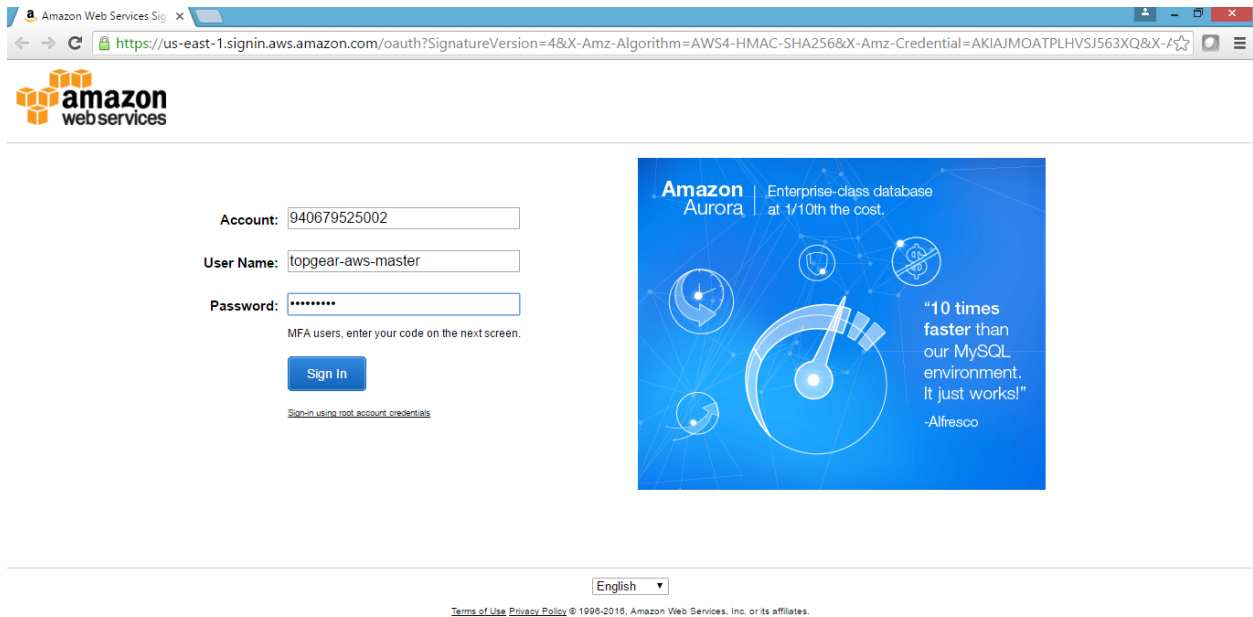


AWS MANAGEMENT CONSOLE LOGIN

- 1) Please login to the URL <https://940679525002.signin.aws.amazon.com/console> using the below credentials:

Username	topgear-aws-master
Password	wipro_123



Account: 940679525002

User Name: topgear-aws-master

Password: *****

MFA users, enter your code on the next screen.

[Sign In](#)

[Sign-in using root account credentials](#)

Amazon Aurora | Enterprise-class database at 1/10th the cost.

"10 times faster than our MySQL environment. It just works!"
-Alfresco

English

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*User would be prompted to change password on first login:

Amazon Web Services Sign-in page. The browser address bar shows `https://us-east-1.signin.aws.amazon.com/oauth`. The Amazon Web Services logo is at the top left. A red message states: "You must change your password to continue".

Fields and values:

- AWS account:** 940679525002
- IAM user name:** topgear-aws-master
- Old password:** [Redacted]
- New password:** [Redacted]
- Retype new password:** [Redacted]

A blue button labeled "Confirm password change" is present. Below it is a link: "Sign in using root account credentials". At the bottom, there is a language dropdown set to "English" and a footer with "Terms of Use" and "Privacy Policy" links, dated 1998-2016.

2) Upon successful login, user is directed to Home Page as shown below:

AWS Management Console Home Page. The browser address bar shows `https://console.aws.amazon.com/console/home?region=us-east-1`. The top navigation bar includes "AWS", "Services", "Edit", and user information: "topgear-aws-master @ 9406-79...", "N. Virginia", and "Support".

Amazon Web Services

Compute

- EC2: Virtual Servers in the Cloud
- EC2 Container Service: Run and Manage Docker Containers
- Elastic Beanstalk: Run and Manage Web Apps
- Lambda: Run Code in Response to Events

Storage & Content Delivery

- S3: Scalable Storage in the Cloud
- CloudFront: Global Content Delivery Network
- Elastic File System: Fully Managed File System for EC2
- Glacier: Archive Storage in the Cloud
- Snowball: Large Scale Data Transport
- Storage Gateway: Hybrid Storage Integration

Database

- RDS: Managed Relational Database Service
- DynamoDB: Managed NoSQL Database
- ElastiCache: In-Memory Cache
- Redshift

Developer Tools

- CodeCommit: Store Code in Private Git Repositories
- CodeDeploy: Automate Code Deployments
- CodePipeline: Release Software using Continuous Delivery

Management Tools

- CloudWatch: Monitor Resources and Applications
- CloudFormation: Create and Manage Resources with Templates
- CloudTrail: Track User Activity and API Usage
- Config: Track Resource Inventory and Changes
- OpsWorks: Automate Operations with Chef
- Service Catalog: Create and Use Standardized Products
- Trusted Advisor: Optimize Performance and Security

Security & Identity

- Identity & Access Management: Manage User Access and Encryption Keys
- Directory Service: Host and Manage Active Directory
- Inspector: Analyze Application Security
- WAF

Internet of Things

- AWS IoT: Connect Devices to the Cloud

Game Development

- GameLift: Deploy and Scale Session-based Multiplayer Games

Mobile Services

- Mobile Hub: Build, Test, and Monitor Mobile Apps
- Cognito: User Identity and App Data Synchronization
- Device Farm: Test Android, iOS, and Web Apps on Real Devices in the Cloud
- Mobile Analytics: Collect, View and Export App Analytics
- SNS: Push Notification Service

Application Services

- API Gateway: Build, Deploy and Manage APIs
- AppStream: Low Latency Application Streaming
- CloudSearch: Managed Search Service
- Elastic Transcoder: Easy-to-Use Scalable Media Transcoding
- SES: Email Sending and Receiving Service

Resource Groups [Learn more](#)

A resource group is a collection of resources that share one or more tags. Create a group for each project, application, or environment in your account.

[Create a Group](#) [Tag Editor](#)

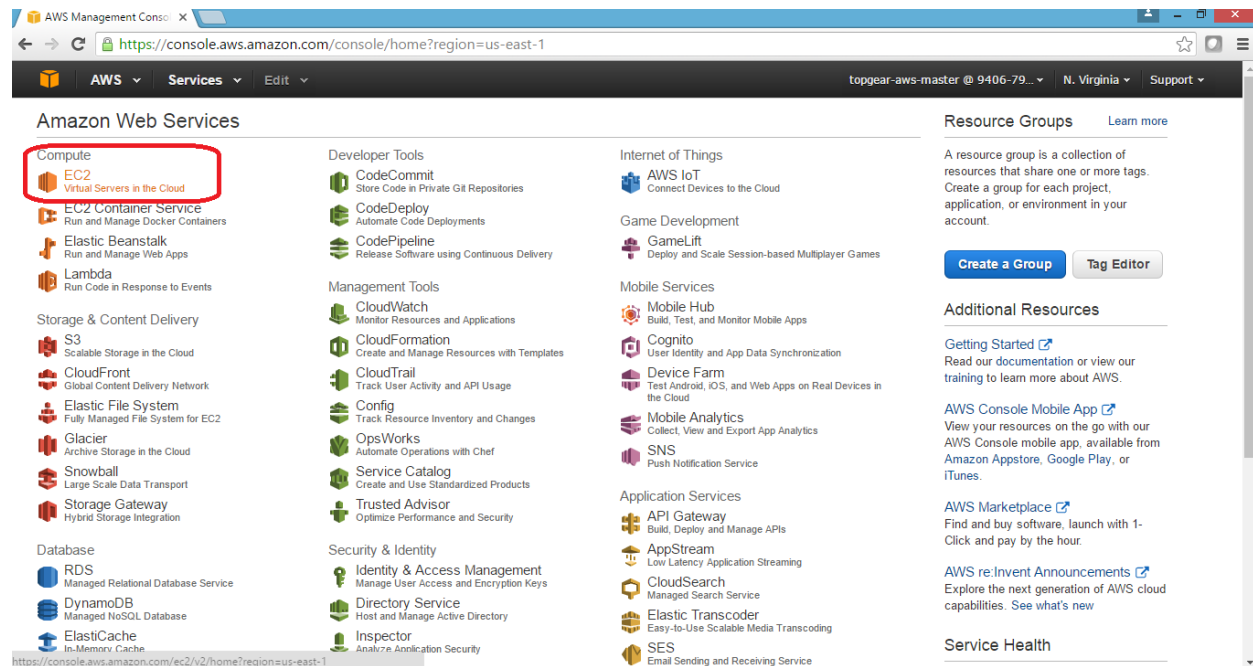
Additional Resources

- [Getting Started](#): Read our documentation or view our training to learn more about AWS.
- [AWS Console Mobile App](#): View your resources on the go with our AWS Console mobile app, available from Amazon Appstore, Google Play, or iTunes.
- [AWS Marketplace](#): Find and buy software, launch with 1-Click and pay by the hour.
- [AWS re:Invent Announcements](#): Explore the next generation of AWS cloud capabilities. See what's new.

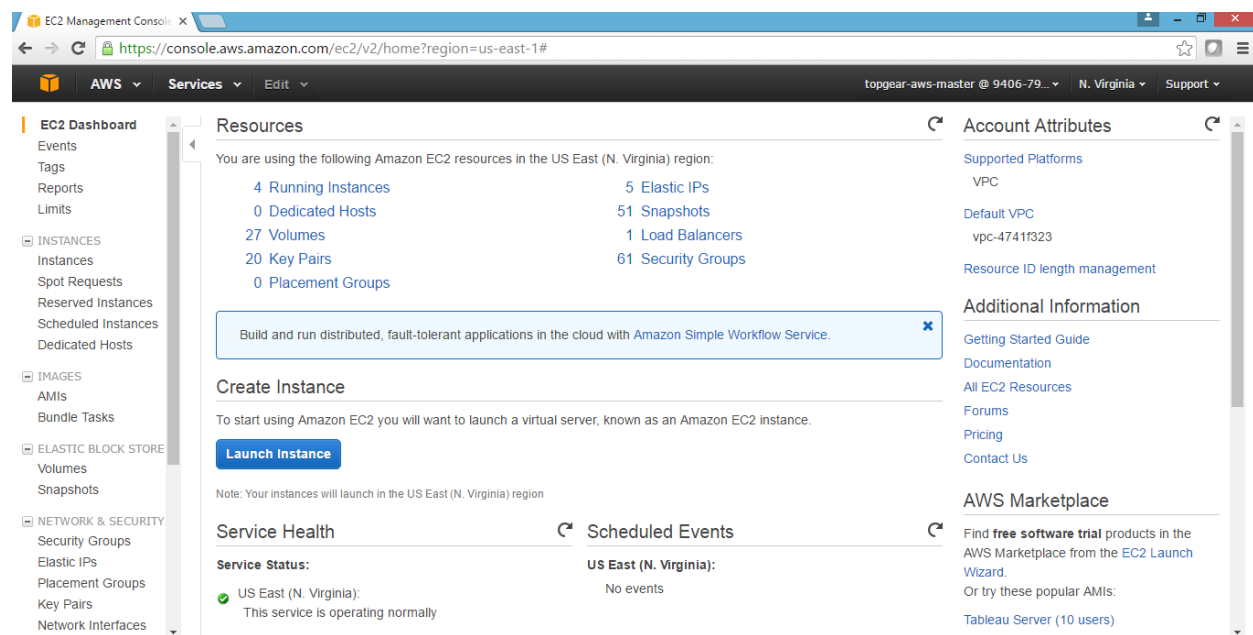
Service Health

Creating EC2 instance:

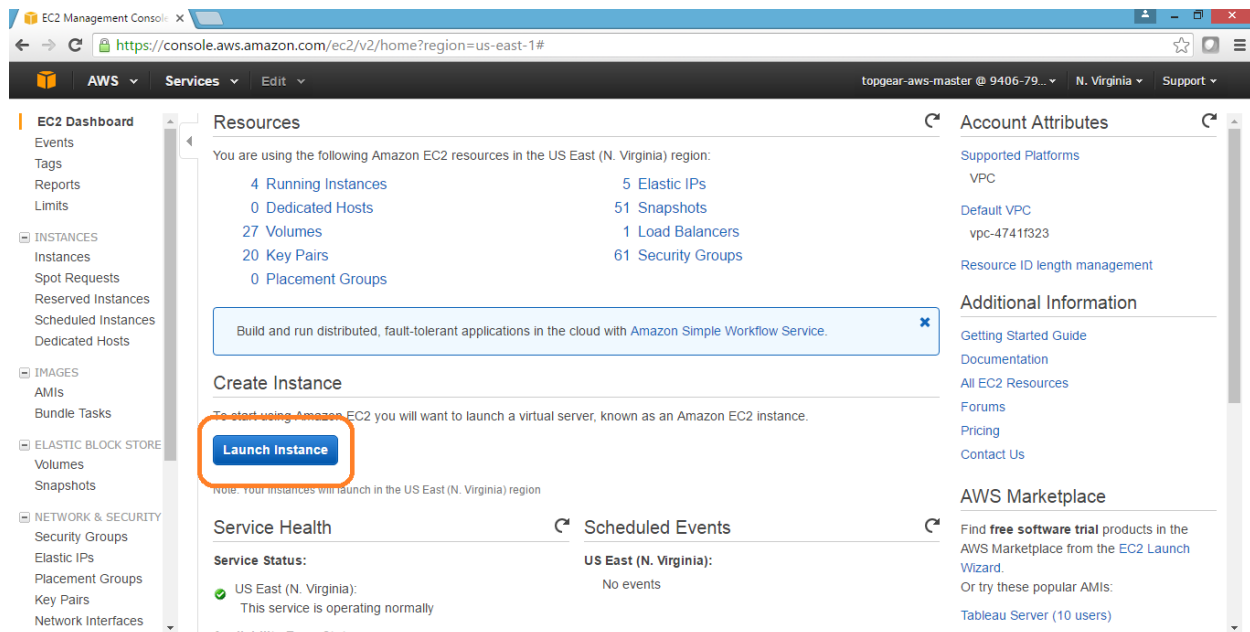
1) To create an EC2 instance, please click on **EC2** under Compute group.



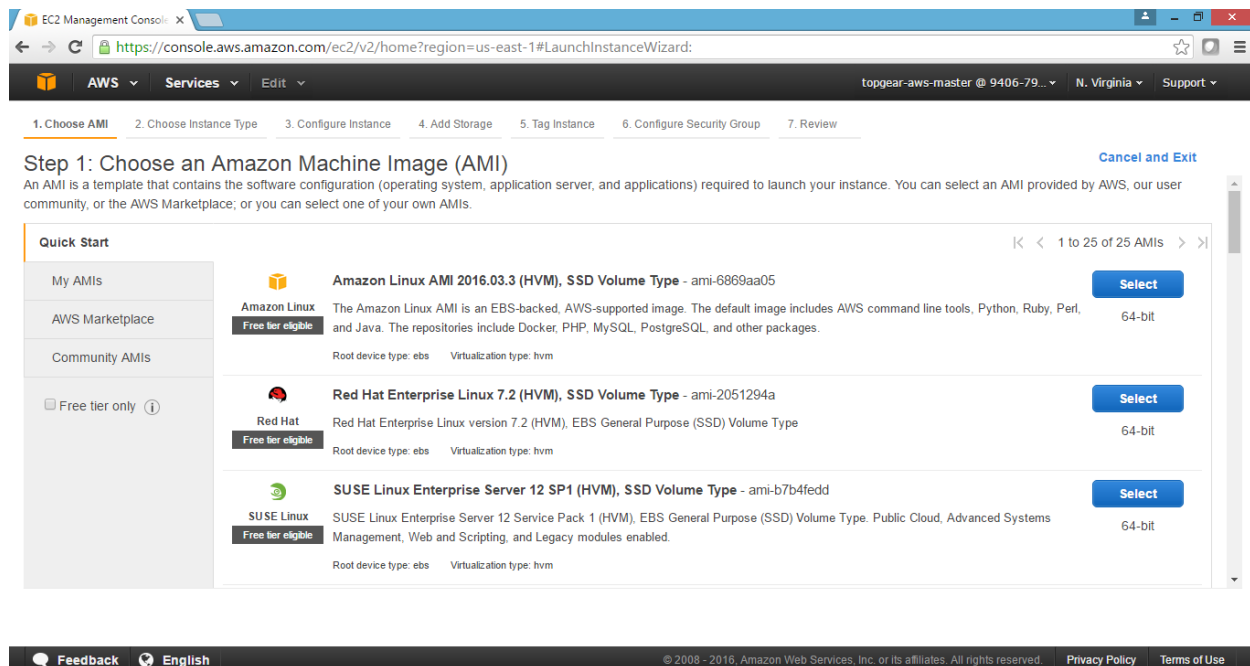
2) The various options under EC2 Dashboard are shown as under:



3) To create a new EC2 instance click on **Launch Instance** button.



4) Then select the AMI instance from the list as per requirement.



5) Select an instance from the various instance types and then click **Next: Configure Instance Details** button.

EC2 Management Console

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

AWS Services Edit topgear-aws-master @ 9406-79... N. Virginia Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 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 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
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	m4.large	2	8	EBS only	Yes	Moderate

Cancel Previous Review and Launch Next: Configure Instance Details

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6) Now provide the various instance details as shown in screenshot below. Click on **Next: Add Storage** button.

EC2 Management Console

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

AWS Services Edit topgear-aws-master @ 9406-79... N. Virginia Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 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-226c2046 (192.168.0.0/16) | gafa_vpc Create new VPC

Subnet subnet-0f14a779 (192.168.2.0/24) | gafa-sub-pub1 Create new subnet
249 IP Addresses available

Auto-assign Public IP Use subnet setting (Disable)

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.

Cancel Previous Review and Launch Next: Add Storage

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7) Now enter the storage details as per requirement and click **Next: Tag Instance** button.

EC2 Management Console x EC2 Management Console x

← → ↻ <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard> ☆ ☰

AWS ▾ **Services** ▾ Edit ▾ topgear-aws-master @ 9406-79... ▾ N. Virginia ▾ Support ▾

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 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 ⓘ	Encrypted ⓘ
Root	/dev/sda1	snap-ba40cac8	10	General Purpose SSD (GP2) ▾	100 / 3000	N/A	<input checked="" type="checkbox"/>	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.

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Tag Instance](#)

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8) Please provide the Tag to your instance and click on **Next: Configure Security Group** button.

Tag name should be in format <<ad-id_ddmmyy>> example: vi241329_01072016

EC2 Management Console x EC2 Management Console x

← → ↻ <https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard> ☆ ☰

AWS ▾ **Services** ▾ Edit ▾ topgear-aws-master @ 9406-79... ▾ N. Virginia ▾ Support ▾

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

Step 5: Tag Instance

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver. [Learn more](#) about tagging your Amazon EC2 resources.

Key (127 characters maximum)	Value (255 characters maximum)
Name	

[Create Tag](#) (Up to 10 tags maximum)

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Configure Security Group](#)

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9) Please configure the security group in this screen and then click on **Review and Launch** button.

EC2 Management Console

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

AWS Services Edit topgear-aws-master @ 9406-79... N. Virginia Support

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Tag Instance 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	Name	Description
<input type="checkbox"/>	sg-52f2c82b default	default VPC security group
<input type="checkbox"/>	sg-f6c9f38f gafa-sg-elb	security group for elb
<input checked="" type="checkbox"/>	sg-02ecd67b gafa-sg-vpc	gafa-sg-vpc

Type	Protocol	Port Range	Source
HTTP	TCP	80	0.0.0.0/0
SSH	TCP	22	0.0.0.0/0
Custom TCP Rule	TCP	8787	0.0.0.0/0
HTTPS	TCP	443	0.0.0.0/0

Cancel Previous **Review and Launch**

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10) Review the instance details (modify the instance, if required) and the click on **Launch** button.

EC2 Management Console

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

AWS Services Edit topgear-aws-master @ 9406-79... N. Virginia Support

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

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

⚠ Improve your instances' security. Your security group, gafa-sg-vpc, is open to the world.

Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only. You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI Details [Edit AMI](#)

Red Hat Enterprise Linux 7.2 (HVM), SSD Volume Type - ami-2081294a

Free tier eligible Red Hat Enterprise Linux version 7.2 (HVM), EBS General Purpose (SSD) Volume Type Root Device Type: ebs Virtualization type: hvm

Instance Type [Edit instance type](#)

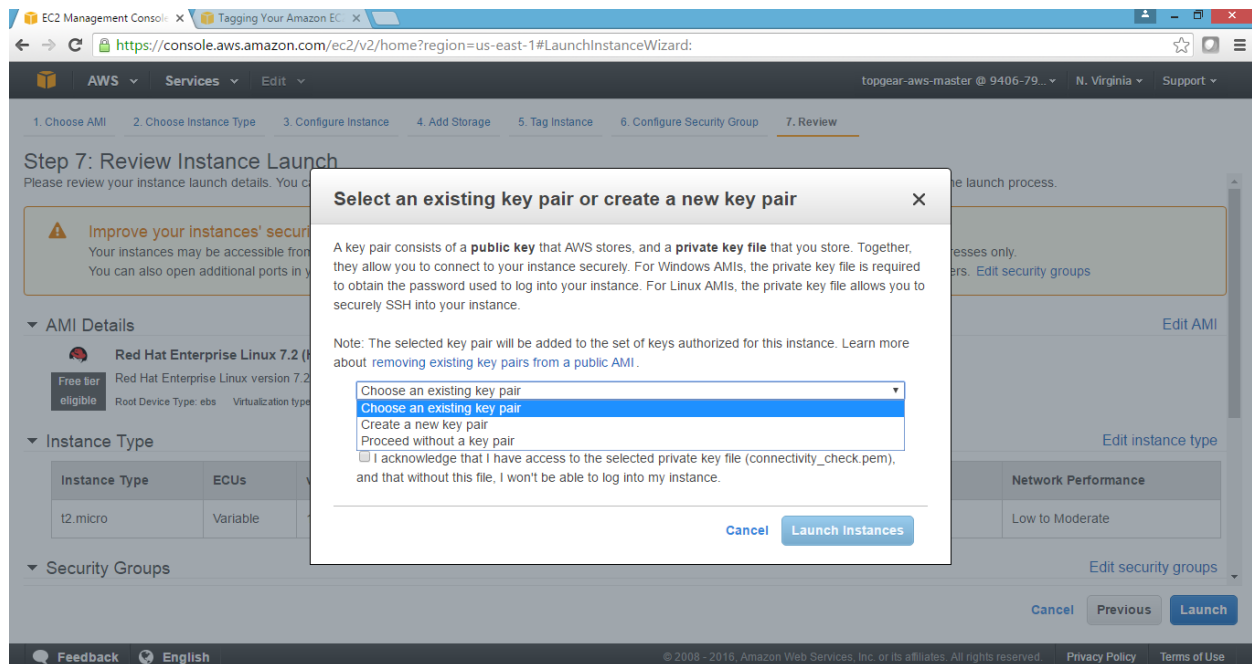
Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups [Edit security groups](#)

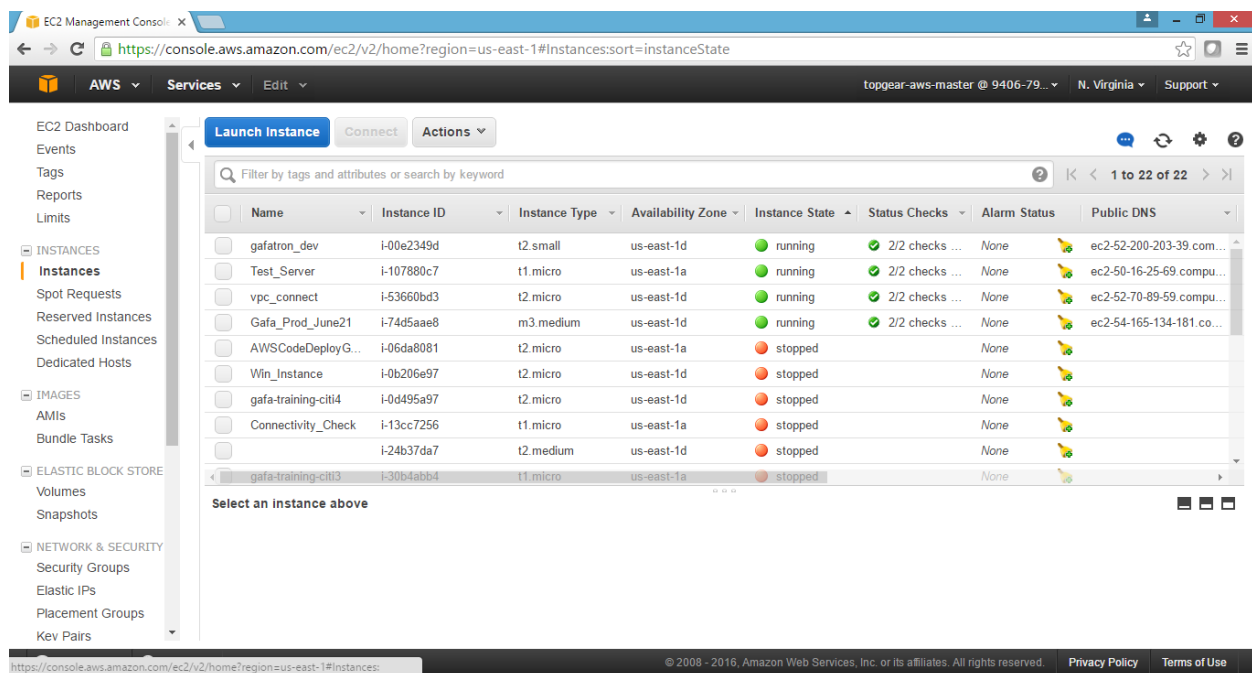
Cancel Previous **Launch**

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11) On click of **Launch** button you would be prompted to select an existing key pair or create a new key pair. You may either choose to create a new key pair or select the existing one. If you select a new key pair then the **please keep the downloaded key pair securely as it can't be downloaded again**. You can use the newly generated PEM file to generate the PPK file using PuttyGen.

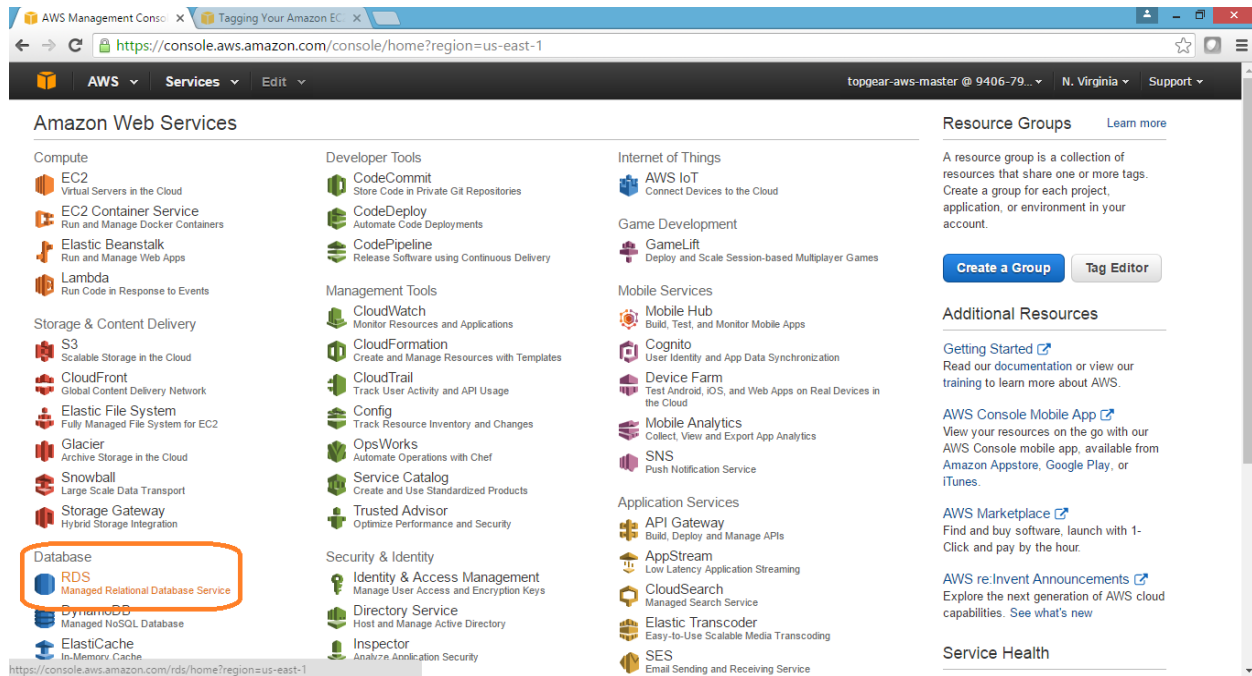


12) Now go to **Instance** menu in the **EC2 Dashboard** (as shown below), check the Instance State for the instance just created. It would become **running** in sometime.

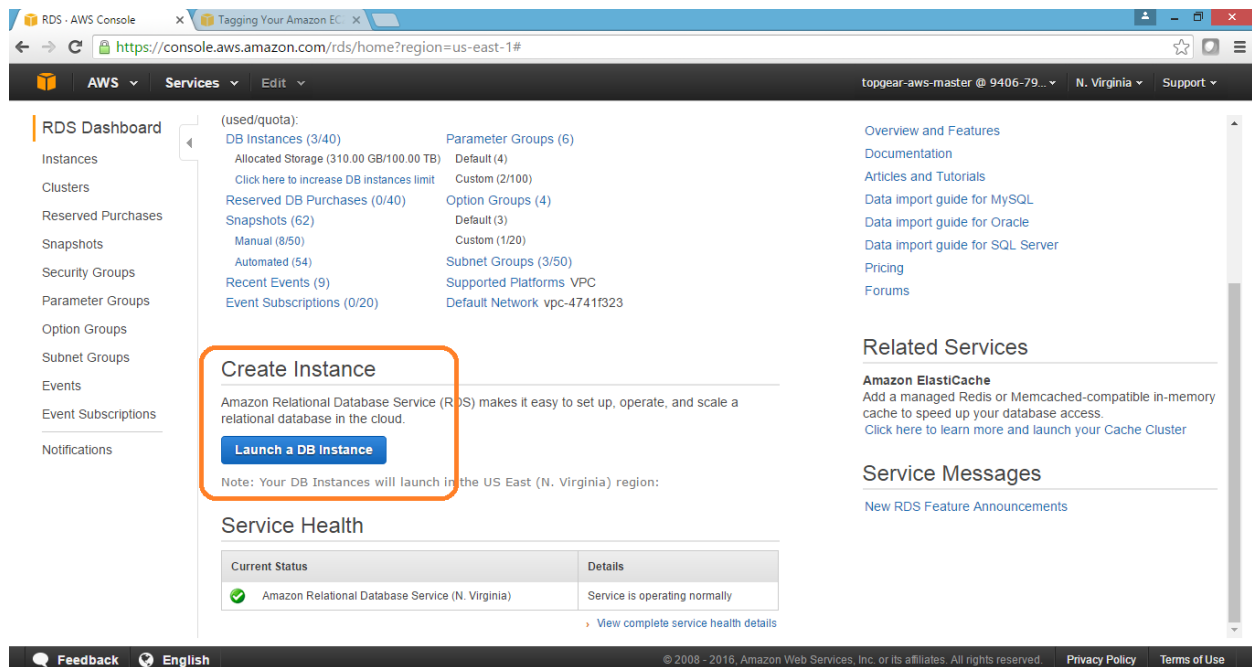


Creating RDS instance

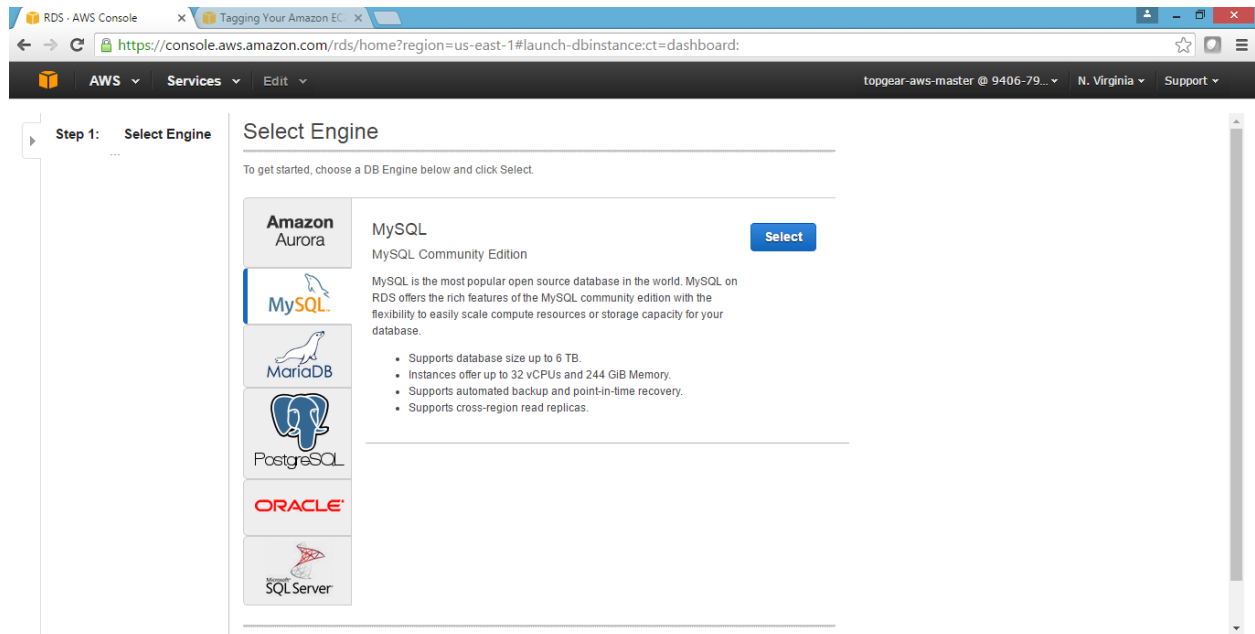
1) Go to the AWS Management Console Home Page, then select **RDS** under **Database** group:



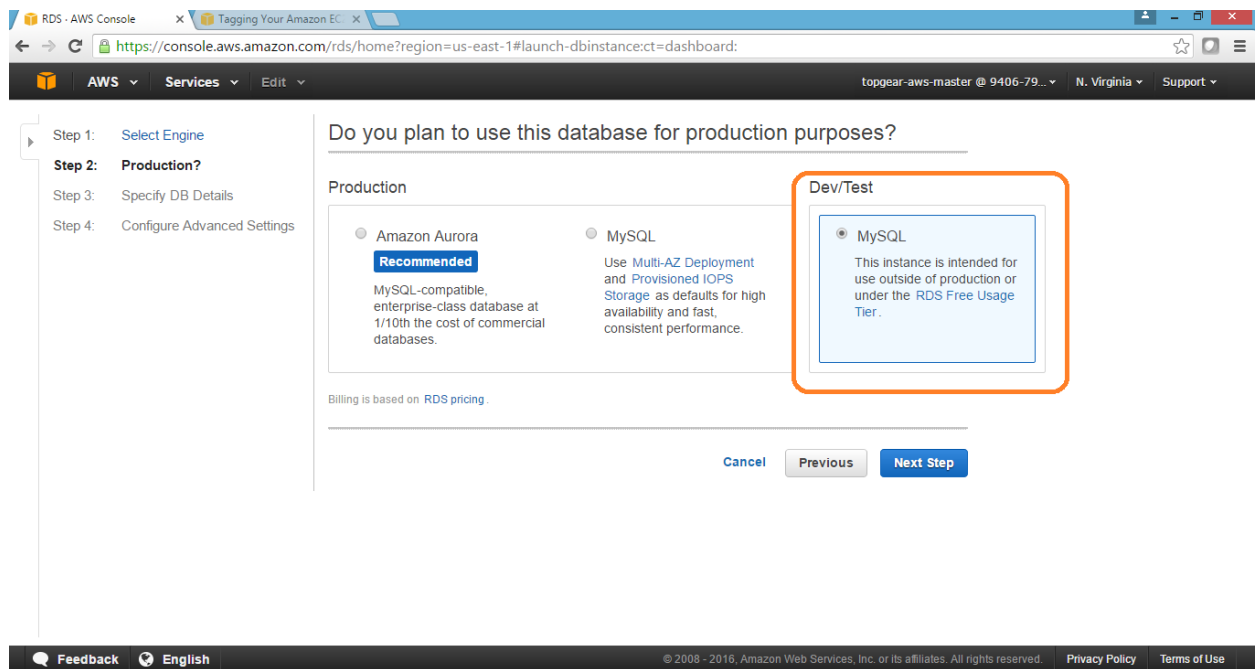
2) Now click on **Launch a DB Instance** button:



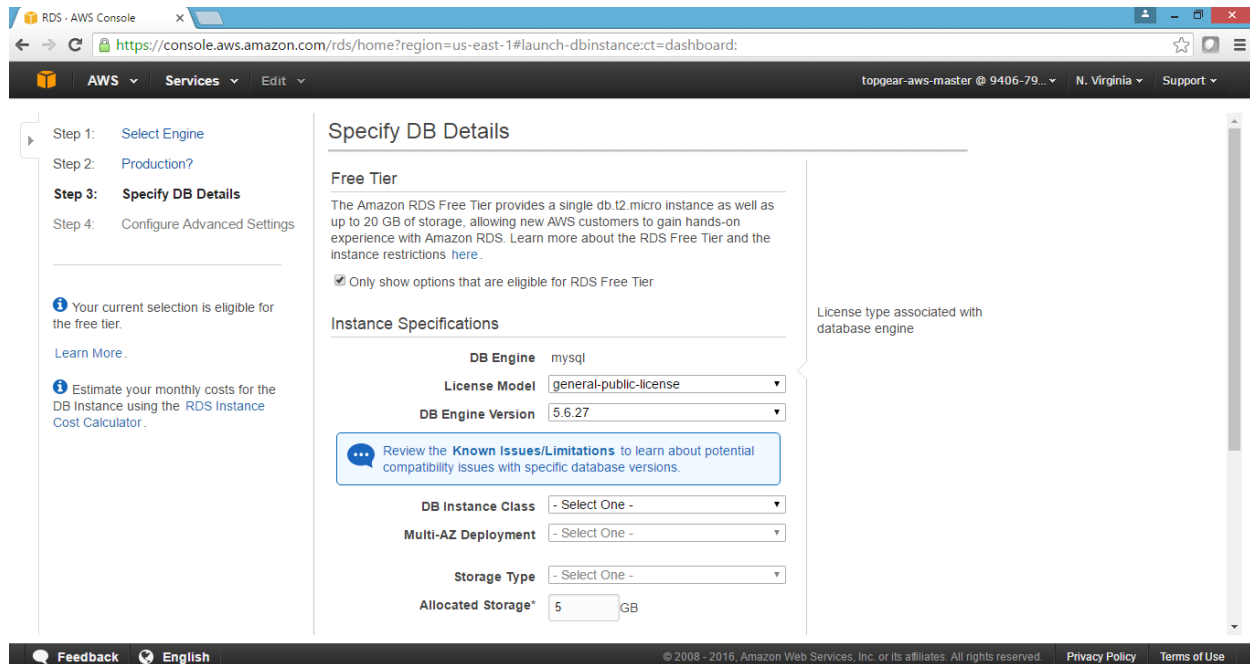
3) Please select the database engine as per the requirement from the various option listed:



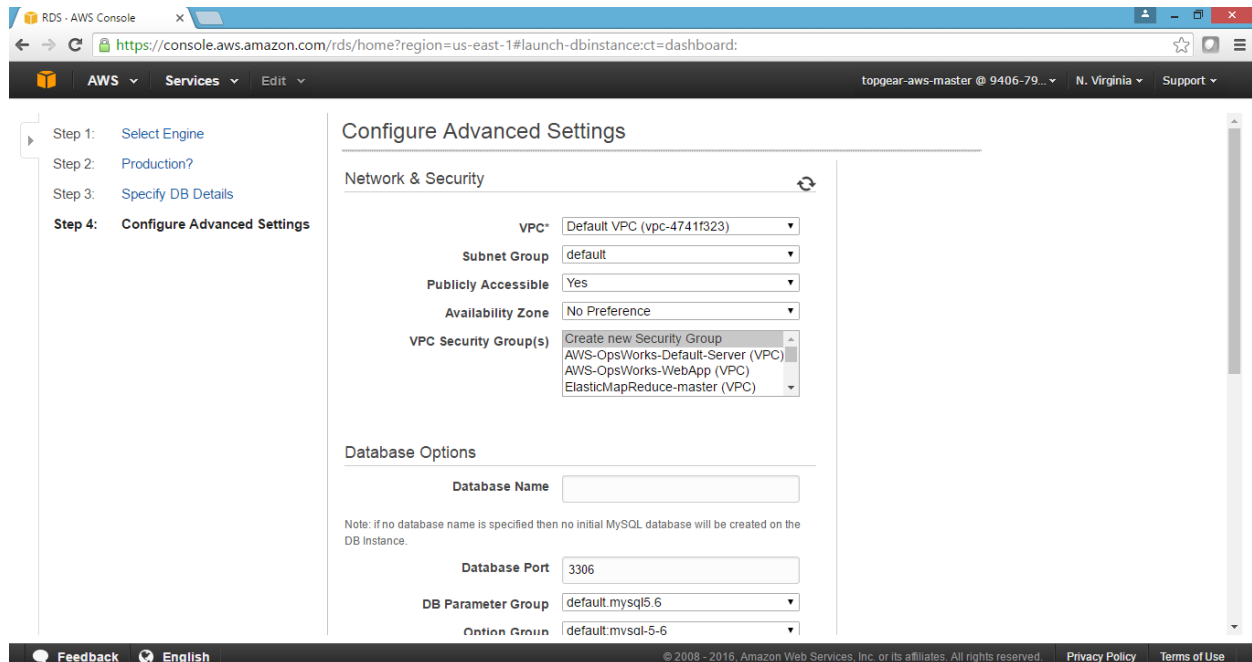
4) Please select Dev/Test option as shown in figure below (for non-prod RDS):



5) Set various DB parameters, please select the checkbox “Only show options that are eligible for RDS Free Tier”.



- 6) Enter other details as:
 - a) License Model: general-purpose-license
 - b) DB Engine Version: 5.6.27
 - c) DB Instance Class: db.t2.micro - 1 vCPU, 1 GiB RAM
 - d) Storage Type: General Purpose (SSD)
 - e) Allocated Storage*: 5GB
- 7) Finally enter the database details:
 - a) DB Instance Identifier: <<set instance identifier>>
 - b) Master Username: <<set master username>>
 - c) Master Password: <<set some password>>
 - d) Confirm Password: <<same as Master Password>>
- 8) Continue with further settings:

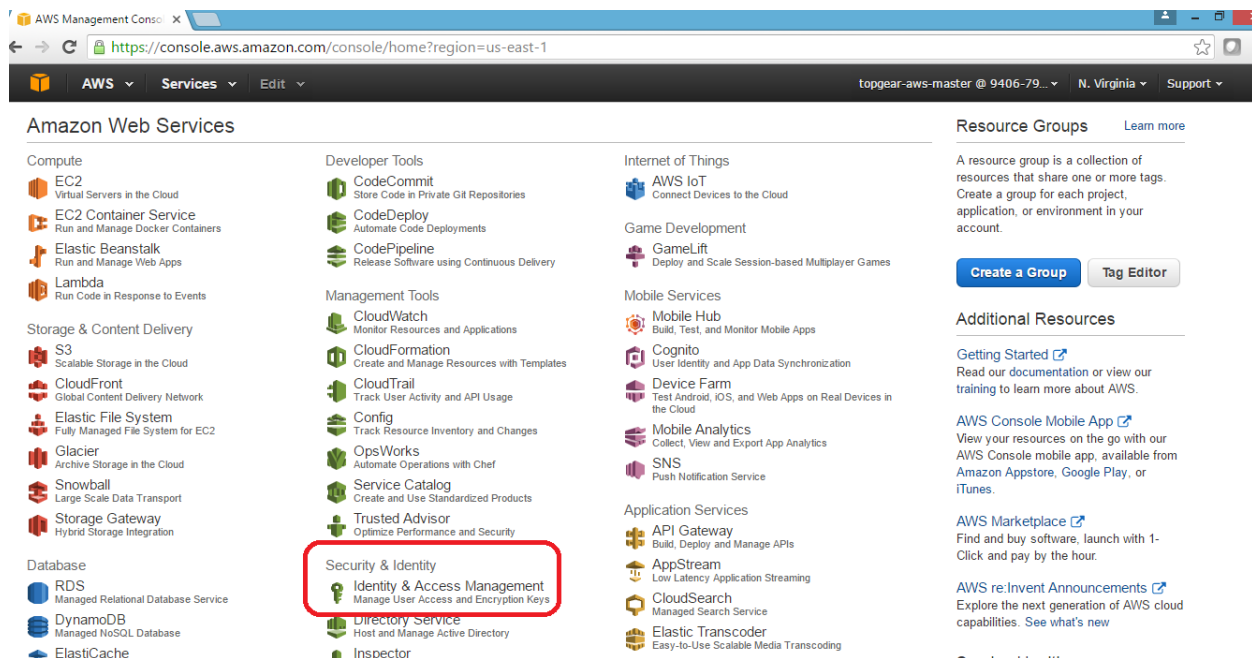


- 9) Set a Database name and select other options. Finally click on **Launch DB Instance** button to create the DB.

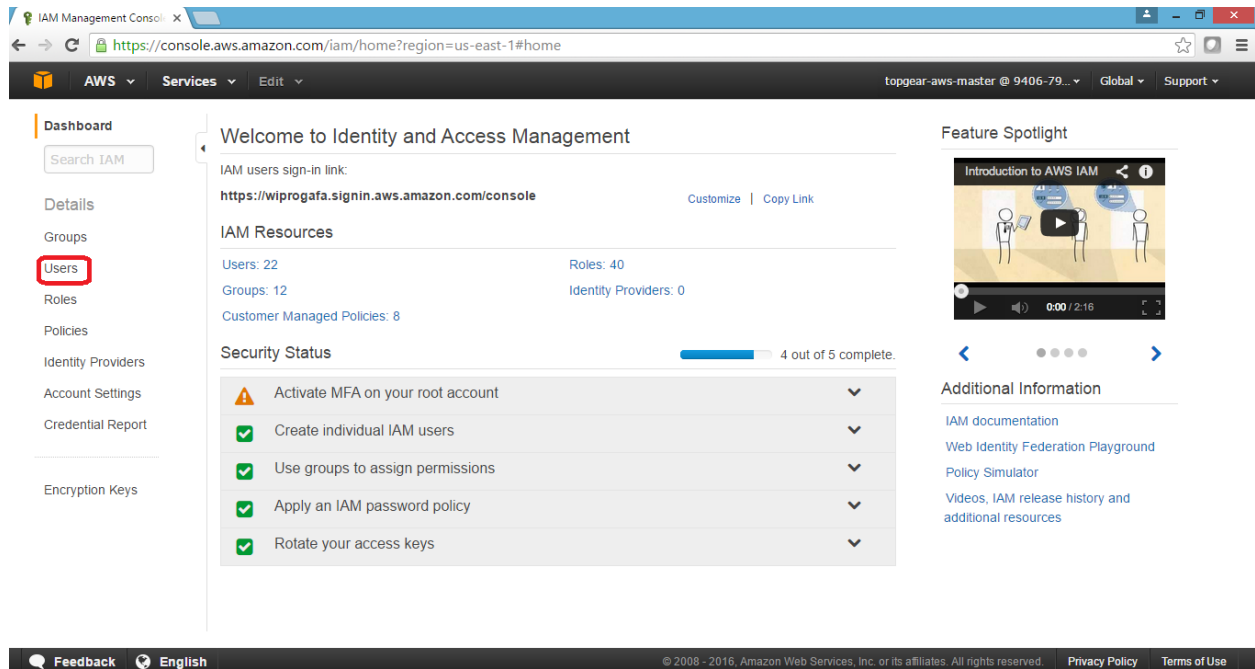
Once created, the DB would be available under **Instance** menu of the **RDS Dashboard** with status as **available**.

IAM USER CREATION

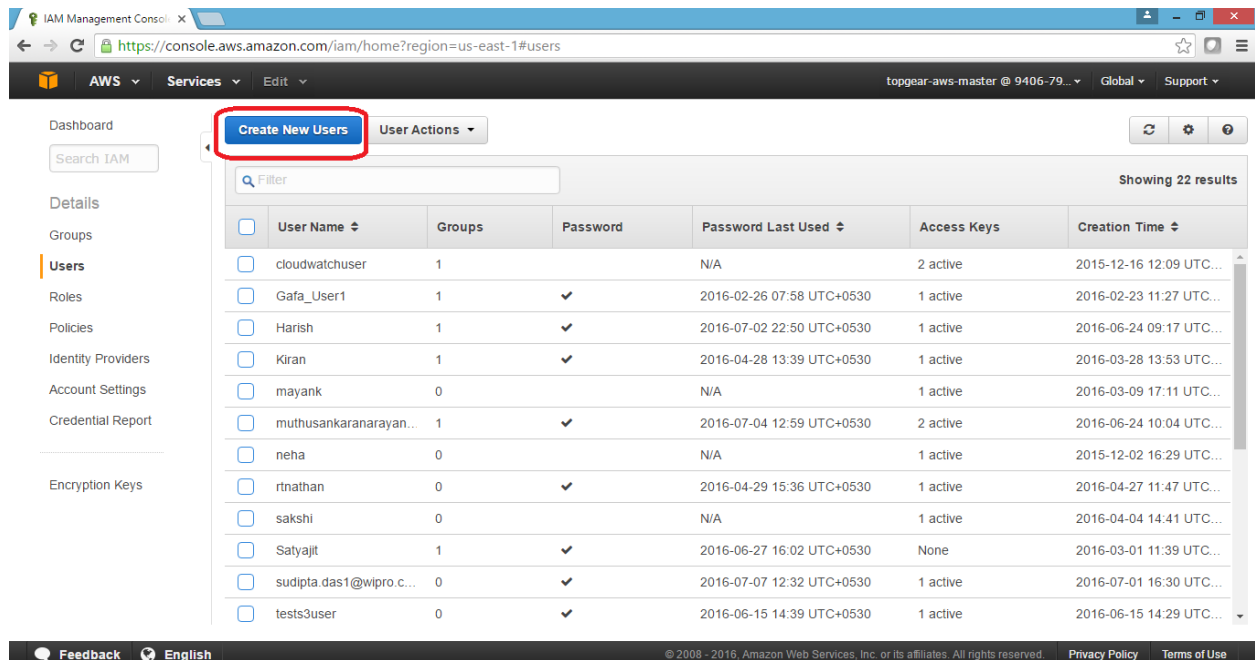
- 1) Login to AWS Management Console and click on **Identity & Access Management** menu.



2) Click on the **Users** menu under Details in the left.



3) Now click on **Create New Users** button as shown in figure



4) Now enter **ad-id example: vi241329** of the user as user name and select the check-box for generating the access key and click on Create button

IAM Management Console x

← → ↻ <https://console.aws.amazon.com/iam/home?region=us-east-1#users> ☆ ☰

AWS ▾ **Services** ▾ Edit ▾ topgear-aws-master @ 9406-79... ▾ Global ▾ Support ▾

Create User

Enter User Names:

1.

2.

3.

4.

5.

Maximum 64 characters each

☒ **Generate an access key for each user**

Users need access keys to make secure REST or Query protocol requests to AWS service APIs.

For users who need access to the AWS Management Console, create a password in the Users panel after completing this wizard.

Cancel Create

- 5) Now click on **Download Credentials** button and share the details with the user. Access Key details can also be obtained by expanding the **Show User Security Credentials** button.

IAM Management Console x

← → ↻ <https://console.aws.amazon.com/iam/home?region=us-east-1#users> ☆ ☰

AWS ▾ **Services** ▾ Edit ▾ topgear-aws-master @ 9406-79... ▾ Global ▾ Support ▾

Create User

☒ **Your 1 User(s) have been created successfully.**

This is the last time these User security credentials will be available for download.

You can manage and recreate these credentials any time.

[▶ Show User Security Credentials](#)

Close Download Credentials

