UDP)	UDP	53	0.0.0.0/0
DNS (UDP)	UDP	53	::/0
DNS (TCP)	TCP	53	0.0.0.0/0
DNS (TCP)	TCP	53	::/0
POP3	TCP	110	0.0.0.0/0
POP3	TCP	110	::/0
IMAP	TCP	143	0.0.0.0/0
IMAP	TCP	143	::/0
LDAP	TCP	389	0.0.0.0/0
LDAP	TCP	389	::/0
SMB	TCP	445	0.0.0.0/0
SMB	TCP	445	::/0
SMTPS	TCP	465	0.0.0.0/0
SMTPS	TCP	465	::/0
IMAPS	TCP	993	0.0.0.0/0
IMAPS	TCP	993	::/0
POP3S	TCP	995	0.0.0.0/0
POP3S	TCP	995	::/0
MS SQL	TCP	1433	0.0.0.0/0
MS SQL	TCP	1433	::/0
NFS	TCP	2049	0.0.0.0/0
NFS	TCP	2049	::/0
MYSQL/Aurora	TCP	3306	0.0.0.0/0
MYSQL/Aurora	TCP	3306	::/0
RDP	TCP	3389	0.0.0.0/0
RDP	TCP	3389	::/0
Redshift	TCP	5439	0.0.0.0/0
Redshift	TCP	5439	::/0
PostgreSQL	TCP	5432	0.0.0.0/0
PostgreSQL	TCP	5432	::/0
Oracle-RDS	TCP	1521	0.0.0.0/0
Oracle-RDS	TCP	1521	::/0
WinRM-HTTP	TCP	5985	0.0.0.0/0
WinRM-HTTP	TCP	5985	::/0
WinRM-HTTPS	TCP	5986	0.0.0.0/0
WinRM-HTTPS	TCP	5986	::/0
Elastic Graphics	TCP	2007	0.0.0.0/0
Elastic Graphics	TCP	2007	::/0

Credit specification Standard
Host ID
Host resource group name
Affinity Off
Kernel ID Use default
RAM disk ID Use default
Enclave false
Metadata accessible Enabled
Metadata version V1 and V2 (token optional)
Metadata token response hop limit 1
Allow tags in metadata Disabled
User data
Assign Public IP Use subnet setting (Enable)
Assign IPv6 IP Use subnet setting (Enable)
Hostname type IP name
Resource-based IPv4 DNS Enabled
Resource-based IPv6 DNS Disabled

Storage

Edit storage

Instance Details

Edit instance details

Number of instances 1
Network vpc-08cd67f03cdf67f19
Subnet No preference (default subnet in any Availability Zone)
EBS-optimized No
Monitoring No
Termination protection No
Stop protection No
Shutdown behavior Stop
Stop - Hibernate behavior Disabled
Capacity Reservation open
IAM role None
Domain join directory None
Tenancy default

Purchasing option On demand

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encrypted
Root	/dev/xvda	snap-08cbb15f1c8eb5387	8	gp2	100 / 3000	N/A	Yes	Not Encrypted

▸ Tags

Edit tags

Cancel Previous Launch