

aws

Services

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N. Virginia

voclabs/user2025863--Saltwadekar_Valay_Angar @ 5140-9291-5793

Specify CPU options

The selected instance type does not support CPU options.

Metadata accessible

Info

Select

Metadata version

Info

Select

Metadata response hop limit

Info

Select

Allow tags in metadata

Info

Select

User data

Info

```
#!/bin/bash
yum -y install httpd
systemctl enable httpd
systemctl start httpd
echo '<html><h1>Hello From Your Web Server!</h1></html>' >
/var/www/html/index.html
```

User data has already been base64 encoded

Summary

Number of instances

Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more

ami-0c9f7528ff583b99a

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) Instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the internet.

Cancel

Launch instance

Feedback

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-001959c9b0c579d52)

Launch log

Next Steps

Get notified of estimated charges

Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier)

How to connect to your instance

Your instance is launching and it might be a few minutes until it is in the running state, when it will be ready for you to use

Click View Instances to monitor your instance's status. Once your instance is in the 'running' state, you can connect to it from the Instances screen. Find out how to connect to your instance

View more resources to get you started

View all instances

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Instances (1/2)

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Launch instances

Search

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability ...	Public IPv4 DNS	Pu
<input checked="" type="checkbox"/>	Web Server	i-001959c9b0c579d52	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	ec2-18-212-221-...	18.
<input type="checkbox"/>	Bastion Host	i-09cd46991ce65da19	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-3-84-31-157...	3.8

Instance: i-001959c9b0c579d52 (Web Server)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Status checks

Info

Status checks detect problems that may impair i-001959c9b0c579d52 (Web Server) from running your applications.

System status checks

Instance status checks

System reachability check passed

Instance reachability check passed

Report the instance status if our checks do not reflect your experience with this instance or if they do not detect issues you are having.

Report instance status

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EC2 > Instances > i-001959c9b0c579d52 > Get system log

Get system log

info

When you experience issues with your EC2 instance, reviewing system logs can help you pinpoint the cause.

System log

Review system log for instance i-001959c9b0c579d52 as of Thu Jun 30 2022 19:19:59 GMT+0530 (India Standard Time)

Copy log

Download

```
[ 24.671845] cloud-init[3279]: Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 7/9
[ 24.696549] cloud-init[3279]: Verifying : httpd-2.4.53-1.amzn2.x86_64 8/9
[ 24.798216] cloud-init[3279]: Verifying : apr-1.7.0-9.amzn2.x86_64 9/9
[ 24.828238] cloud-init[3279]: Installed:
[ 24.832234] cloud-init[3279]: httpd.x86_64 0:2.4.53-1.amzn2
[ 24.848223] cloud-init[3279]: Dependency Installed:
[ 24.868244] cloud-init[3279]: apr.x86_64 0:1.7.0-9.amzn2
[ 24.872598] cloud-init[3279]: apr-util.x86_64 0:1.6.1-5.amzn2.0.2
[ 24.884706] cloud-init[3279]: apr-util-ldb.x86_64 0:1.6.1-5.amzn2.0.2
[ 24.908618] cloud-init[3279]: generic-logos-httpd.noarch 0:18.0.0-4.amzn2
[ 24.912564] cloud-init[3279]: httpd-filesystem.noarch 0:2.4.53-1.amzn2
[ 24.927029] cloud-init[3279]: httpd-tools.x86_64 0:2.4.53-1.amzn2
[ 24.938537] cloud-init[3279]: mailcap.noarch 0:2.1.41-2.amzn2
[ 24.956502] cloud-init[3279]: mod_http2.x86_64 0:1.15.19-1.amzn2.0.1
[ 24.968135] cloud-init[3279]: Complete!
[ 24.986774] cloud-init[3279]: Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.
[ 25.416792] xfs filesystem being remounted at /tmp supports timestamps until 2038 (0x7fffffff)
[ 25.454196] xfs filesystem being remounted at /var/tmp supports timestamps until 2038 (0x7fffffff)
cl-info: ***authorized keys from /home/ec2-user/.ssh/authorized_keys for user ec2-user***
```

For boot or networking issues, use the EC2 serial console for troubleshooting. Choose the Connect button to start a session.

Connect

Cancel

Feedback

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EC2 > Instances > i-001959c9b0c579d52 > Get instance screenshot

Get instance screenshot

Instance screenshot

i-001959c9b0c579d52 (Web Server) on 2022-06-30 at T19:21:08.465 +05:30

Amazon Linux 2

Kernel 5.10.118-111.515.amzn2.x86_64 on an x86_64

ip-10-0-2-77 login: [25.416792] xfs filesystem being remounted at /tmp support

ts timestamps until 2038 (0x2fffffff)

[25.454196] xfs filesystem being remounted at /var/tmp supports timestamps un

till 2038 (0x7fffffff)

-

For boot or networking issues, use the EC2 serial console for troubleshooting. Choose the

Connect

Cancel

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Inbound security group rules successfully modified on security group (sg-025fcd47d5e00f53f | Web Server Security Group)

Details

Security Groups (1/5) Info

Filter security groups

Actions

Export security groups to CSV

Create security group

	Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count	Outbound rule
	-	sg-0088de05fa737cbfd	default	vpc-0beeb348fd175f250d	default VPC security gr...	514092915793	1 Permission entry	1 Permission en
	-	sg-025fcd47d5e00f53f	Web Server Security G...	vpc-0beeb348fd175f250d	Security Group for We...	514092915793	1 Permission entry	1 Permission en
	-	sg-0bc3ae64e77a067b	default	vpc-0ff4b057fbc878945	default VPC security gr...	514092915793	1 Permission entry	1 Permission en
	-	sg-00228e010cad43c6d	Ec2SecurityGroup	vpc-08ebae9bf96c3b7f	VPC Security Group	514092915793	1 Permission entry	1 Permission en
	-	sg-0d3aa240222914042	default	vpc-08ebae9bf96c3b7f	default VPC security gr...	514092915793	1 Permission entry	1 Permission en

sg-025fcd47d5e00f53f - Web Server Security Group

Details

Inbound rules

Outbound rules

Tags

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Inbound rules (1/1)

Filter security group rules

Manage tags

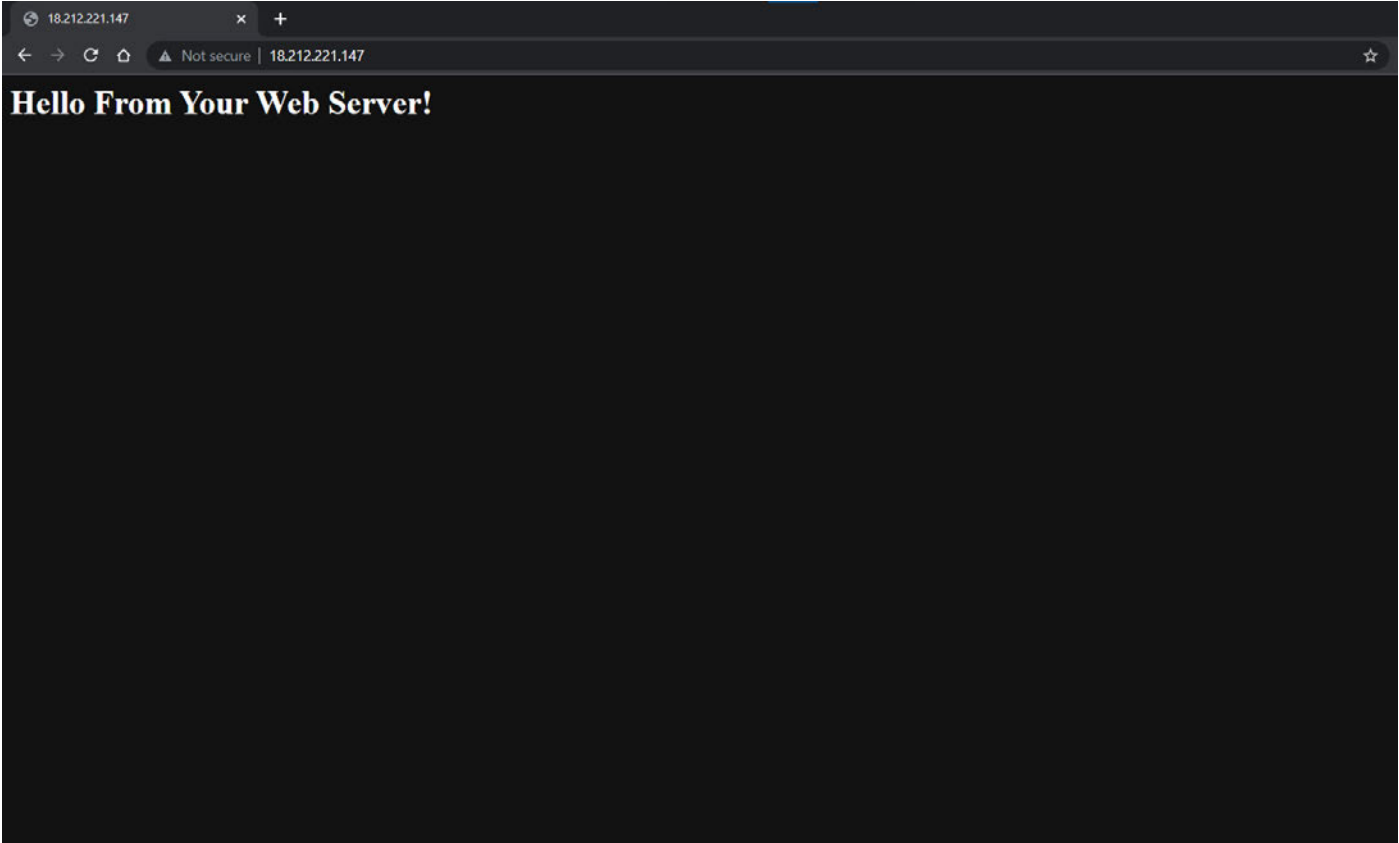
Edit inbound rules

	Name	Security group rule...	IP version	Type	Protocol	Port range	Source	Description
	-	sg-06ab8896b08b9f90f	IPv4	HTTP	TCP	80	0.0.0.0/0	-

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New EC2

Successfully stopped i-001959c9b0c579d52

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Launch Instances

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability ...	Public IPv4 DNS	Public IPv4...	Elastic IP	IPv6 IPs	Moni
Web Server	i-001959c9b0c579d52	Stopped	t2.small	-	No alarms	us-east-1b	-	-	-	-	disab
Bastion Host	i-09cd46991ca65da19	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-5-84-31-157...	5.84.31.157	-	-	disab

Instance: i-001959c9b0c579d52 (Web Server)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

Instance summary

Info

Instance ID

i-001959c9b0c579d52 (Web Server)

IPv4 address

-

IPv6 address

-

Hostname type

IP name: ip-10-0-2-77.ec2.internal

Answer private resource DNS name

IPv4 (A)

-

Auto-assigned IP address

-

IAM Role

-

Instance details

Info

Platform

Amazon Linux (Inferred)

Platform details

Linux/UNIX

Stop protection

Disabled

Instance auto-recovery

Default

Public IPv4 address

-

Instance state

Stopped

Private IP DNS name (IPv4 only)

ip-10-0-2-77.ec2.internal

Instance type

t2.small

VPC ID

vpc-0beb348fd175f250d (Iab VPC)

Subnet ID

subnet-0022ed8a156d44873 (Public Subnet 2)

AMI ID

ami-0cff7529ff5830f9a

AMI name

amazon2-ami-kernel-5.10-hvm-2.0.20220606.1-x86_64-gp2

Launch time

Thu Jun 30 2022 19:14:19 GMT+0530 (India Standard Time) (11 minutes)

Lifecycle

normal

Private IPv4 addresses

10.0.2.77

Public IPv4 DNS

-

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. Learn more

Auto Scaling Group name

-

Monitoring

disabled

Termination protection

Disabled

AMI location

amazon/amzn2-ami-kernel-5.10-hvm-2.0.20220606.1-x86_64-gp2

Stop-hibernate behavior

disabled

Waiting for us-east-1-prod-pr-analytics.console.aws.a2z.com...

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Requested volume modification for volume vol-05b80fc098b8931ef.

The volume is being modified.

Volumes (1/2)

Filter volumes

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created	Availability Zone	Volume state	Alarm stat
	vol-05b80fc098b8931ef	gp2	8 GiB	100	-	snap-08f1069dfde2007ba	2022/06/30 19:14 GMT+5:30	us-east-1b	In-use - modifyi	No alarms
	vol-0ab001ebade6b8610	gp2	8 GiB	100	-	snap-0c87771...	2022/06/30 19:00 GMT+5:30	us-east-1a	In-use	No alarms

Volume ID: vol-05b80fc098b8931ef

Details | Status checks | Monitoring | Tags

Details

Volume ID	Size	Type	Volume status
vol-05b80fc098b8931ef	8 GiB	gp2	Okay
Volume state	IOPS	Throughput	Encryption
In-use - modifying (0%)	100	-	Not encrypted
KMS key ID	KMS key alias	KMS key ARN	Snapshot
-	-	-	snap-08f1069dfde2007ba
Availability Zone	Created	Multi-Attach enabled	Attached instances
us-east-1b	Thu Jun 30 2022 19:14:20 GMT+0530 (India Standard Time)	No	i-001959c9b0c579d52 (Web Server): /dev/xvda (attached)
Outposts ARN			
-			

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Network Interfaces

Requested volume modification for volume vol-05b80fc098b8931ef.

The volume is being modified.

Volumes (1/2)

Filter volumes

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created	Availability Zone	Volume state	Alarm stat
	vol-05b80fc098b8931ef	gp2	10 GiB	100	-	snap-08f1069dfde2007ba	2022/06/30 19:14 GMT+5:30	us-east-1b	In-use - optimizi	No alarms
	vol-0ab001ebade6b8610	gp2	8 GiB	100	-	snap-0c87771...	2022/06/30 19:00 GMT+5:30	us-east-1a	In-use	No alarms

Volume ID: vol-05b80fc098b8931ef

Details | Status checks | Monitoring | Tags

Details

Volume ID	Size	Type	Volume status
vol-05b80fc098b8931ef	10 GiB	gp2	Okay
Volume state	IOPS	Throughput	Encryption
In-use - optimizing (1%)	100	-	Not encrypted
KMS key ID	KMS key alias	KMS key ARN	Snapshot
-	-	-	snap-08f1069dfde2007ba
Availability Zone	Created	Multi-Attach enabled	Attached instances
us-east-1b	Thu Jun 30 2022 19:14:20 GMT+0530 (India Standard Time)	No	i-001959c9b0c579d52 (Web Server): /dev/xvda (attached)
Outposts ARN			
-			

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Instance type changed successfully

Successfully started i-001959c9b0c579d52

Instances (1/2) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability ...	Public IPv4 DNS	Public IPv4...	Elastic IP	IPv6 IPs	Moni
Web Server	i-001959c9b0c579d52	Stopped	t2.small	-	No alarms +	us-east-1b	-	-	-	-	dsab

Instance: i-001959c9b0c579d52 (Web Server)

Details

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Root device details

Root device name

/dev/xvda

Root device type

EBS

EBS optimization

disabled

Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID	Delete on termination
vol-05b80fc098b8931ef	/dev/xvda	8	Attached	Thu Jun 30 2022 19:14:20 G...	No	-	Yes

Recent root volume replacement tasks

Filter tasks

Task ID	Task state	Start time	Completion time	Tags
No recent replace root volume tasks				

Replace root volume

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Limits

Find limits

Running Instances

Calculate vCPU limit

Request limit increase

Name	Limit type	Current limit	Description
Security groups	Running Instances	-	The total number of security groups for this Region.
Reserved Instances	Running Instances	20	The total number of instances corresponding to new reservations purchased per Av...
Security groups per instance	Running Instances	8	The number of security groups per instance
Running On-Demand All DL instances	Running Instances	96 vCPUs	Running On-Demand DL instances
Running On-Demand All G and VT instances	Running Instances	0 vCPUs	Running On-Demand G and VT instances
Running On-Demand All Inf instances	Running Instances	8 vCPUs	Running On-Demand Inf instances
Running On-Demand All P instances	Running Instances	0 vCPUs	Running On-Demand P instances
Running On-Demand All Standard (A, C, D, H, I, ...	Running Instances	256 vCPUs	Running On-Demand Standard (A, C, D, H, I, M, R, T, Z) instances
Running On-Demand All High Memory instances	Running Instances	0 vCPUs	Running On-Demand High Memory instances
Running On-Demand All X instances	Running Instances	0 vCPUs	Running On-Demand X instances
Running On-Demand All F instances	Running Instances	64 vCPUs	Running On-Demand F instances

For more service limits and usage, see [AWS Trusted Advisor](#). To view, manage, and request an increase for your service quotas, see [AWS Service Quotas](#).

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Successfully terminated i-001959c9b0c579d52

Instances (1/2) Info

Search

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability ...	Public IPv4 DNS	Public IPv4...	Elastic IP	IPv6 IPs	Moni
Web Server	i-001959c9b0c579d52	Shutting-down	t2.small	Initializing	No alarms	us-east-1b	ec2-3-88-171-17...	3.88.171.175	-	-	disab
Bastion Host	i-09cd46991ce65da19	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-3-84-31-157...	3.84.31.157	-	-	disab

Instance: i-001959c9b0c579d52 (Web Server)

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Instance summary Info

Instance ID

i-001959c9b0c579d52 (Web Server)

IPv6 address

-

Hostname type

IP name: ip-10-0-2-77.ec2.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

3.88.171.175 [Public IP]

IAM Role

-

Public IPv4 address

3.88.171.175 | open address

Instance state

Shutting-down

Private IP DNS name (IPv4 only)

ip-10-0-2-77.ec2.internal

Instance type

t2.small

VPC ID

vpc-0beb348fd175f250d (Lab VPC)

Subnet ID

subnet-0022ed8a156644873 (Public Subnet 2)

Private IPv4 addresses

10.0.2.77

Public IPv4 DNS

ec2-3-88-171-175.compute-1.amazonaws.com | open address

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Auto Scaling Group name

-

Platform

Amazon Linux (Inferred)

Platform details

Linux/UNIX

Stop protection

Disabled

Instance auto-recovery

Default

AMI ID

ami-0cf7528ff583bf9a

AMI name

amzn2-ami-kernel-5.10-hvm-2.0.20220606.1-x86_64-gp2

Launch time

Thu Jun 30 2022 19:28:19 GMT+0530 (India Standard Time) (1 minute)

Lifecycle

normal

Monitoring

disabled

Termination protection

Disabled

AMI location

amazon/amzn2-ami-kernel-5.10-hvm-2.0.20220606.1-x86_64-gp2

Stop-hibernate behavior

disabled

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