Amazon EC2

Most Important Infrastructure

- Processing Power
- Storage Space
- System memory
- Network bandwith

Amazon Elastic Compute Cloud

- Provision V Servers -Virtual computing environments
- Instance – VS with preconfigured software
- Secure login information for your instances using *key pairs*
- Instance type (T2, M4, M3, C4, C3, X1 etc ..)- vCPU, RAM, Storage(EBS)
- Selection and Change later possible
- Instance code- t2.micro
- Size- nano to 32xlarge
- Interaction via secure shell SSH connection

AMI

- Information to launch EC2 instance
- To launch instances in multiple Regions, you'll need to create a key pair in each Region
- Template- root volume of the instance (OS+web /app server files)
- Launch permissions given to AWS account
- One AMI- many instances of different types
- Instances scoped at region level
- Paid (hrly cost) vs free AMIs
- Amazon linux based AMI no hrly cost

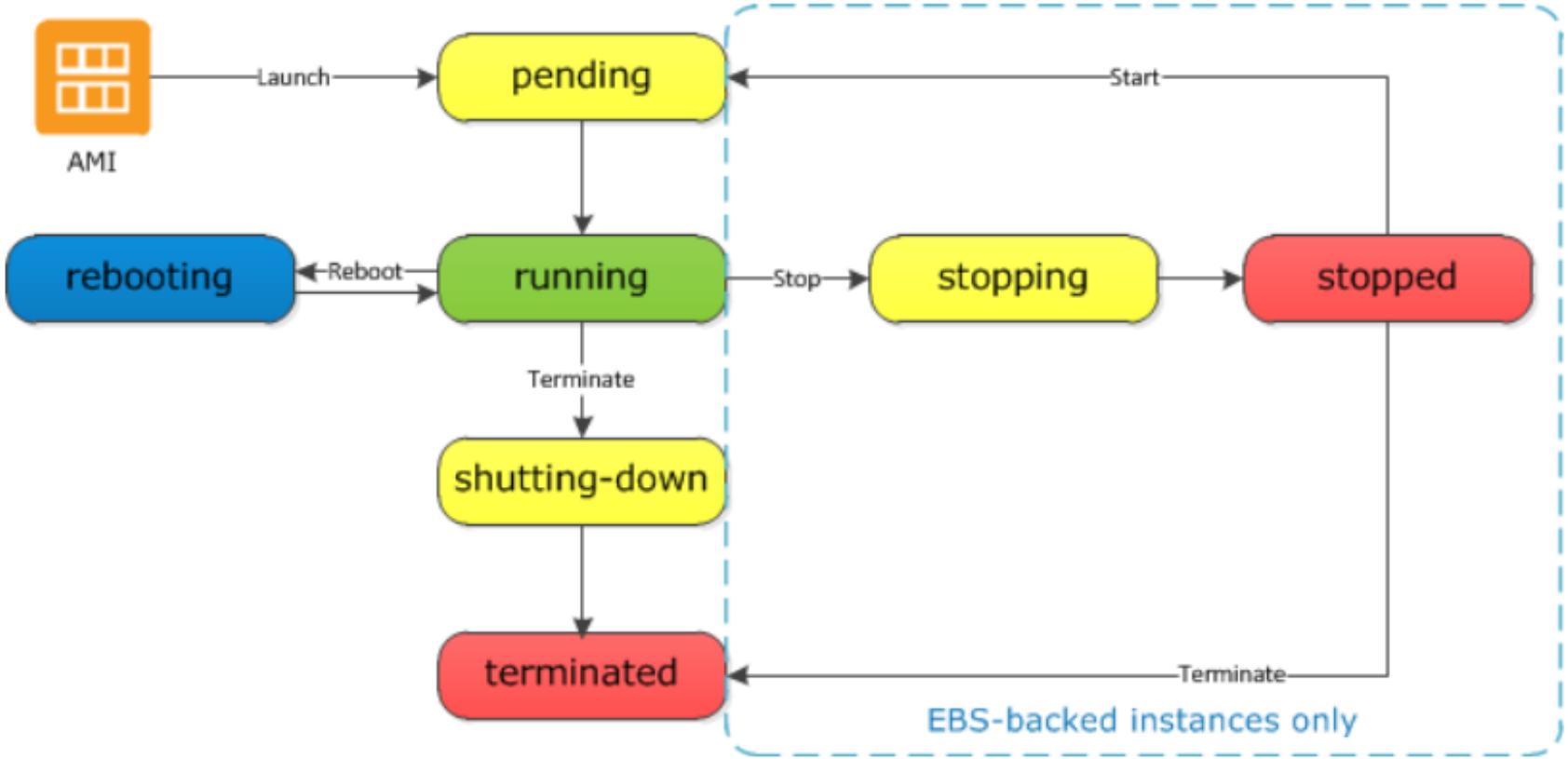
Security Group

- Firewall around EC2-A firewall that enables you to specify the protocols, ports, and source IP ranges
- Configure –Ports, protocols, IP addresses
- Associated with instance not AMI
- Its like a rule and a role in IAM

Pricing Models and Data Storage

- On demand (no upfront) for development and test servers or temp servers
- Reserved (upfront for reservation for a x term)
- Spot-bidding
- Instance Storage- volatile wrt instance life
- Backed by Instance store
- Elastic Block Storage – persistent an mountable to EC2 instance
- Backed by EBS –AMI
- Instance life dependent

EC2 Instance Life Cycle



https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-instance-lifecycle.html

https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

aws Services Resource Groups Dr Sandeep K Singh Mumbai Support

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

Root device type: ebs Virtualization type: hvm

SUSE Linux

Free tier eligible

SUSE Linux Enterprise Server 15 (HVM), SSD Volume Type - ami-025d8258d76079367

SUSE Linux Enterprise Server 15 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.

Root device type: ebs Virtualization type: hvm

Select

64-bit (x86)

Free tier eligible

Ubuntu Server 18.04 LTS (HVM), SSD Volume Type - ami-0d773a3b7bb2bb1c1

Ubuntu Server 18.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).

Root device type: ebs Virtualization type: hvm

Select

64-bit (x86)

Amazon RDS

Are you launching a database instance? Try Amazon RDS.

Hide

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale your database on AWS by automating time-consuming database management tasks. With RDS, you can easily deploy **Amazon Aurora, MariaDB, MySQL, Oracle, PostgreSQL, and SQL Server** databases on AWS. Aurora is a MySQL- and PostgreSQL-compatible, enterprise-class database at 1/10th the cost of commercial databases. Learn more about RDS

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"

Quick Start

1 to 37 of 37 AMIs

My AMIs

AWS Marketplace

Community AMIs

Free tier only

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0889b8a448de4fc44

Amazon Linux

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 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.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-0ad42f4f66f6c1cc9

Amazon Linux

Free tier eligible

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

Red Hat Enterprise Linux 7.5 (HVM), SSD Volume Type - ami-5b673c34

Red Hat

Free tier eligible

Red Hat Enterprise Linux version 7.5 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

SUSE Linux Enterprise Server 15 (HVM), SSD Volume Type - ami-025d8258d76079367

AMI categories

- Quick Start
- My AMI
- Aws Marketplace
- Community AMI

Launch instance wizard

https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

aws | Services | Resource Groups | Steve @ 9511-6988-1444 | Mumbai | Support

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

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Categories

All Categories

- Infrastructure Software (2523)
- Developer Tools (568)
- Business Software (1022)

Operating System

Clear Filter

1 to 25 of 2,965 Products

Microsoft

Microsoft Windows Server 2016 Base

Select

(0) | 2019.03.13 | By Amazon Web Services

$0.0081 to $44.576/hr incl EC2 charges + other AWS usage fees

Free tier eligible

Windows, Windows Server 2016 Base 10 | 64-bit (x86) Amazon Machine Image (AMI) | Updated: 4/1/19

Amazon EC2 running Microsoft Windows Server is a fast and dependable environment for deploying applications using the Microsoft Web Platform. Amazon EC2 enables you to run any ...

More info

Microsoft

Microsoft Windows Server 2012 R2

Select

(0) | 2019.03.13 | By Amazon Web Services

$0.0081 to $44.576/hr incl EC2 charges + other AWS usage fees

Free tier eligible

Windows, Windows Server 2012 R2 6.2.9200 | 64-bit (x86) Amazon Machine Image (AMI) | Updated: 4/1/19

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More info

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Operating system

- Amazon Linux
- Cent OS
- Debian
- Fedora
- Gentoo
- openSUSE
- Other Linux
- Red Hat

1 to 50 of 36,530 AMIs

amzn2-ami-hvm-2.0.20190313-x86_64-gp2 - ami-0889b8a448de4fc44

Amazon Linux 2 AMI 2.0.20190313 x86_64 HVM gp2

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

amzn-ami-hvm-2018.03.0.20181129-x86_64-gp2 - ami-0ad42f4f66f6c1cc9

Amazon Linux AMI 2018.03.0.20181129 x86_64 HVM gp2

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

RHEL-7.5_HVM_GA-20180322-x86_64-1-Hourly2-GP2 - ami-5b673c34

Provided by Red Hat, Inc.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

suse-sles-15-v20180816-hvm-ssd-x86_64 - ami-025d8258d76079367

SUSE Linux Enterprise Server 15 (HVM, 64-bit, SSD-Backed)

Select

64-bit (x86)

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 types | Current generation | Show/Hide Columns

All instance types
General purpose
Compute optimized
GPU compute
Memory optimized
Storage optimized

Currently ...able ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

		Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
☐		t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
☑	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes

Cancel | Previous | Review and Launch | Next: Configure Instance Details

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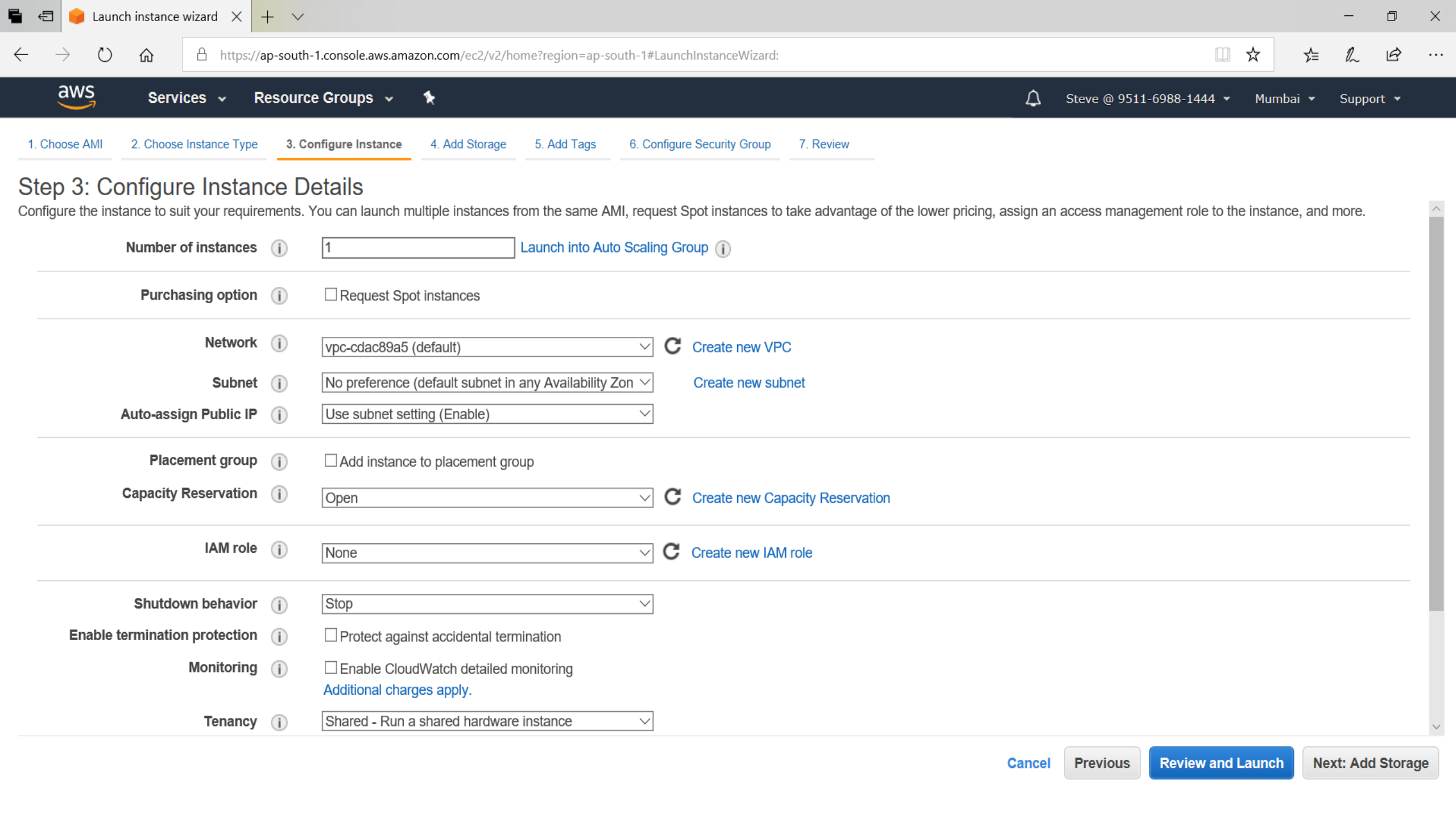
Filter by: All instance types | Current generation | Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
☐	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
☑	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
☐	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes

IP Address of Instances

- Private IP-dynamically allocated
- Public IP- global
- Domain name→ current IP
- Default VPC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https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Resource Groups
Steve @ 9511-6988-1444
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
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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-cdac89a5 (default)
Create new VPC
Subnet
No preference (default subnet in any Availability Zon
Create new subnet
Auto-assign Public IP
Use subnet setting (Enable)
Placement group
Add instance to placement group
Capacity Reservation
Open
Create new Capacity Reservation
IAM role
None
Create new IAM role
Shutdown behavior
Stop
Enable termination protection
Protect against accidental termination
Monitoring
Enable CloudWatch detailed monitoring
Additional charges apply.
Tenancy
Shared - Run a shared hardware instance
Cancel
Previous
Review and Launch
Next: Add Storage

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	Encrypted
Root	/dev/xvda	snap-0e99719ddf6c5bb94	8	General Purpose SSD (gp2)	100 / 3000	N/A	☑	Not Encrypted

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.

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Root	/dev/xvda	snap-0e99719ddf6c5bb94	8	General Purpose SSD (gp2)	100 / 3000	N/A	☑	Not Encrypted
EBS	/dev/sdb	Search (case-insensit	8	General Purpose SSD (gp2)	100 / 3000	N/A	☐	Not Encrypted

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.

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 (127 characters maximum)	Value (255 characters maximum)	Instances	Volumes	
		☑	☑	⊗

Add another tag (Up to 50 tags maximum)

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: launch-wizard-2

Description: launch-wizard-2 created 2019-04-13T16:11:11.544+05:30

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom 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.

Step 7: Review Instance Launch

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	Variable	1	1	EBS only	-	Low to Moderate

Security Groups

Edit security groups

Security group name launch-wizard-2
Description launch-wizard-2 created 2019-04-13T16:11:11.544+05:30

Type	Protocol	Port Range	Source	Description
HTTP	TCP	80	150.242.66.41/32	
SSH	TCP	22	150.242.66.41/32	

Instance Details

Edit instance details

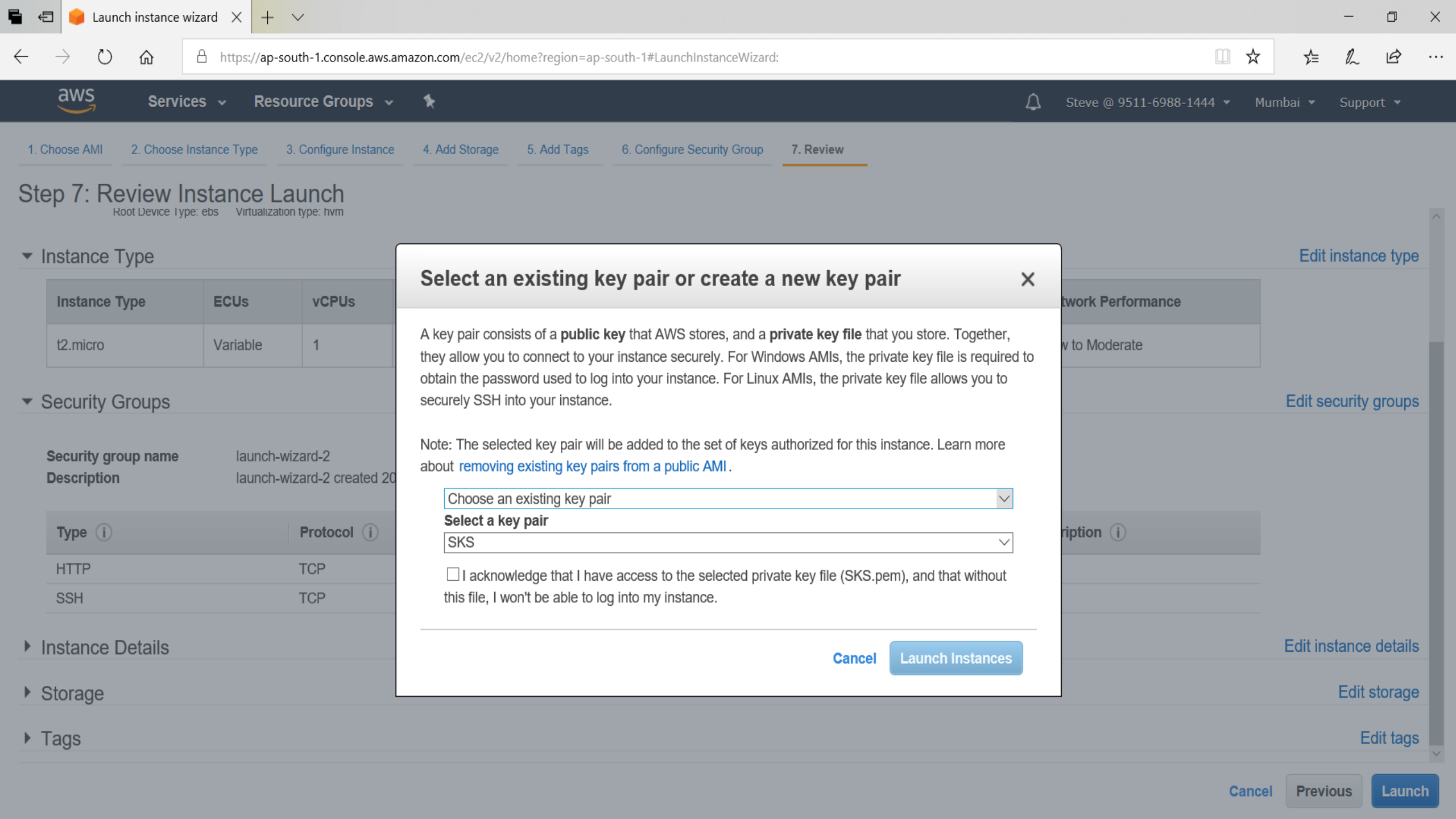
Storage

Edit storage

Tags

Edit tags

Cancel Previous Launch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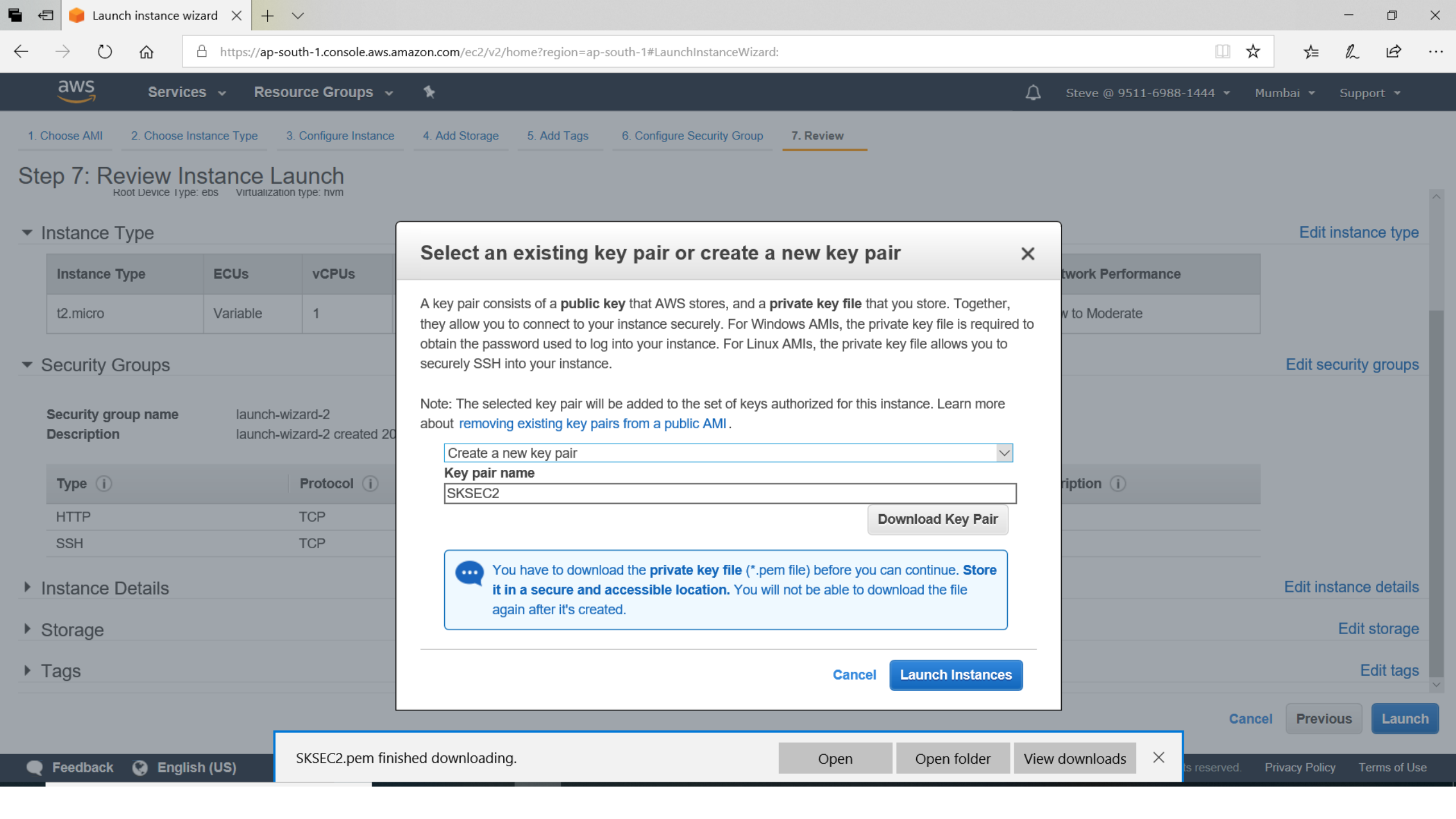
7. Review
Step 7: Review Instance Launch
Root Device Type: ebs Virtualization type: hvm
Instance Type
Edit instance type
Instance Type
ECUs
vCPUs
twork Performance
t2.micro
Variable
1
v to Moderate
Security Groups
Edit security groups
Security group name
launch-wizard-2
Description
launch-wizard-2 created 20
Type
Protocol
ription
HTTP
TCP
SSH
TCP
Instance Details
Edit instance details
Storage
Edit storage
Tags
Edit tags
Cancel
Previous
Launch
Select an existing key pair or create a new key pair
A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.
Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.
Choose an existing key pair
Select a key pair
SKS
I acknowledge that I have access to the selected private key file (SKS.pem), and that without this file, I won't be able to log into my instance.
Cancel
Launch Instances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1. Choose AMI
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5. Add Tags
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7. Review
Step 7: Review Instance Launch
Root Device Type: ebs Virtualization type: hvm
Instance Type
Edit instance type
Instance Type
ECUs
vCPUs
t2.micro
Variable
1
Security Groups
Edit security groups
Security group name launch-wizard-2
Description launch-wizard-2 created 20
Type
Protocol
HTTP
TCP
SSH
TCP
Instance Details
Edit instance details
Storage
Edit storage
Tags
Edit tags
Cancel
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Create a new key pair
Key pair name
SKSEC2
Download Key Pair
You have to download the private key file (*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created.
Cancel
Launch Instances
SKSEC2.pem finished downloading.
Open
Open folder
View downloads
Feedback
English (US)
Privacy Policy
Terms of Use

https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

aws Services Resource Groups Dr Sandeep K Singh Mumbai Support

- EC2 Dashboard
- Events
- Tags
- Reports
- Limits

INSTANCES
- Instances
- Launch Templates
- Spot Requests
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

IMAGES
- AMIs
- Bundle Tasks

ELASTIC BLOCK STORE
- Volumes

Launch Instance | Connect | Actions

Filter by tags and attributes or search by keyword 1 to 1 of 1

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs
	i-0b3840e32234640...	t2.micro	ap-south-1b	running	2/2 checks...	None	ec2-13-233-91-191.ap-...	13.233.91.191	-

Description | Status Checks | Monitoring | Tags

Instance ID	i-0b3840e322346400d	Public DNS (IPv4)	ec2-13-233-91-191.ap-south-1.compute.amazonaws.com
Instance state	running	IPv4 Public IP	13.233.91.191
Instance type	t2.micro	IPv6 IPs	-
Elastic IPs		Private DNS	ip-172-31-10-0.ap-south-1.compute.internal
Availability zone	ap-south-1b	Private IPs	172.31.10.0
Security groups	launch-wizard-1. view inbound rules. view outbound rules	Secondary private IPs	
Scheduled events	No scheduled events	VPC ID	vpc-cdac89a5
AMI ID	ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-server-20180912 (ami-0d773a3b7bb2bb1c1)	Subnet ID	subnet-56d4671a

Launch Status

Your instances are now launching

The following instance launches have been initiated: i-0b3840e322346400d Hide launch log

Creating security groups	Successful (sg-0011f06b3f1bce492)
Authorizing inbound rules	Successful
Initiating launches	Successful

Launch initiation complete

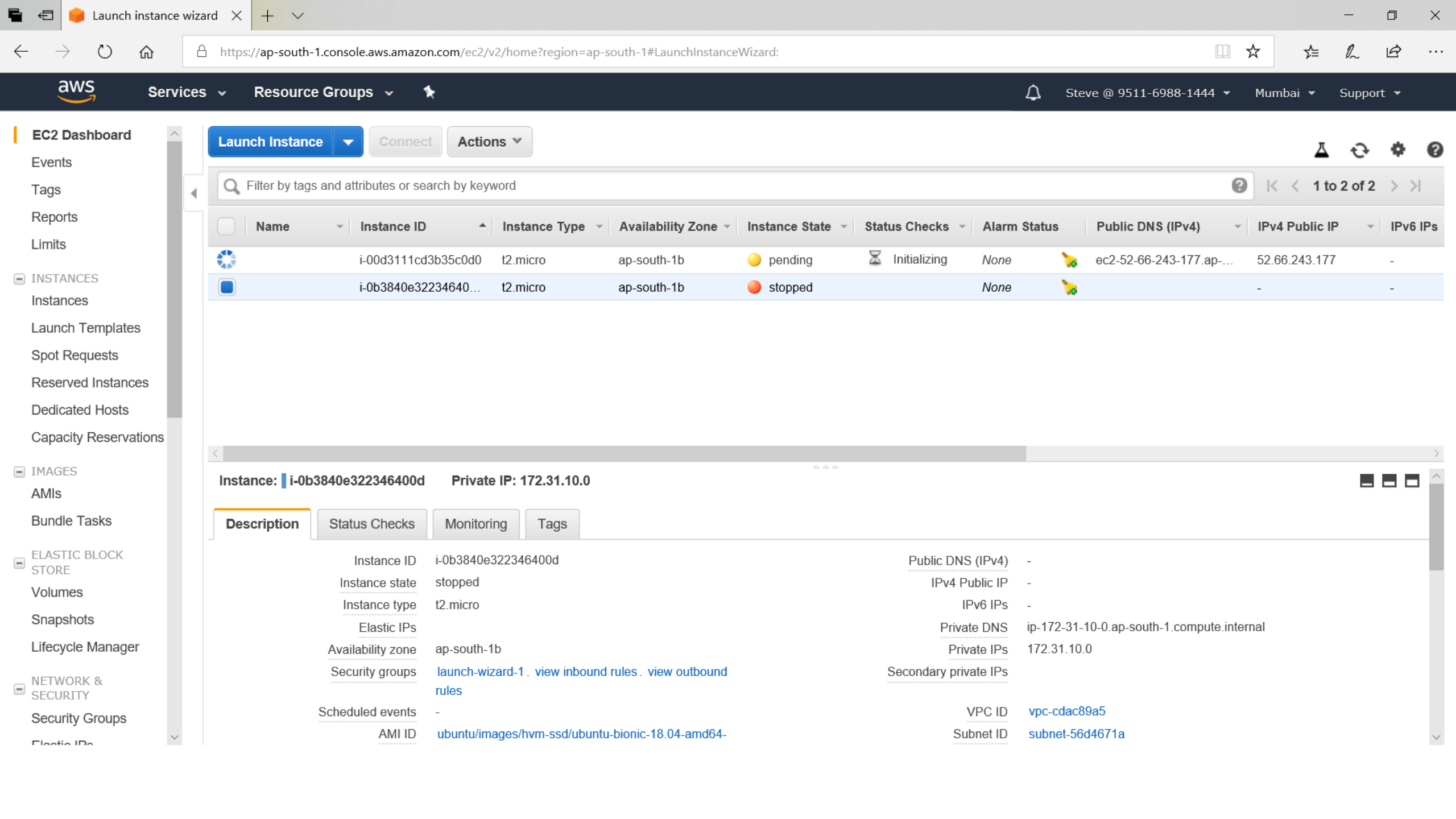
Get notified of estimated charges

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 instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. Find out how to connect to your instances.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INSTANCES
Instances
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Reserved Instances
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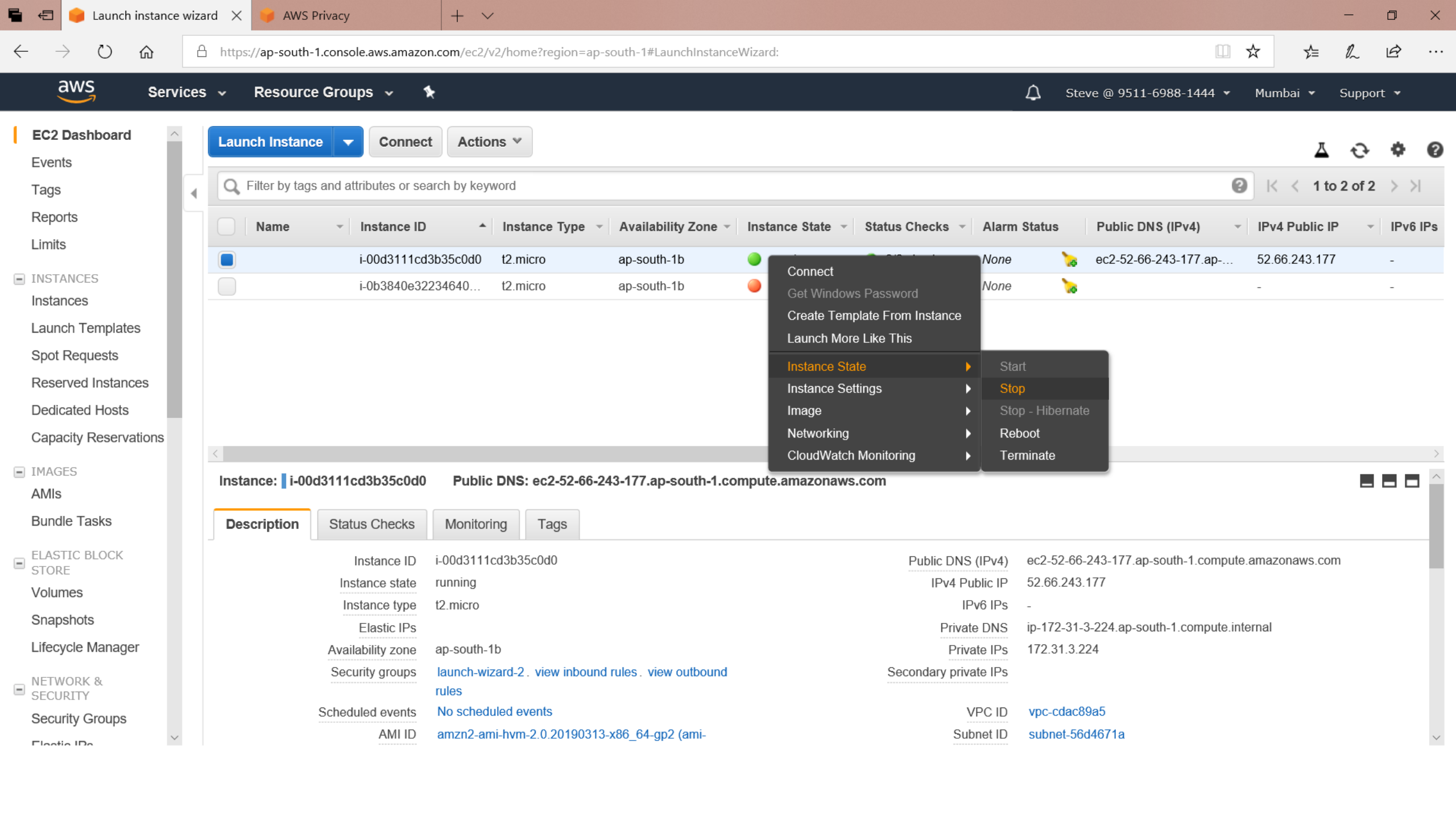
IMAGES
AMIs
Bundle Tasks
ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager
NETWORK & SECURITY
Security Groups
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
i-00d3111cd3b35c0d0
t2.micro
ap-south-1b
pending
Initializing
None
ec2-52-66-243-177.ap-...
52.66.243.177
i-0b3840e32234640...
t2.micro
ap-south-1b
stopped
None
Instance: i-0b3840e322346400d
Private IP: 172.31.10.0
Description
Status Checks
Monitoring
Tags
Instance ID
i-0b3840e322346400d
Instance state
stopped
Instance type
t2.micro
Elastic IPs
Availability zone
ap-south-1b
Security groups
launch-wizard-1. view inbound rules. view outbound rules
Scheduled events
-
AMI ID
ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-
Public DNS (IPv4)
-
IPv4 Public IP
-
IPv6 IPs
-
Private DNS
ip-172-31-10-0.ap-south-1.compute.internal
Private IPs
172.31.10.0
Secondary private IPs
VPC ID
vpc-cdac89a5
Subnet ID
subnet-56d4671a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Mumbai
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EC2 Dashboard
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Tags
Reports
Limits
INSTANCES
Instances
Launch Templates
Spot Requests
Reserved Instances
Dedicated Hosts
Capacity Reservations
IMAGES
AMIs
Bundle Tasks
ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager
NETWORK & SECURITY
Security Groups
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
i-00d3111cd3b35c0d0
t2.micro
ap-south-1b
None
ec2-52-66-243-177.ap-...
52.66.243.177
i-0b3840e32234640...
t2.micro
ap-south-1b
None
Connect
Get Windows Password
Create Template From Instance
Launch More Like This
Instance State
Instance Settings
Image
Networking
CloudWatch Monitoring
Start
Stop
Stop - Hibernate
Reboot
Terminate
Instance: i-00d3111cd3b35c0d0
Public DNS: ec2-52-66-243-177.ap-south-1.compute.amazonaws.com
Description
Status Checks
Monitoring
Tags
Instance ID
i-00d3111cd3b35c0d0
Instance state
running
Instance type
t2.micro
Elastic IPs
Availability zone
ap-south-1b
Security groups
launch-wizard-2. view inbound rules. view outbound rules
Scheduled events
No scheduled events
AMI ID
amzn2-ami-hvm-2.0.20190313-x86_64-gp2 (ami-
Public DNS (IPv4)
ec2-52-66-243-177.ap-south-1.compute.amazonaws.com
IPv4 Public IP
52.66.243.177
IPv6 IPs
-
Private DNS
ip-172-31-3-224.ap-south-1.compute.internal
Private IPs
172.31.3.224
Secondary private IPs
VPC ID
vpc-cdac89a5
Subnet ID
subnet-56d4671a

Launch instance wizard | AWS Privacy

https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

aws | Services | Resource Groups | Steve @ 9511-6988-1444 | Mumbai | Support

- EC2 Dashboard
- Events
- Tags
- Reports
- Limits
- INSTANCES
- Instances
- Launch Templates
- Spot Requests
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations
- IMAGES
- AMIs
- Bundle Tasks
- ELASTIC BLOCK STORE
- Volumes
- Snapshots
- Lifecycle Manager
- NETWORK & SECURITY
- Security Groups

Launch Instance | Connect | Actions

Actions menu:
- Connect
- Get Windows Password
- Create Template From Instance
- Launch More Like This
- Instance State
- Instance Settings
- Image
- Networking
- CloudWatch Monitoring

Instance Settings submenu:
- Add/Edit Tags
- Attach to Auto Scaling Group
- Attach/Replace IAM Role
- Change Instance Type
- Change Termination Protection
- View/Change User Data
- Change Shutdown Behavior
- Change T2/T3 Unlimited
- Get System Log
- Get Instance Screenshot
- Modify Instance Placement
- Modify Capacity Reservation Settings

Filter by tags and attributes or search

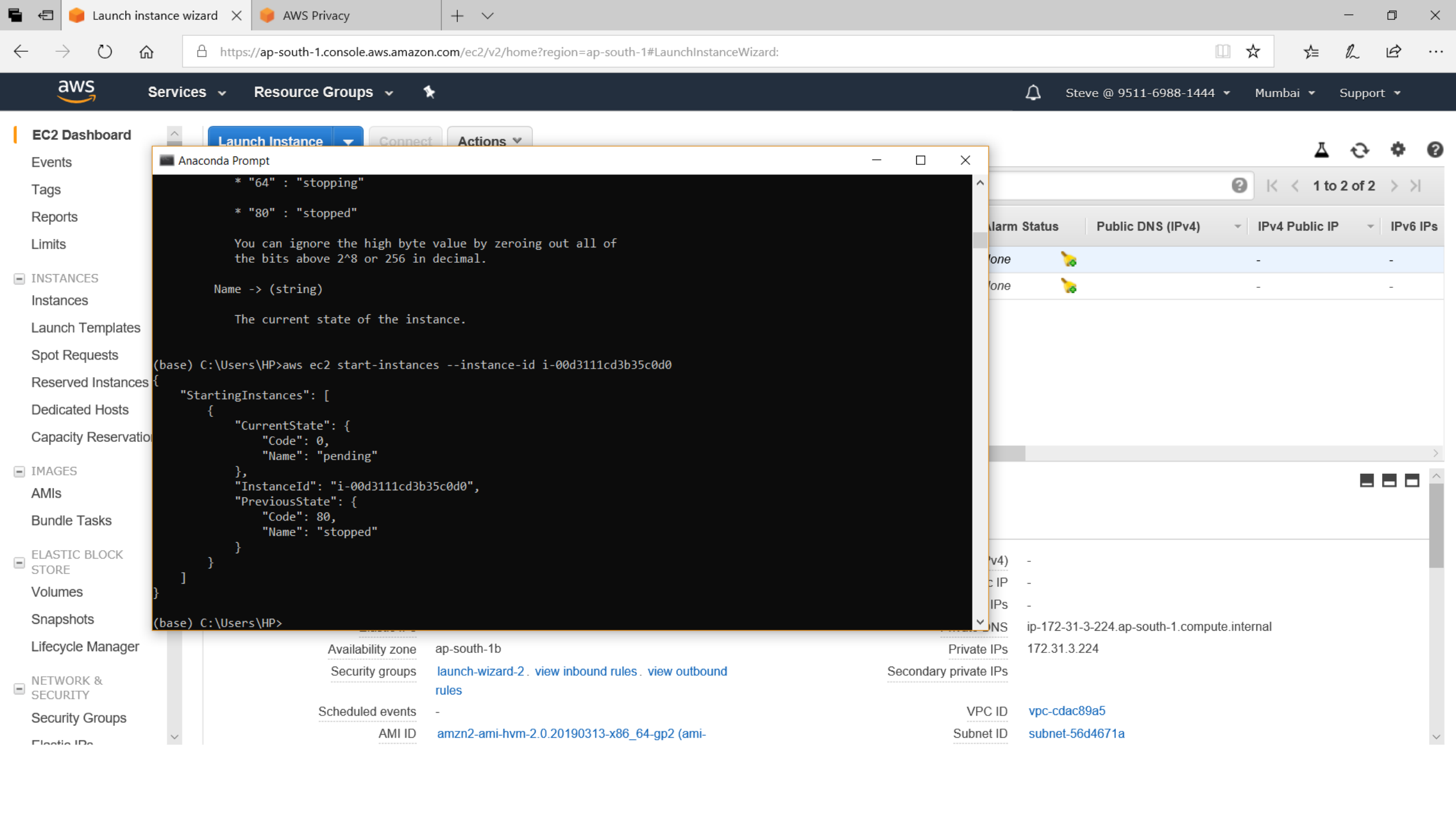
1 to 2 of 2

Status Checks	Alarm Status	Public IP	IPv6 IPs	Key Name	Monitoring	Launch Time	Security Groups
	None		-	SKSEC2	disabled	April 13, 2019 at 4:21:02 PM...	launch-wizard-2
	None			SKS	disabled	January 8, 2019 at 12:02:57...	launch-wizard-1

Instance: i-00d3111cd3b35c0d0 **Private IP: 172.31.3.224**

Description | Status Checks | Monitoring | Tags

Instance ID	i-00d3111cd3b35c0d0	Public DNS (IPv4)	-
Instance state	stopped	IPv4 Public IP	-
Instance type	t2.micro	IPv6 IPs	-
Elastic IPs		Private DNS	ip-172-31-3-224.ap-south-1.compute.internal
Availability zone	ap-south-1b	Private IPs	172.31.3.224
Security groups	launch-wizard-2. view inbound rules. view outbound rules	Secondary private IPs	
Scheduled events	-	VPC ID	vpc-cdac89a5
AMI ID	amzn2-ami-hvm-2.0.20190313-x86_64-gp2 (ami-	Subnet ID	subnet-56d4671a


Launch instance wizard
AWS Privacy
https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Resource Groups
Steve @ 9511-6988-1444
Mumbai
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EC2 Dashboard
Events
Tags
Reports
Limits
INSTANCES
Instances
Launch Templates
Spot Requests
Reserved Instances
Dedicated Hosts
Capacity Reservatio
IMAGES
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Bundle Tasks
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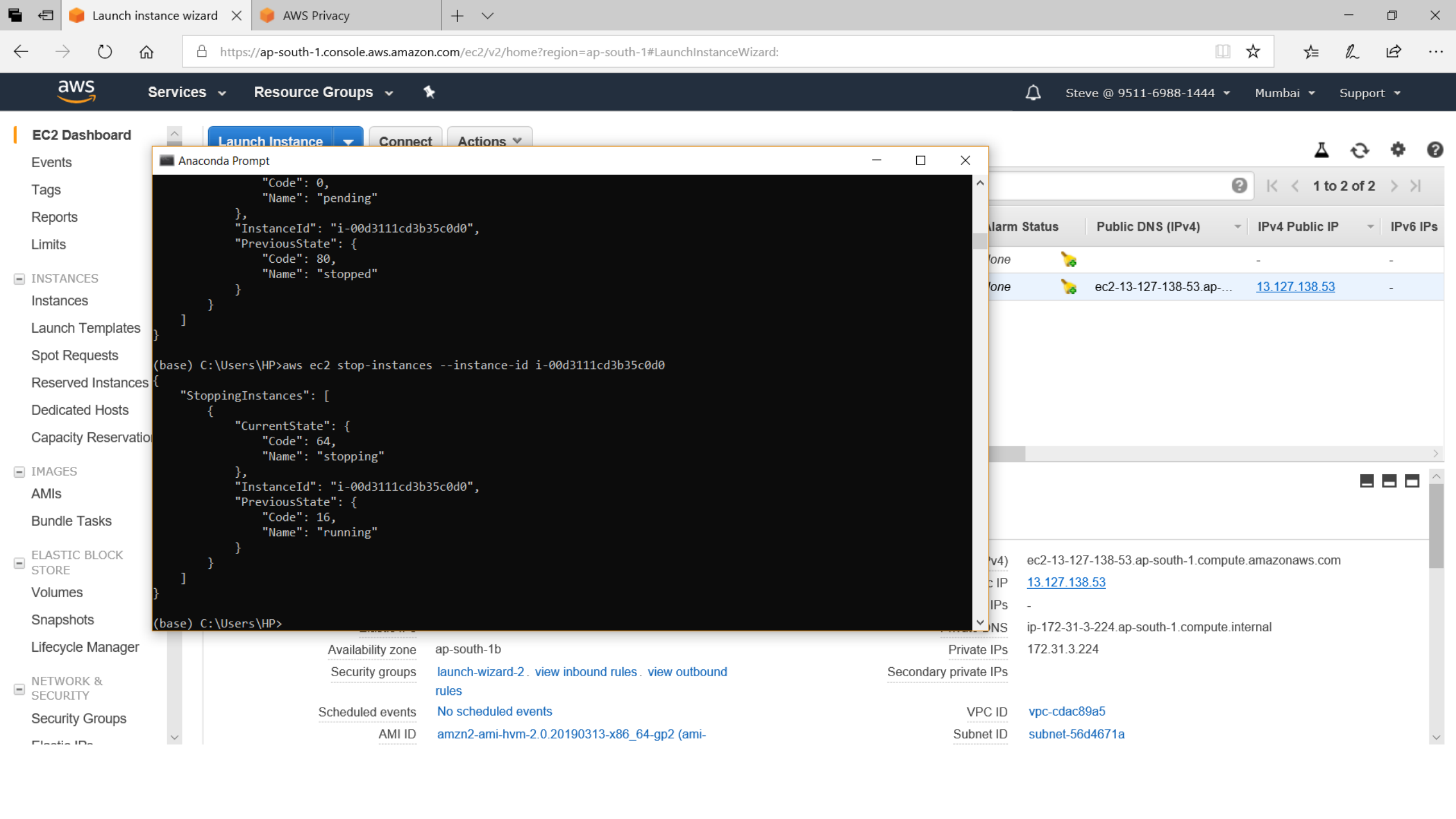
1 to 2 of 2
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
Availability zone
ap-south-1b
Security groups
launch-wizard-2. view inbound rules. view outbound rules
Scheduled events
-
AMI ID
amzn2-ami-hvm-2.0.20190313-x86_64-gp2 (ami-
Private IPs
172.31.3.224
Secondary private IPs
VPC ID
vpc-cdac89a5
Subnet ID
subnet-56d4671a
ip-172-31-3-224.ap-south-1.compute.internal
Anaconda Prompt
* "64" : "stopping"
* "80" : "stopped"
You can ignore the high byte value by zeroing out all of
the bits above 2^8 or 256 in decimal.
Name -> (string)
The current state of the instance.
(base) C:\Users\HP>aws ec2 start-instances --instance-id i-00d3111cd3b35c0d0
{
"StartingInstances": [
{
"CurrentState": {
"Code": 0,
"Name": "pending"
},
"InstanceId": "i-00d3111cd3b35c0d0",
"PreviousState": {
"Code": 80,
"Name": "stopped"
}
}
]
}
(base) C:\Users\HP>


Launch instance wizard
AWS Privacy
https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
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Steve @ 9511-6988-1444
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Actions
1 to 2 of 2
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
None
None
ec2-13-127-138-53.ap-...
13.127.138.53
Anaconda Prompt
"Code": 0,
"Name": "pending"
},
"InstanceId": "i-00d3111cd3b35c0d0",
"PreviousState": {
"Code": 80,
"Name": "stopped"
}
}
]
}
(base) C:\Users\HP>aws ec2 stop-instances --instance-id i-00d3111cd3b35c0d0
{
"StoppingInstances": [
{
"CurrentState": {
"Code": 64,
"Name": "stopping"
},
"InstanceId": "i-00d3111cd3b35c0d0",
"PreviousState": {
"Code": 16,
"Name": "running"
}
}
]
}
(base) C:\Users\HP>
ec2-13-127-138-53.ap-south-1.compute.amazonaws.com
13.127.138.53
ip-172-31-3-224.ap-south-1.compute.internal
Availability zone
ap-south-1b
Private IPs
172.31.3.224
Security groups
launch-wizard-2. view inbound rules. view outbound rules
Secondary private IPs
Scheduled events
No scheduled events
VPC ID
vpc-cdac89a5
AMI ID
amzn2-ami-hvm-2.0.20190313-x86_64-gp2 (ami-
Subnet ID
subnet-56d4671a