

Yeshwanth Chauhan

CLI command to show only ec2 instance with tag:Name :Env and Value: Prod

The screenshot shows the AWS Management Console for the 'us-east-1' region. The 'Your VPCs' page displays a table with the following data:

Name	env	VPC ID	State	IPv4 CIDR	IPv6 CIDR	Main route table	Main network ACL	Default
myvpc01	dev	vpc-0cbe8a3fd159e2775	Available	172.18.0.0/16	-	rtb-02b14660147ccb8d / main	acl-011e977c11444232a	No

The left sidebar shows the navigation menu with 'Your VPCs' selected. The top bar shows the AWS logo and search bar.

The screenshot shows the AWS Management Console for the 'us-east-1' region. The 'Subnets' page displays a table with the following data:

Name	Subnet ID	State	VPC	IPv4 CIDR
sub01	subnet-03680f5dbcf5a0d29	Available	vpc-0cbe8a3fd159e2775 my...	172.18.0.0/24

The 'Details' tab is selected, showing the following information:

- Subnet ID: subnet-03680f5dbcf5a0d29
- Subnet ARN: arn:aws:ec2:us-east-1:471963814578:subnet/subnet-03680f5dbcf5a0d29
- State: Available
- Availability Zone: us-east-1a
- IPv4 CIDR: 172.18.0.0/24
- Available IPv4 addresses: 250
- Network border group: us-east-1
- IPv6 CIDR: -
- Route table: rtb-02b14660147ccb8d | main
- Network ACL: acl-011e977c11444232a

The left sidebar shows the navigation menu with 'Subnets' selected. The top bar shows the AWS logo and search bar.

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The image shows two screenshots of the AWS Management Console. The top screenshot displays the 'Route tables' page for a VPC. The table lists the following route table:

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
main	rtb-02b14660147ccbc8d	-	-	Yes	vpc-0cbe8a3fd159e27

The bottom screenshot shows the 'Edit routes' page for the route table 'rtb-02b14660147ccbc8d'. It displays a table of routes:

Destination	Target	Status	Propagated
172.18.0.0/16	local	Active	No
0.0.0.0/0	igw-0b03b2aa48d67fe40	Active	No

Buttons for 'Add route', 'Remove', 'Cancel', 'Preview', and 'Save changes' are visible at the bottom of the 'Edit routes' page.

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The top screenshot shows the AWS Management Console 'Internet gateways' page. The left sidebar lists navigation options under 'Virtual private cloud', including 'Internet gateways'. The main content area shows a table of internet gateways with the following data:

Name	Internet gateway ID	State	VPC ID	Owner
myig	igw-0b03b2aa48d67fe40	Attached	vpc-0cbe8a3fd159e2775 myvpc01	471963814578

The bottom screenshot shows the 'Instance summary' page for an EC2 instance. The left sidebar lists navigation options under 'Instances'. The main content area shows the following instance details:

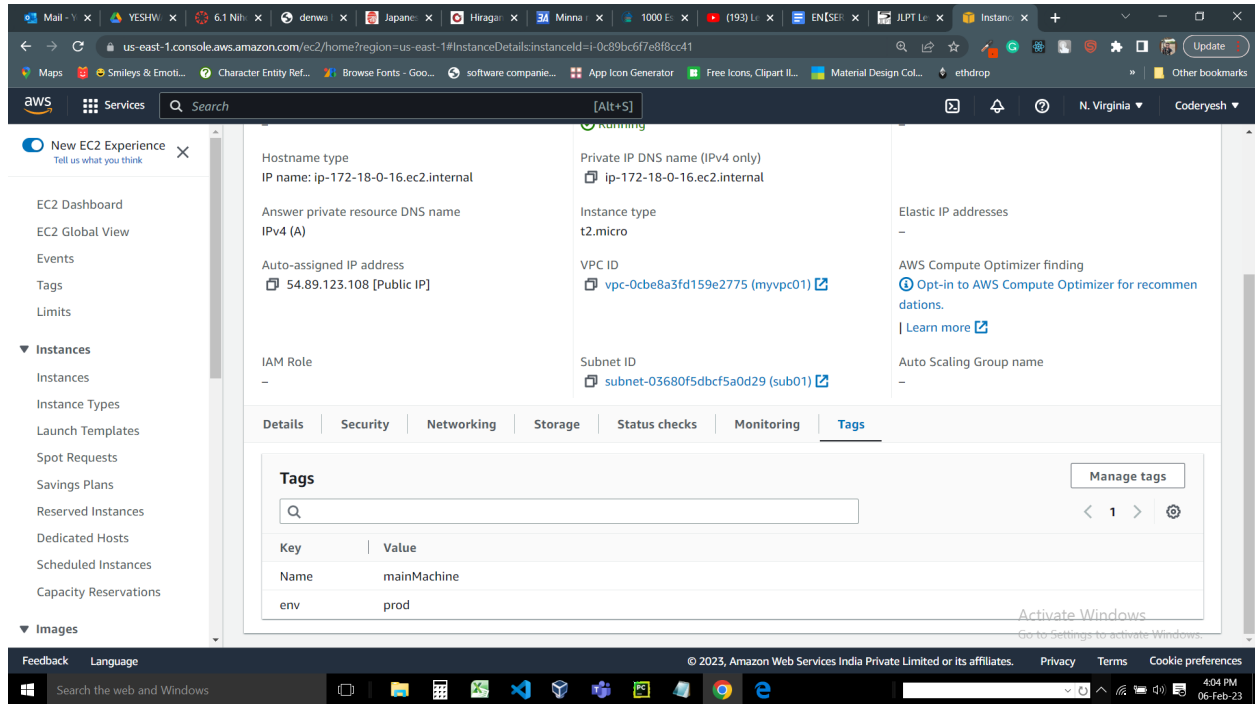
Instance ID	Public IPv4 address	Private IPv4 addresses
i-0c89bc6f7e8f8cc41 (mainMachine)	54.89.123.108 open address	172.18.0.16

Additional details include:

- Instance state: Running
- Private IP DNS name (IPv4 only): ip-172-18-0-16.ec2.internal
- Instance type: t2.micro
- VPC ID: vpc-0cbe8a3fd159e2775 (myvpc01)
- Subnet ID: subnet-03680f5dbcf5a0d29 (sub01)
- Auto-assigned IP address: 54.89.123.108 [Public IP]
- Host name type: IP name: ip-172-18-0-16.ec2.internal
- Answer private resource DNS name: IPv4 (A)
- IAM Role: -

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File Edit Selection View Go Run Terminal Help
FILEMOVIE - Visual Studio Code

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
powerhell +v

PS C:\Users\shiva\Desktop\Project> cd ..
PS C:\Users\shiva\Desktop> aws

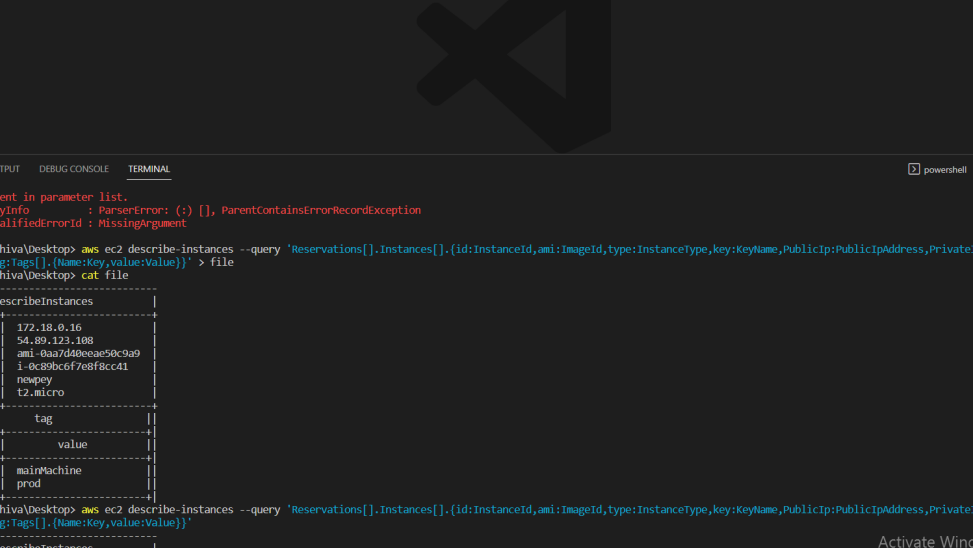
usage: aws [options] <command> [<subcommand> ...] [parameters]
To see help text, you can run:

    aws help
    aws <command> help
    aws <command> <subcommand> help

aws: error: the following arguments are required: command

PS C:\Users\shiva\Desktop> aws configure
AWS Access Key ID [*****]: ****
AWS Secret Access Key [*****]: ****
Default region name [us-east-1]: us-east-1
Default output format [json]: table
PS C:\Users\shiva\Desktop> aws ec2 describe-reservations --query Reservations[].Instances[].{id:InstanceId,ami:ImageId,type:InstanceType,key:KeyName,PublicIp:PublicIpAddress,PrivateIp:PrivateIpAddress,tags:tag,tag:tag,tag:tag} --filter Name:tag,Env,Values-Prod
At line:1 char:77
+ ... -instances --query Reservations[].Instances[].{id:InstanceId,ami:Imag ...
+ ~~~~~
Missing argument in parameter list.
At line:1 char:192
+ ... lIpAddress,PrivateIp:PrivateIpAddress,tags:tag,tag:tag,tag:tag,tag:tag ...
+ ~~~~~
Missing argument in parameter list.
+ CategoryInfo          : ParserError: (:) [], ParentContainsErrorRecordException
+ FullyQualifiedErrorId : MissingArgument

Activate Windows
Go to Settings to activate Windows.
```



The screenshot shows a Windows 10 desktop with a Visual Studio Code editor window. The editor is open to a PowerShell terminal. The terminal output shows the execution of the 'aws ec2 describe-instances' command, which returns details for an instance named 'mainMachine' in the 'prod' environment. The instance has a public IP of 172.18.0.16 and a private IP of 172.18.0.10. The terminal also shows the output of the 'cat file' command, which displays the contents of a file named 'file'.

```

Missing argument in parameter list.
+ CategoryInfo          : ParserError: (:) [], ParentContainsErrorRecordException
+ FullyQualifiedErrorId : MissingArgument

PS C:\Users\shiva\Desktop> aws ec2 describe-instances --query 'Reservations[].Instances[].(id:InstanceId,ami:ImageId,type:InstanceType,key:keyName,PublicIp:PublicIpAddress,PrivateIp:PrivateIpAddress,tag:Tags[].(Name:Key,value:Value))' > file
PS C:\Users\shiva\Desktop> cat file

-----
DescribeInstances
-----
| PrivateIp | 172.18.0.16 |
| PublicIp  | 172.18.0.16 |
| ami       | ami-0aa7d40ecae50c9a9 |
| id        | i-0c89bc6f708f8cc41 |
| key       | newpey |
| type      | t2.micro |
|-----|-----|
| tag |
|-----|-----|
| Name | value |
|-----|-----|
| Name | mainMachine |
| env  | prod |
|-----|-----|

PS C:\Users\shiva\Desktop> aws ec2 describe-instances --query 'Reservations[].Instances[].(id:InstanceId,ami:ImageId,type:InstanceType,key:keyName,PublicIp:PublicIpAddress,PrivateIp:PrivateIpAddress,tag:Tags[].(Name:Key,value:Value))'
-----
DescribeInstances
-----
| ?[1m]?[34mPrivateIp]?[0m | ?[1m]?[34m172.18.0.16]?[0m |
|-----|-----|

```