Assignment-5

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Student ID: 615206

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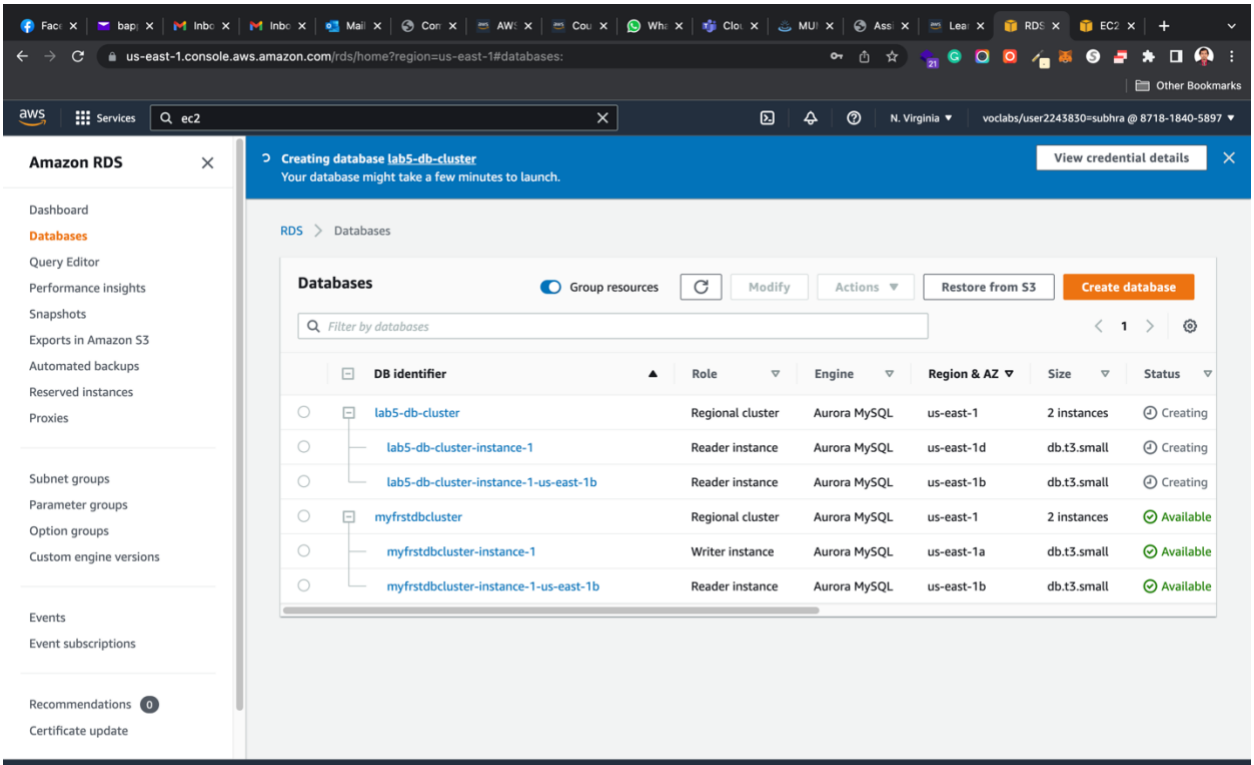
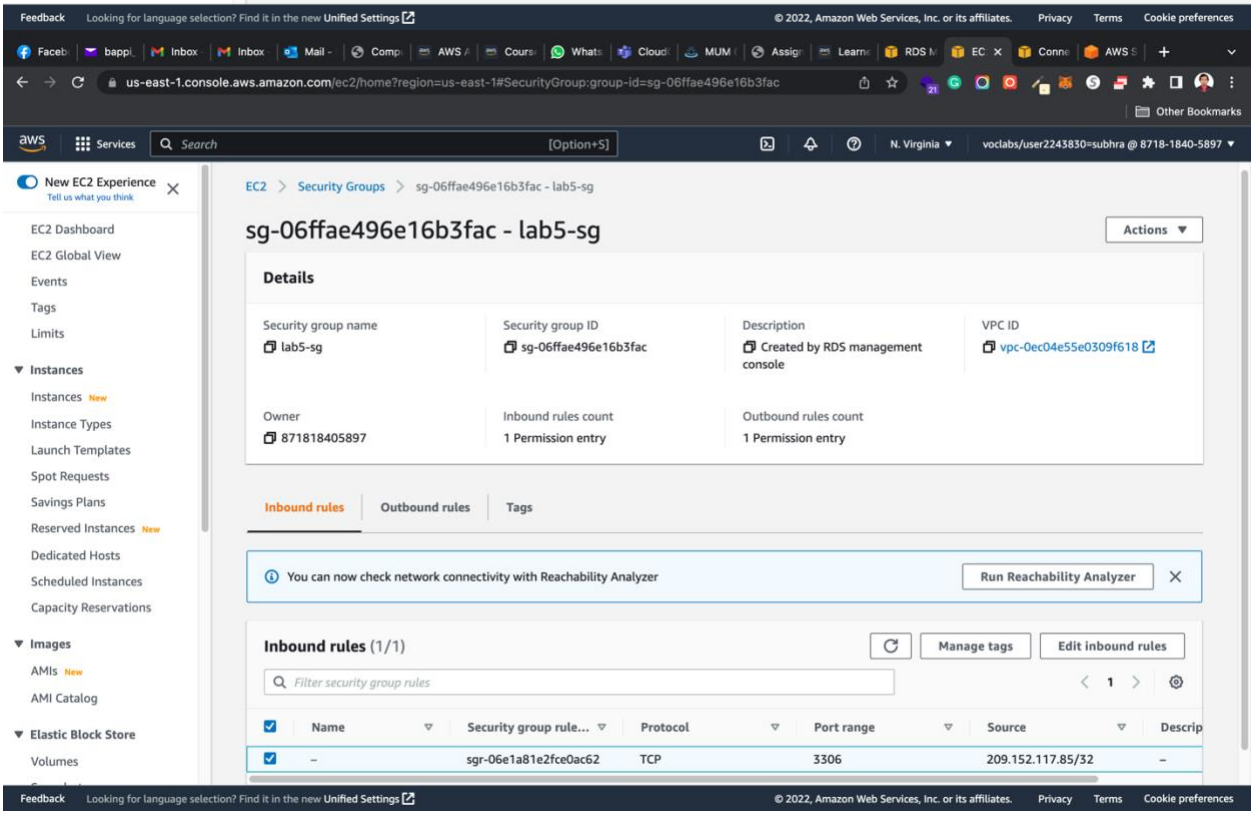
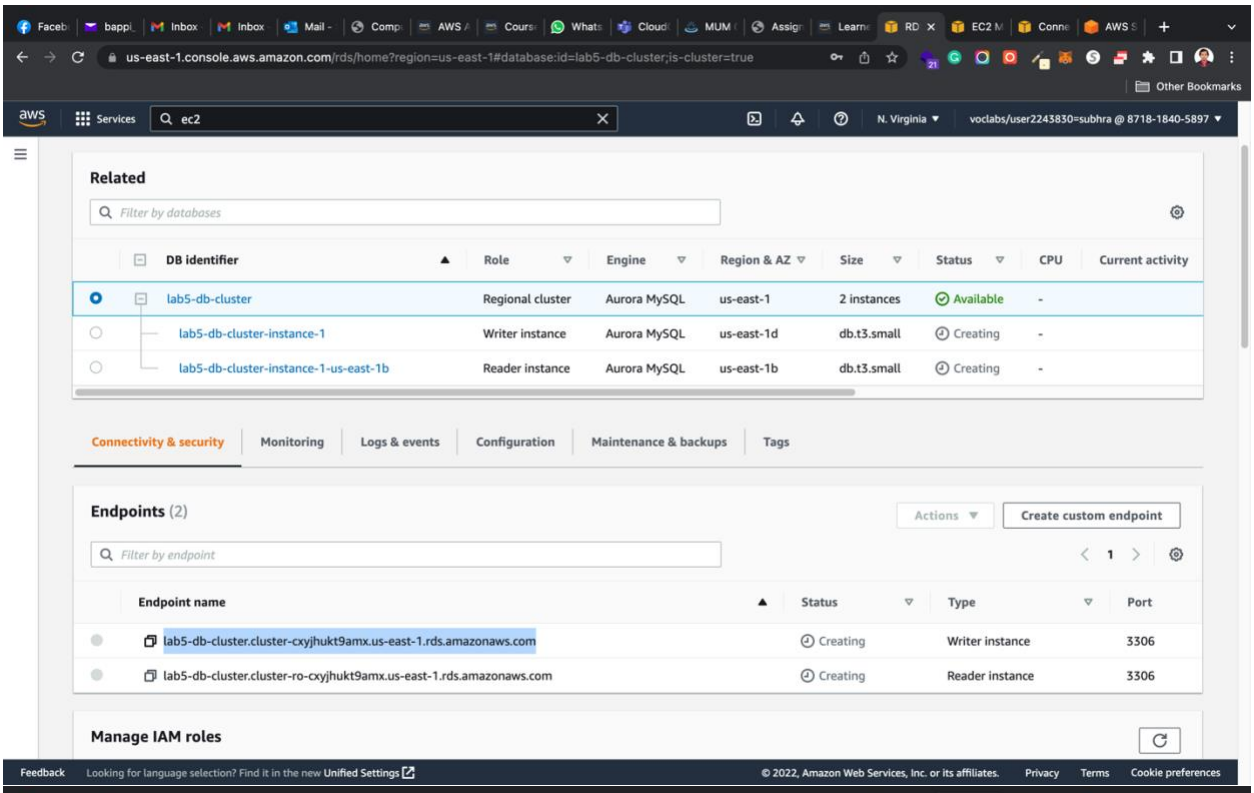
CREATE AN AURORA DATABASE AND CONNECT TO IT FROM AN EC2 2

RUN NODEJS AND MYSQL APP ON ELASTIC BEANSTALK 8

Create an Aurora Database and connect to it from an EC2






us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database:id=lab5-db-cluster;is-cluster=true
Other Bookmarks
Services
ec2
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
Related
Filter by databases
DB identifier
Role
Engine
Region & AZ
Size
Status
CPU
Current activity
lab5-db-cluster
Regional cluster
Aurora MySQL
us-east-1
2 instances
Available
lab5-db-cluster-instance-1
Writer instance
Aurora MySQL
us-east-1d
db.t3.small
Creating
lab5-db-cluster-instance-1-us-east-1b
Reader instance
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us-east-1b
db.t3.small
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Create custom endpoint
Filter by endpoint
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Status
Type
Port
lab5-db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com
Creating
Writer instance
3306
lab5-db-cluster.cluster-ro-cxyjhukt9amx.us-east-1.rds.amazonaws.com
Creating
Reader instance
3306
Manage IAM roles
Feedback
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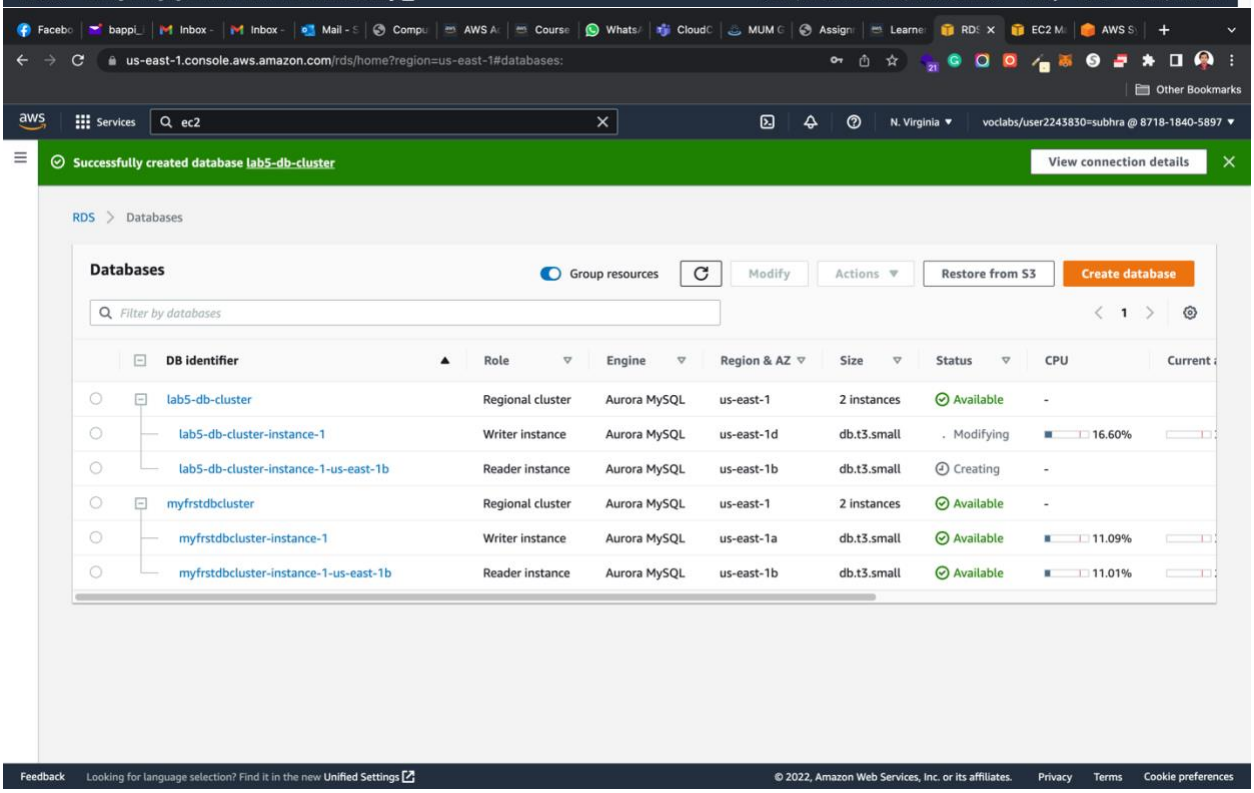
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:
Other Bookmarks
Services
ec2
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
Successfully created database lab5-db-cluster
View connection details
RDS
Databases
Databases
Group resources
Modify
Actions
Restore from S3
Create database
Filter by databases
DB identifier
Role
Engine
Region & AZ
Size
Status
CPU
lab5-db-cluster
Regional cluster
Aurora MySQL
us-east-1
2 instances
Available
lab5-db-cluster-instance-1
Writer instance
Aurora MySQL
us-east-1d
db.t3.small
Modifying
16.60%
lab5-db-cluster-instance-1-us-east-1b
Reader instance
Aurora MySQL
us-east-1b
db.t3.small
Creating
myfrstdbcluster
Regional cluster
Aurora MySQL
us-east-1
2 instances
Available
myfrstdbcluster-instance-1
Writer instance
Aurora MySQL
us-east-1a
db.t3.small
Available
11.09%
myfrstdbcluster-instance-1-us-east-1b
Reader instance
Aurora MySQL
us-east-1b
db.t3.small
Available
11.01%
Feedback
Looking for language selection? Find it in the new Unified Settings
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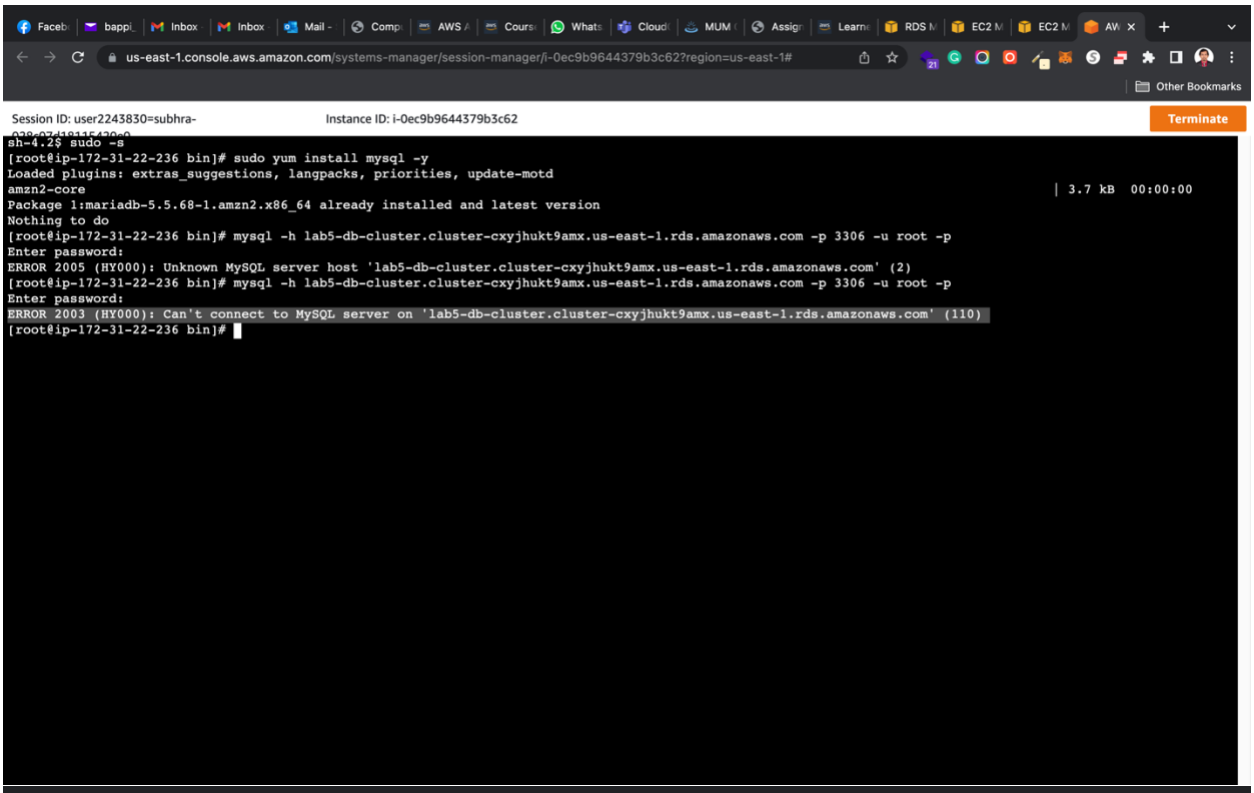
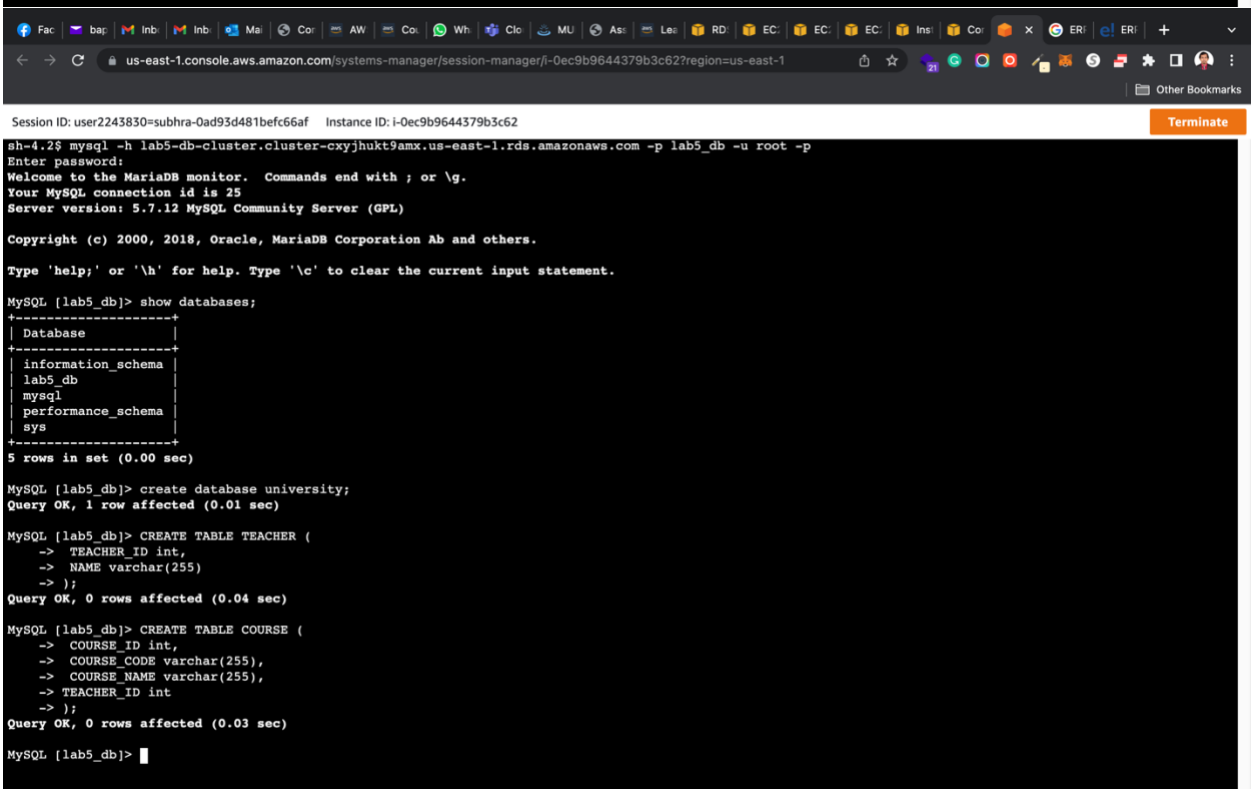
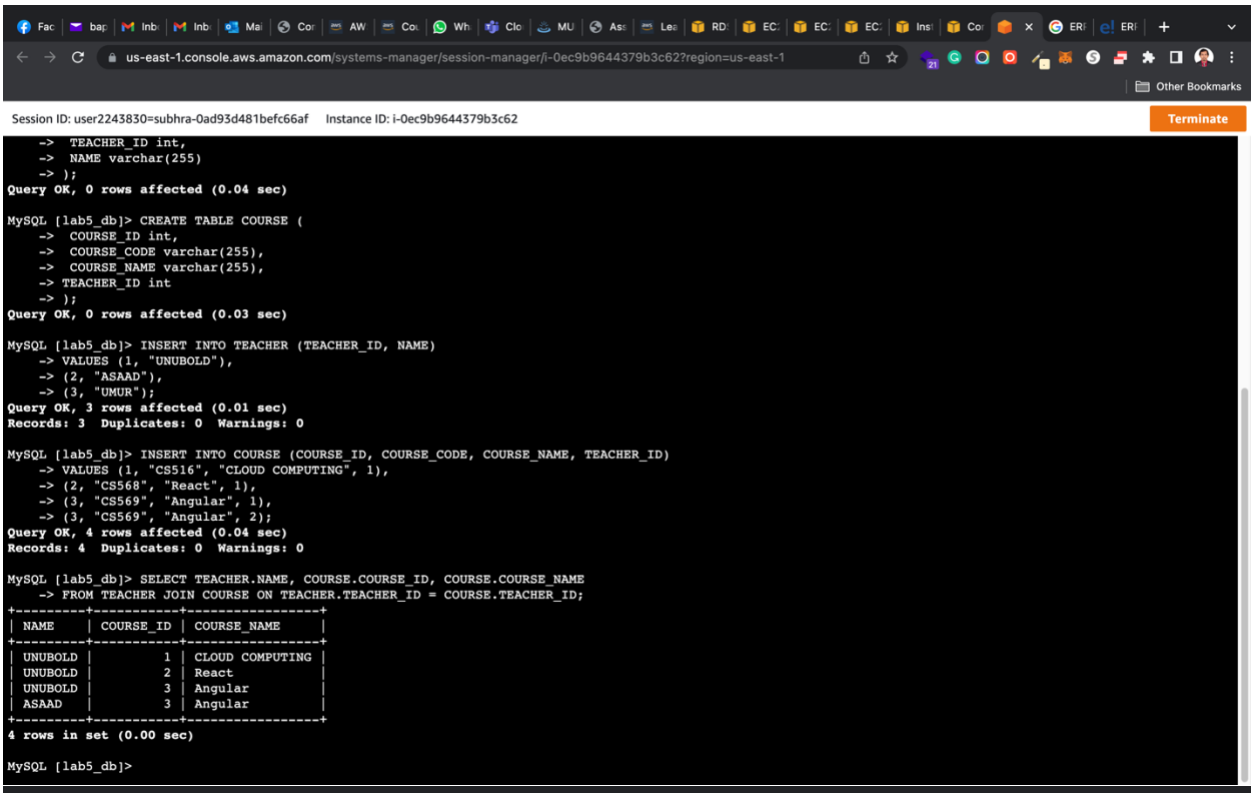
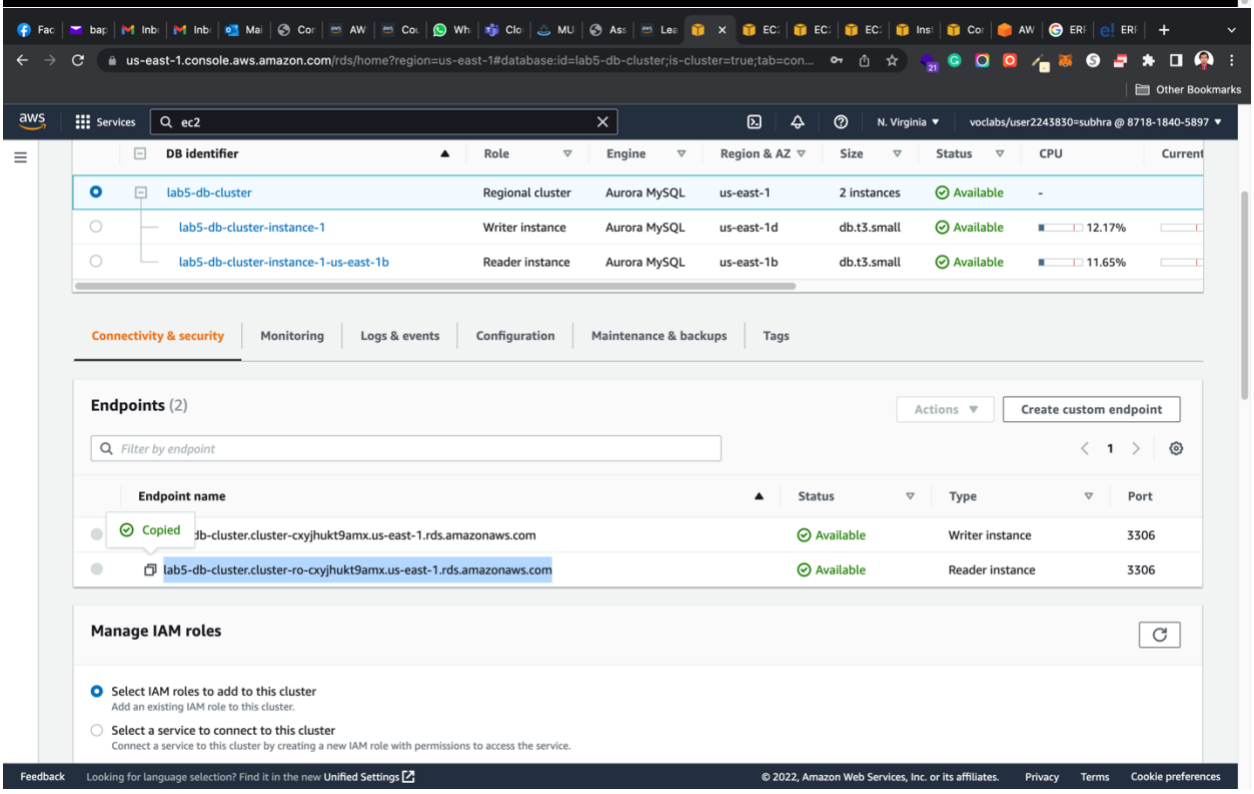

us-east-1.console.aws.amazon.com/systems-manager/session-manager/i-0ec9b9644379b3c62?region=us-east-1#
Other Bookmarks
Session ID: user2243830=subhra-
Instance ID: i-0ec9b9644379b3c62
Terminate
sh-4.2$ sudo -s
[root@ip-172-31-22-236 bin]# sudo yum install mysql -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
Package 1:mariadb-5.5.68-1.amzn2.x86_64 already installed and latest version
Nothing to do
[root@ip-172-31-22-236 bin]# mysql -h lab5-db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com -p 3306 -u root -p
Enter password:
ERROR 2005 (HY000): Unknown MySQL server host 'lab5-db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com' (2)
[root@ip-172-31-22-236 bin]# mysql -h lab5-db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com -p 3306 -u root -p
Enter password:
ERROR 2003 (HY000): Can't connect to MySQL server on 'lab5-db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com' (110)
[root@ip-172-31-22-236 bin]#


us-east-1.console.aws.amazon.com/systems-manager/session-manager/i-0ec9b9644379b3c62?region=us-east-1
Other Bookmarks
Session ID: user2243830=subhra-0ad93d481befc66af
Instance ID: i-0ec9b9644379b3c62
Terminate
sh-4.2$ mysql -h lab5-db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com -p lab5_db -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 25
Server version: 5.7.12 MySQL Community Server (GPL)
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [lab5_db]> show databases;
+--------------------+
| Database |
+--------------------+
| information_schema |
| lab5_db |
| mysql |
| performance_schema |
| sys |
+--------------------+
5 rows in set (0.00 sec)
MySQL [lab5_db]> create database university;
Query OK, 1 row affected (0.01 sec)
MySQL [lab5_db]> CREATE TABLE TEACHER (
-> TEACHER_ID int,
-> NAME varchar(255)
->);
Query OK, 0 rows affected (0.04 sec)
MySQL [lab5_db]> CREATE TABLE COURSE (
-> COURSE_ID int,
-> COURSE_CODE varchar(255),
-> COURSE_NAME varchar(255),
-> TEACHER_ID int
->);
Query OK, 0 rows affected (0.03 sec)
MySQL [lab5_db]>


us-east-1.console.aws.amazon.com/systems-manager/session-manager/i-0ec9b9644379b3c62?region=us-east-1
Other Bookmarks
Session ID: user2243830=subhra-0ad93d481befc66af Instance ID: i-0ec9b9644379b3c62
Terminate
-> TEACHER_ID int,
-> NAME varchar(255)
->);
Query OK, 0 rows affected (0.04 sec)
MySQL [lab5_db]> CREATE TABLE COURSE (
-> COURSE_ID int,
-> COURSE_CODE varchar(255),
-> COURSE_NAME varchar(255),
-> TEACHER_ID int
->);
Query OK, 0 rows affected (0.03 sec)
MySQL [lab5_db]> INSERT INTO TEACHER (TEACHER_ID, NAME)
-> VALUES (1, "UNUBOLD"),
-> (2, "ASAAD"),
-> (3, "UMUR");
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
MySQL [lab5_db]> INSERT INTO COURSE (COURSE_ID, COURSE_CODE, COURSE_NAME, TEACHER_ID)
-> VALUES (1, "CS516", "CLOUD COMPUTING", 1),
-> (2, "CS568", "React", 1),
-> (3, "CS569", "Angular", 1),
-> (3, "CS569", "Angular", 2);
Query OK, 4 rows affected (0.04 sec)
Records: 4 Duplicates: 0 Warnings: 0
MySQL [lab5_db]> SELECT TEACHER.NAME, COURSE.COURSE_ID, COURSE.COURSE_NAME
-> FROM TEACHER JOIN COURSE ON TEACHER.TEACHER_ID = COURSE.TEACHER_ID;
NAME	COURSE_ID	COURSE_NAME
UNUBOLD	1	CLOUD COMPUTING
UNUBOLD	2	React
UNUBOLD	3	Angular
ASAAD	3	Angular
4 rows in set (0.00 sec)
MySQL [lab5_db]>


us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database:id=lab5-db-cluster;is-cluster=true;tab=con...
Other Bookmarks
Services
ec2
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
DB identifier
Role
Engine
Region & AZ
Size
Status
CPU
lab5-db-cluster
Regional cluster
Aurora MySQL
us-east-1
2 instances
Available
lab5-db-cluster-instance-1
Writer instance
db.t3.small
12.17%
lab5-db-cluster-instance-1-us-east-1b
Reader instance
11.65%
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Endpoints (2)
Actions
Create custom endpoint
Filter by endpoint
Endpoint name
Status
Type
Port
Copied
db-cluster.cluster-cxyjhukt9amx.us-east-1.rds.amazonaws.com
Writer instance
3306
lab5-db-cluster.cluster-ro-cxyjhukt9amx.us-east-1.rds.amazonaws.com
Reader instance
3306
Manage IAM roles
Select IAM roles to add to this cluster
Add an existing IAM role to this cluster.
Select a service to connect to this cluster
Connect a service to this cluster by creating a new IAM role with permissions to access the service.
Feedback
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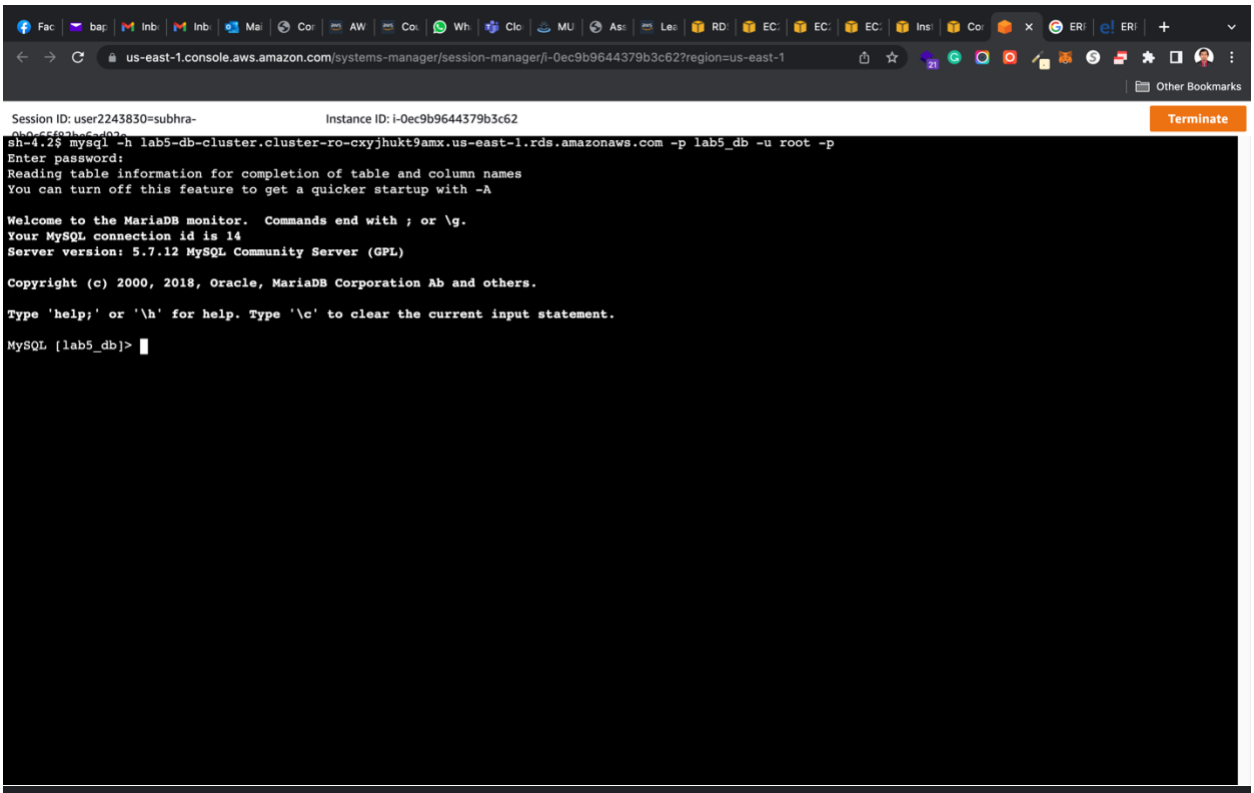
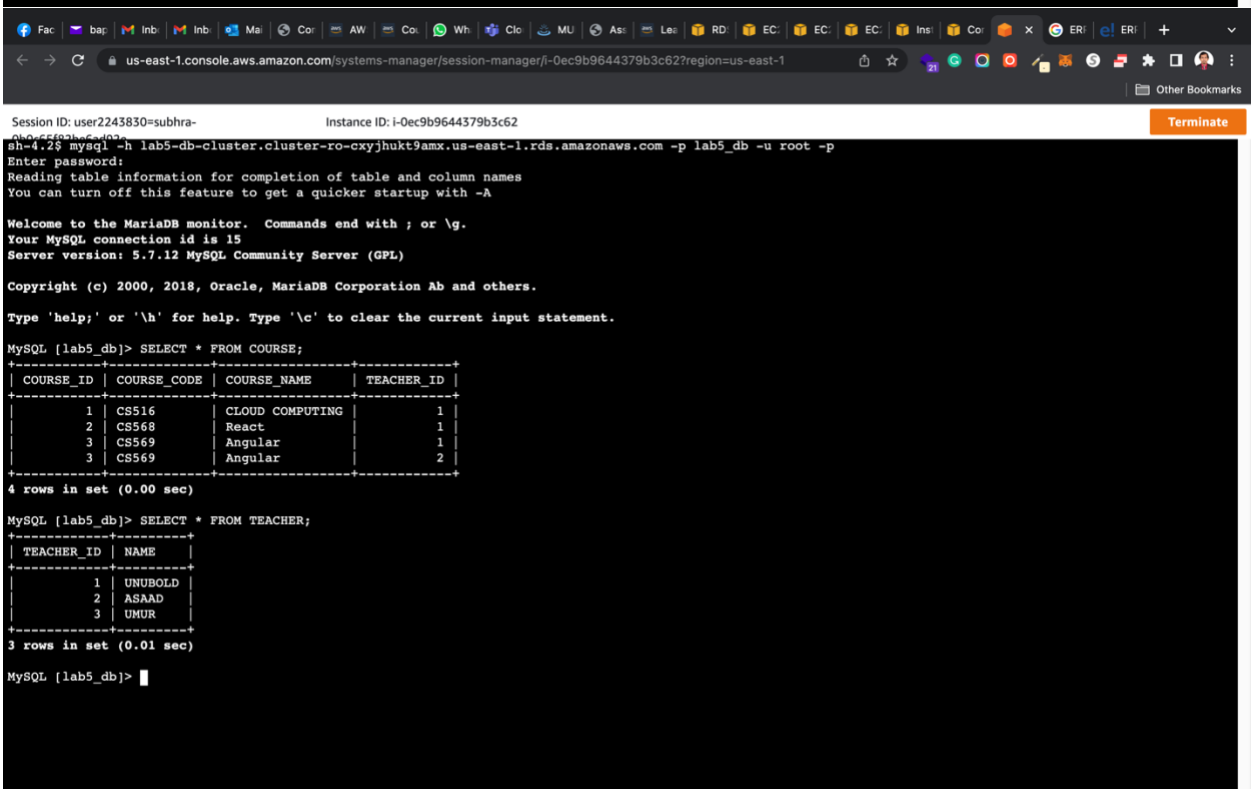
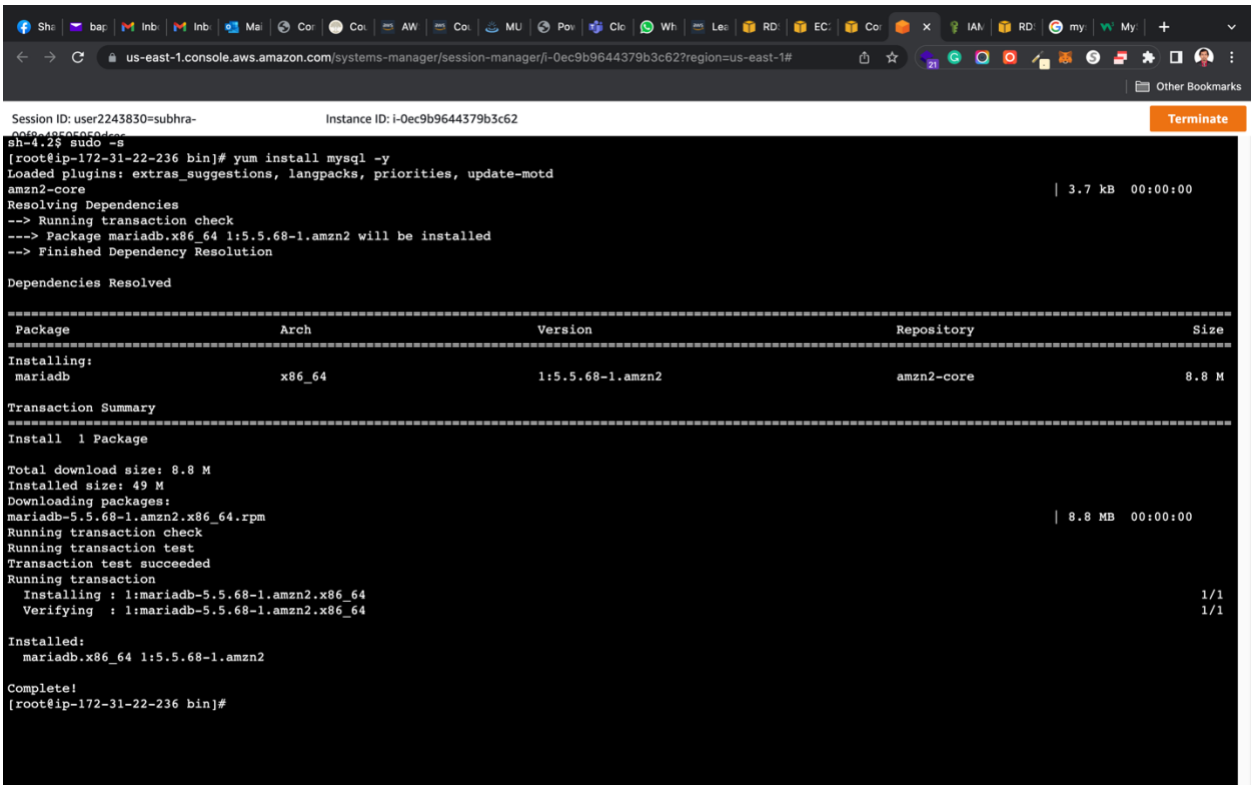
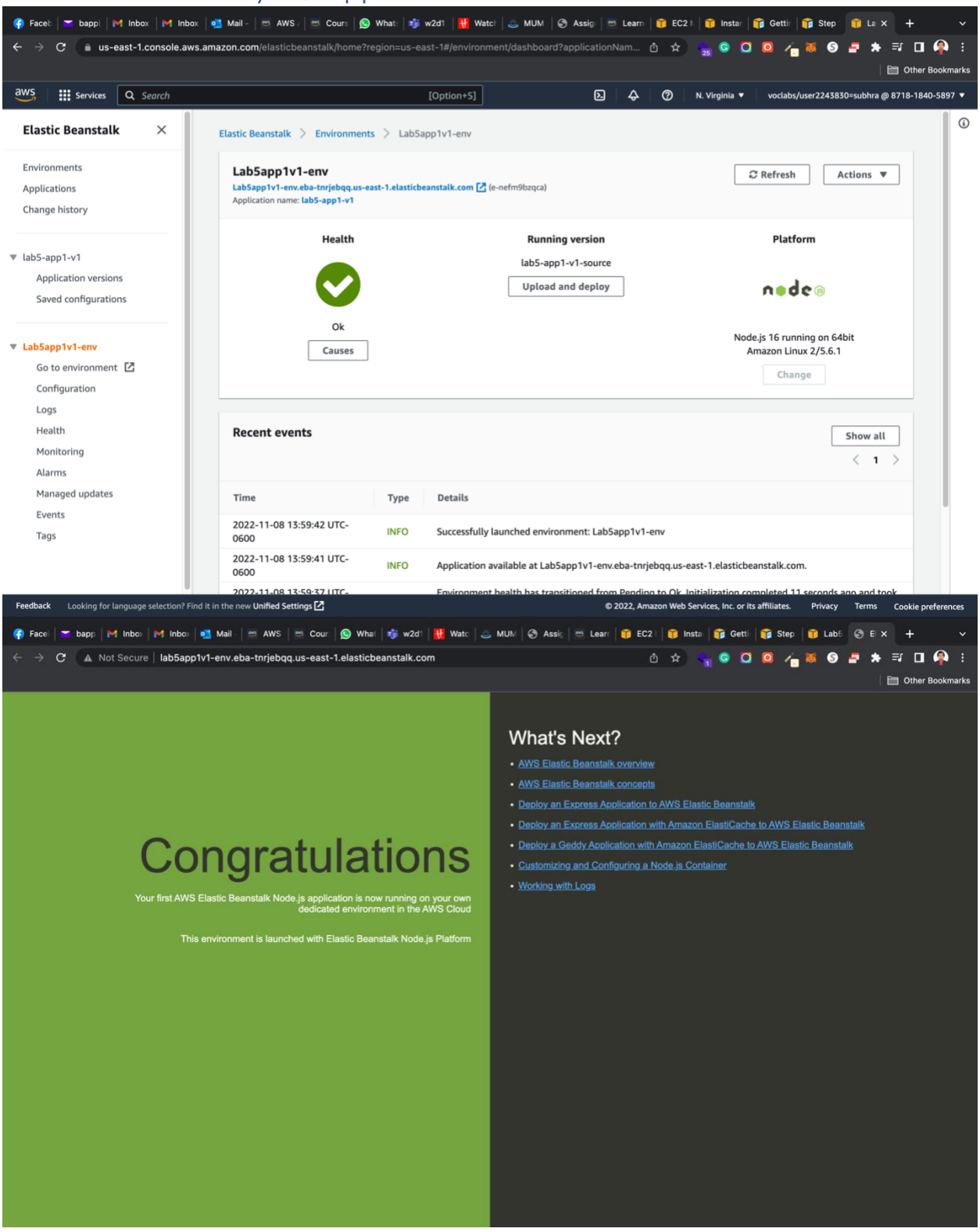

us-east-1.console.aws.amazon.com/systems-manager/session-manager/i-0ec9b9644379b3c62?region=us-east-1
Other Bookmarks
Session ID: user2243830=subhra-
Instance ID: i-0ec9b9644379b3c62
Terminate
sh-4.2$ mysql -h lab5-db-cluster.cluster-ro-cxyjhukt9amx.us-east-1.rds.amazonaws.com -p lab5_db -u root -p
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 5.7.12 MySQL Community Server (GPL)
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [lab5_db]>


us-east-1.console.aws.amazon.com/systems-manager/session-manager/i-0ec9b9644379b3c62?region=us-east-1
Other Bookmarks
Session ID: user2243830=subhra-
Instance ID: i-0ec9b9644379b3c62
Terminate
sh-4.2$ mysql -h lab5-db-cluster.cluster-ro-cxyjhukt9amx.us-east-1.rds.amazonaws.com -p lab5_db -u root -p
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 5.7.12 MySQL Community Server (GPL)
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [lab5_db]> SELECT * FROM COURSE;
+-----------+-------------+-----------------+------------+
| COURSE_ID | COURSE_CODE | COURSE_NAME | TEACHER_ID |
+-----------+-------------+-----------------+------------+
1	CS516	CLOUD COMPUTING	1
2	CS568	React	1
3	CS569	Angular	1
3	CS569	Angular	2
+-----------+-------------+-----------------+------------+
4 rows in set (0.00 sec)
MySQL [lab5_db]> SELECT * FROM TEACHER;
+------------+---------+
| TEACHER_ID | NAME |
+------------+---------+
1	UNUBOLD
2	ASAAD
3	UMUR
+------------+---------+
3 rows in set (0.01 sec)
MySQL [lab5_db]>


us-east-1.console.aws.amazon.com/systems-manager/session-manager/i-0ec9b9644379b3c62?region=us-east-1#
Other Bookmarks
Session ID: user2243830=subhra-
Instance ID: i-0ec9b9644379b3c62
Terminate
sh-4.2$ sudo -s
[root@ip-172-31-22-236 bin]# yum install mysql -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:00
Resolving Dependencies
--> Running transaction check
---> Package mariadb.x86_64 1:5.5.68-1.amzn2 will be installed
--> Finished Dependency Resolution
Dependencies Resolved
Package Arch Version Repository Size
Installing:
mariadb x86_64 1:5.5.68-1.amzn2 amzn2-core 8.8 M
Transaction Summary
Install 1 Package
Total download size: 8.8 M
Installed size: 49 M
Downloading packages:
mariadb-5.5.68-1.amzn2.x86_64.rpm | 8.8 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : 1:mariadb-5.5.68-1.amzn2.x86_64 1/1
Verifying : 1:mariadb-5.5.68-1.amzn2.x86_64 1/1
Installed:
mariadb.x86_64 1:5.5.68-1.amzn2
Complete!
[root@ip-172-31-22-236 bin]#

Run NodeJS and MySQL app on Elastic BeanStalk

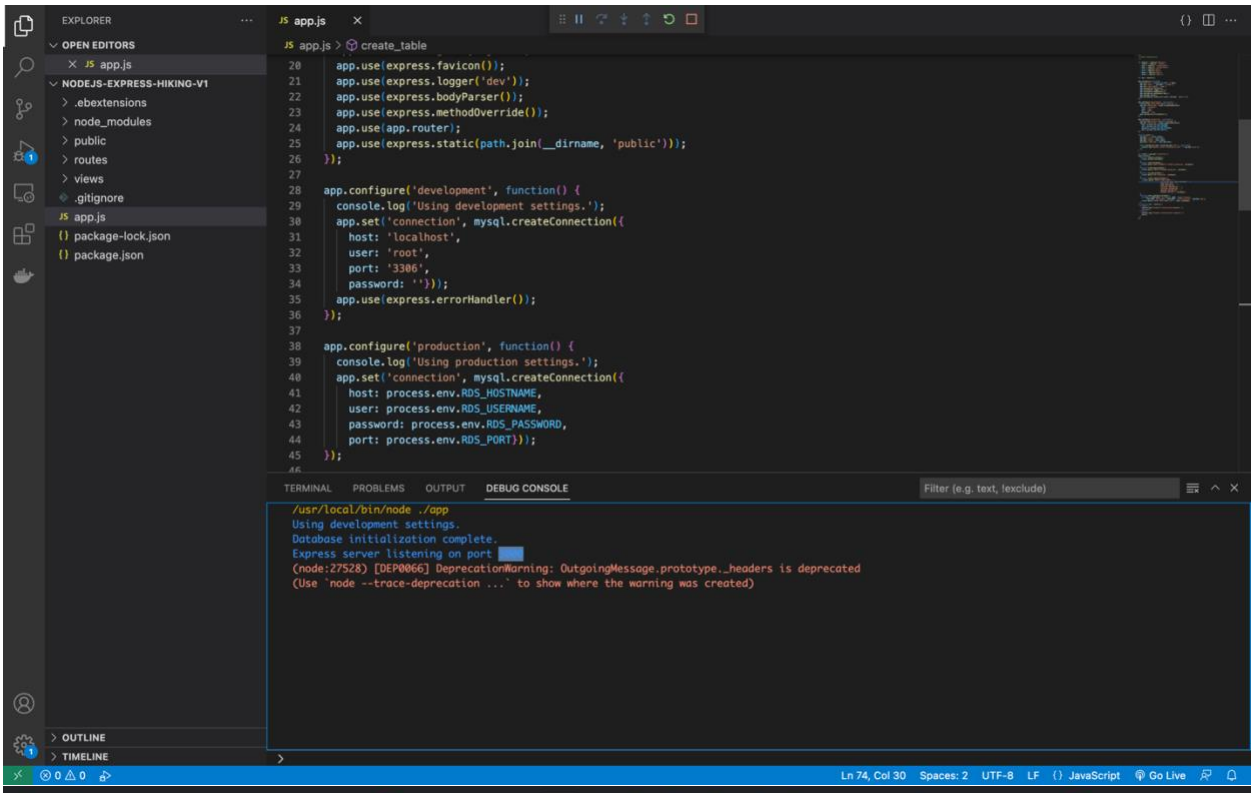


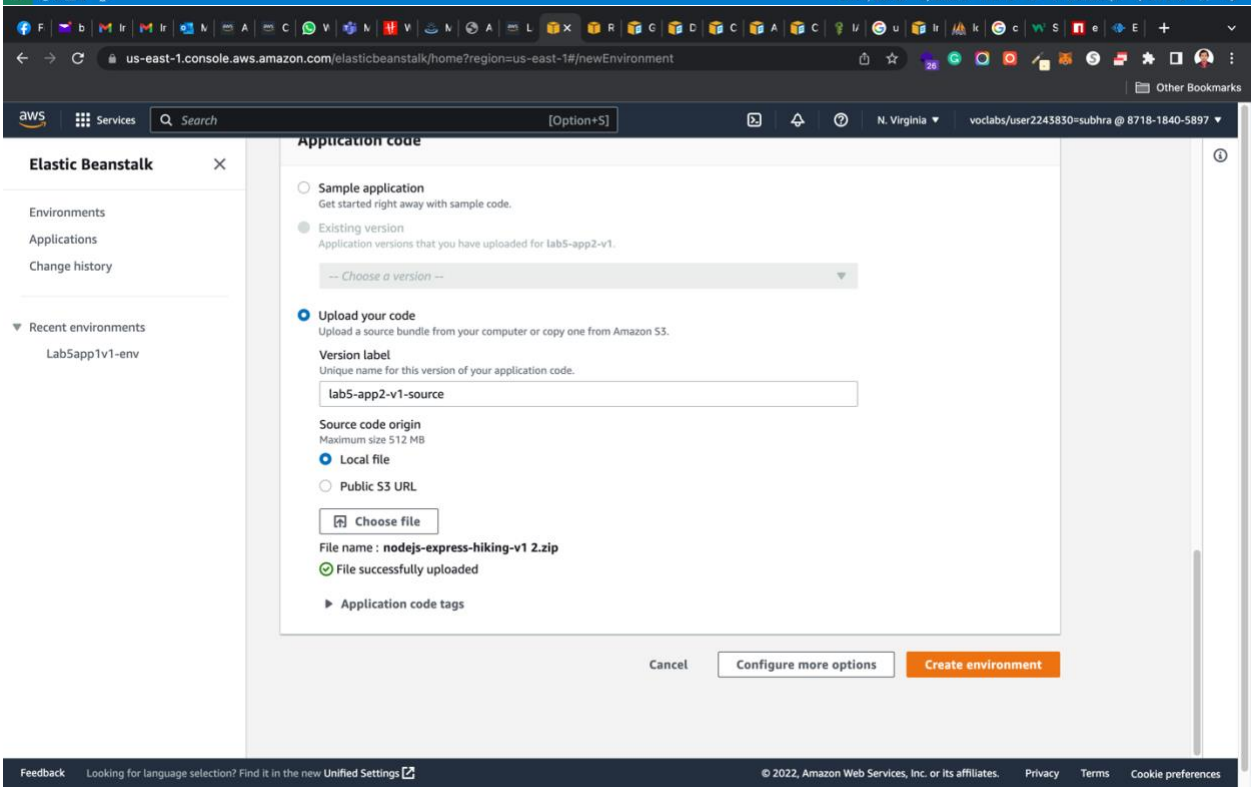
```
Last login: Mon Nov  7 20:52:26 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) SDs-MacBook-Pro:~ sdbappy$ pip install awsebcli --upgrade --user
Collecting awsebcli
  Downloading https://files.pythonhosted.org/packages/5b/38/f594de4db661cead3dbf433b07eba3f726d4b759f31fd364140b9b923761/awsebcli-3.20.3.tar.gz (259kB)
    100% |████████████████████████████████| 266kB 9.9MB/s
Collecting botocore<1.24.0,>1.23.41 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/a6/08/3cc6858a2d9fee8538f212944cff08df325828fbfe17801974c95f51f338/botocore-1.23.54-py3-none-any.whl (8
.5MB)
    100% |████████████████████████████████| 8.5MB 3.6MB/s
Collecting cement==2.8.2 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/70/60/608f0b8975f4ee7deaaaa7052210d095e0b96e7cd3becdeede9bd13674a1/cement-2.8.2.tar.gz (165kB)
    100% |████████████████████████████████| 174kB 18.0MB/s
Requirement already satisfied, skipping upgrade: colorama<0.4.4,>=0.2.5 in ./anaconda3/lib/python3.7/site-packages (from awsebcli) (0.4.1)
Collecting future<0.17.0,>=0.16.0 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/00/2b/8d082ddfed935f3608cc61140df6dcbf0edea1bc3ab52fb6c29ae3e81e85/future-0.16.0.tar.gz (824kB)
    100% |████████████████████████████████| 829kB 10.5MB/s
Collecting pathspec==0.9.0 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/42/ba/a9d64c7bcbc7e3e8e5f93a52721b377e994c22d16196e2b0f1236774353a/pathspec-0.9.0-py2.py3-none-any.whl
Requirement already satisfied, skipping upgrade: python-dateutil<3.0.0,>=2.1 in ./anaconda3/lib/python3.7/site-packages (from awsebcli) (2.8.0)
Requirement already satisfied, skipping upgrade: requests<=2.26,>=2.20.1 in ./anaconda3/lib/python3.7/site-packages (from awsebcli) (2.21.0)
Requirement already satisfied, skipping upgrade: setuptools>=20.0 in ./anaconda3/lib/python3.7/site-packages (from awsebcli) (40.8.0)
Collecting semantic_version==2.8.5 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/a5/15/00ef3b7888a10363b7c402350eda3acf395ff05bebae312d1296e528516a/semantic_version-2.8.5-py2.py3-none-
any.whl
Requirement already satisfied, skipping upgrade: six<1.15.0,>=1.11.0 in ./anaconda3/lib/python3.7/site-packages (from awsebcli) (1.12.0)
Collecting termcolor==1.1.0 (from awsebcli)
  Using cached https://files.pythonhosted.org/packages/8a/48/a76be51647d0eb9f10e2a4511bf3ffb8cc1e6b14e9e4fab46173aa79f981/termcolor-1.1.0.tar.gz
Requirement already satisfied, skipping upgrade: wcwidth<0.2.0,>=0.1.7 in ./anaconda3/lib/python3.7/site-packages (from awsebcli) (0.1.7)
Collecting PyYAML<5.5,>=5.3.1 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/6b/8c/674cc47282af12bd7f12eea6cc87d907ada593b15f5ba0b51638599500c9/PyYAML-5.4.1-cp37-cp37m-macosx_10_9_
x86_64.whl (249kB)
    100% |████████████████████████████████| 256kB 11.3MB/s
Collecting urllib3>=1.26.5 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/6f/de/5be2e3eed8426f871b170663333a0f627fc2924cc386cd41be065e7ea870/urllib3-1.26.12-py2.py3-none-any.whl
 (140kB)
    100% |████████████████████████████████| 143kB 15.8MB/s
Collecting docker-compose<1.26.0,>=1.25.2 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/ec/35/1dfbb8e6b2ce5d290622a49cae0a7f3cf09cdc4341380a600aee00530881/docker_compose-1.25.5-py2.py3-none-a
ny.whl (139kB)
    100% |████████████████████████████████| 143kB 12.2MB/s
Collecting blessed>=1.9.5 (from awsebcli)
  Downloading https://files.pythonhosted.org/packages/94/c5/651224a1bbcb0253fecb7af6f60fa0c9ebabcb1df01ceadb8f4dfd2528cb/blessed-1.19.1-py2.py3-none-any.whl
(58kB)
```

```
      Python: 3.7.3
      platform: Darwin-21.6.0-x86_64-i386-64bit
      pip: n/a
      setuptools: 65.5.1
      setuptools_rust: 1.5.2
      rustc: n/a
      ============================DEBUG ASSISTANCE==========================

  error: can't find Rust compiler

  If you are using an outdated pip version, it is possible a prebuilt wheel is available for this package but pip is not able to install from it. Installing
from the wheel would avoid the need for a Rust compiler.

  To update pip, run:

      pip install --upgrade pip

  and then retry package installation.

  If you did intend to build this package from source, try installing a Rust compiler from your system package manager and ensure it is on the PATH during in
stallation. Alternatively, rustup (available at https://rustup.rs) is the recommended way to download and update the Rust compiler toolchain.

  This package requires Rust >=1.56.0.

  ----------------------------------------
  Failed cleaning build dir for bcrypt
  Building wheel for pynacl (PEP 517) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/2f/01/7f/11d382bf954a093a55ed9581fd66c3b45b98769f292367b4d3
Successfully built pynacl
Failed to build bcrypt
Building wheels for collected packages: awsebcli, cement, future, termcolor, dockerpty, docopt
  Building wheel for awsebcli (setup.py) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/9c/e0/af/0e57d70439918cd67e9678a16924e0c80af737dd3505dac1ec
  Building wheel for cement (setup.py) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/35/9e/02/0af61a0ed625ea3decf29b8602fc0cbecc38943f19e076bb2e
  Building wheel for future (setup.py) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/bf/c9/a3/c538d90ef17cf7823fa51fc701a7a7a910a80f6a405bf15b1a
  Building wheel for termcolor (setup.py) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/7c/06/54/bc84598ba1daf8f970247f550b175aaaee85f68b4b0c5ab2c6
  Building wheel for dockerpty (setup.py) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/e5/1e/86/bd0a97a0907c6c654af654d5875d1d4383dd1f575f77cee4aa
  Building wheel for docopt (setup.py) ... done
  Stored in directory: /Users/sdbappy/Library/Caches/pip/wheels/9b/04/dd/7daf4150b6d9b12949298737de9431a324d4b797ffd63f526e
Successfully built awsebcli cement future termcolor dockerpty docopt
Could not build wheels for bcrypt which use PEP 517 and cannot be installed directly
(base) SDs-MacBook-Pro:~ sdbappy$
```

```
==> Pouring ca-certificates--2022-10-11.all.bottle.tar.gz
==> Regenerating CA certificate bundle from keychain, this may take a while...
🍺  /usr/local/Cellar/ca-certificates/2022-10-11: 3 files, 225.5KB
==> Installing aws-elasticbeanstalk dependency: openssl@1.1
==> Pouring openssl@1.1--1.1.1s.monterey.bottle.tar.gz
🍺  /usr/local/Cellar/openssl@1.1/1.1.1s: 8,101 files, 18.5MB
==> Installing aws-elasticbeanstalk dependency: readline
==> Pouring readline--8.2.1.monterey.bottle.tar.gz
🍺  /usr/local/Cellar/readline/8.2.1: 50 files, 1.7MB
==> Installing aws-elasticbeanstalk dependency: sqlite
==> Pouring sqlite--3.39.4.monterey.bottle.tar.gz
🍺  /usr/local/Cellar/sqlite/3.39.4: 11 files, 4.4MB
==> Installing aws-elasticbeanstalk dependency: xz
==> Pouring xz--5.2.7.monterey.bottle.tar.gz
🍺  /usr/local/Cellar/xz/5.2.7: 95 files, 1.4MB
==> Installing aws-elasticbeanstalk dependency: python@3.11
==> Pouring python@3.11--3.11.0.monterey.bottle.tar.gz
==> /usr/local/Cellar/python@3.11/3.11.0/bin/python3.11 -m ensurepip
==> /usr/local/Cellar/python@3.11/3.11.0/bin/python3.11 -m pip install -v --no-deps --no-index --upgrade --isolated --target=/usr/local/lib/python3.11/site-p
ackages /usr/local/Cellar/python@3.11/3.11.0/Frameworks/Python.framework/Versi
🍺  /usr/local/Cellar/python@3.11/3.11.0: 3,163 files, 61.3MB
==> Installing aws-elasticbeanstalk
==> Pouring aws-elasticbeanstalk--3.20.3_1.monterey.bottle.1.tar.gz
🍺  /usr/local/Cellar/aws-elasticbeanstalk/3.20.3_1: 3,014 files, 84.3MB
==> Running `brew cleanup aws-elasticbeanstalk`...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
==> `brew cleanup` has not been run in the last 30 days, running now...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
Removing: /usr/local/Cellar/openssl@1.1/1.1.1g... (8,059 files, 18MB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/putty--0.74.big_sur.bottle.tar.gz... (939.1KB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/telnet--63.big_sur.bottle.tar.gz... (53.0KB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/descriptions.json... (307.7KB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/portable-ruby-2.6.3_2.yosemite.bottle.tar.gz... (9.1MB)
Removing: /Users/sdbappy/Library/Logs/Homebrew/putty... (64B)
Removing: /Users/sdbappy/Library/Logs/Homebrew/telnet... (64B)
Pruned 5 symbolic links and 2 directories from /usr/local
(base) SDs-MacBook-Pro:~ sdbappy$ eb --version
/usr/local/Cellar/aws-elasticbeanstalk/3.20.3_1/libexec/lib/python3.11/site-packages/ebcli/display/screen.py:442: SyntaxWarning: assertion is always true, pe
rhaps remove parentheses?
  assert(
/usr/local/Cellar/aws-elasticbeanstalk/3.20.3_1/libexec/lib/python3.11/site-packages/ebcli/controllers/create.py:221: SyntaxWarning: "is" with a literal. Did
 you mean "=="?
  if instance_types is "":
EB CLI 3.20.3 (Python 3.11.)
(base) SDs-MacBook-Pro:~ sdbappy$
```

```
Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
Removing: /usr/local/Cellar/openssl@1.1/1.1.1g... (8,059 files, 18MB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/putty--0.74.big_sur.bottle.tar.gz... (939.1KB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/telnet--63.big_sur.bottle.tar.gz... (53.0KB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/descriptions.json... (307.7KB)
Removing: /Users/sdbappy/Library/Caches/Homebrew/portable-ruby-2.6.3_2.yosemite.bottle.tar.gz... (9.1MB)
Removing: /Users/sdbappy/Library/Logs/Homebrew/putty... (64B)
Removing: /Users/sdbappy/Library/Logs/Homebrew/telnet... (64B)
Pruned 5 symbolic links and 2 directories from /usr/local
(base) SDs-MacBook-Pro:~ sdbappy$ eb --version
/usr/local/Cellar/aws-elasticbeanstalk/3.20.3_1/libexec/lib/python3.11/site-packages/ebcli/display/screen.py:442: SyntaxWarning: assertion is always true, pe
rhaps remove parentheses?
  assert(
/usr/local/Cellar/aws-elasticbeanstalk/3.20.3_1/libexec/lib/python3.11/site-packages/ebcli/controllers/create.py:221: SyntaxWarning: "is" with a literal. Did
 you mean "=="?
  if instance_types is "":
EB CLI 3.20.3 (Python 3.11.)
(base) SDs-MacBook-Pro:~ sdbappy$ eb init

Select a default region
1) us-east-1 : US East (N. Virginia)
2) us-west-1 : US West (N. California)
3) us-west-2 : US West (Oregon)
4) eu-west-1 : EU (Ireland)
5) eu-central-1 : EU (Frankfurt)
6) ap-south-1 : Asia Pacific (Mumbai)
7) ap-southeast-1 : Asia Pacific (Singapore)
8) ap-southeast-2 : Asia Pacific (Sydney)
9) ap-northeast-1 : Asia Pacific (Tokyo)
10) ap-northeast-2 : Asia Pacific (Seoul)
11) sa-east-1 : South America (Sao Paulo)
12) cn-north-1 : China (Beijing)
13) cn-northwest-1 : China (Ningxia)
14) us-east-2 : US East (Ohio)
15) ca-central-1 : Canada (Central)
16) eu-west-2 : EU (London)
17) eu-west-3 : EU (Paris)
18) eu-north-1 : EU (Stockholm)
19) eu-south-1 : EU (Milano)
20) ap-east-1 : Asia Pacific (Hong Kong)
21) me-south-1 : Middle East (Bahrain)
22) af-south-1 : Africa (Cape Town)
(default is 3): 1


Enter Application Name
(default is "sdbappy"):
```


EXPLORER
OPEN EDITORS
app.js
NODEJS-EXPRESS-HIKING-V1
.ebextensions
node_modules
public
routes
views
.gitignore
app.js
package-lock.json
package.json
app.use(express.favicon());
app.use(express.logger('dev'));
app.use(express.bodyParser());
app.use(express.methodOverride());
app.use(app.router);
app.use(express.static(path.join(__dirname, 'public')));
});
app.configure('development', function() {
console.log('Using development settings.');
app.set('connection', mysql.createConnection({
host: 'localhost',
user: 'root',
port: '3306',
password: ''}));
app.use(express.errorHandler());
});
app.configure('production', function() {
console.log('Using production settings.');
app.set('connection', mysql.createConnection({
host: process.env.RDS_HOSTNAME,
user: process.env.RDS_USERNAME,
password: process.env.RDS_PASSWORD,
port: process.env.RDS_PORT}));
});
TERMINAL
PROBLEMS
OUTPUT
DEBUG CONSOLE
/usr/local/bin/node ./app
Using development settings.
Database initialization complete.
Express server listening on port
(node:27528) [DEP0066] DeprecationWarning: OutgoingMessage.prototype._headers is deprecated
(Use `node --trace-deprecation ...` to show where the warning was created)
OUTLINE
TIMELINE
Ln 74, Col 30
Spaces: 2
UTF-8
LF
JavaScript
Go Live


us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/newEnvironment
Other Bookmarks
aws
Services
Search
[Option+S]
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
Elastic Beanstalk
Environments
Applications
Change history
Recent environments
Lab5app1v1-env
Application code
Sample application
Get started right away with sample code.
Existing version
Application versions that you have uploaded for lab5-app2-v1.
-- Choose a version --
Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.
Version label
Unique name for this version of your application code.
lab5-app2-v1-source
Source code origin
Maximum size 512 MB
Local file
Public S3 URL
Choose file
File name : nodejs-express-hiking-v1 2.zip
File successfully uploaded
Application code tags
Cancel
Configure more options
Create environment
Feedback
Looking for language selection? Find it in the new Unified Settings
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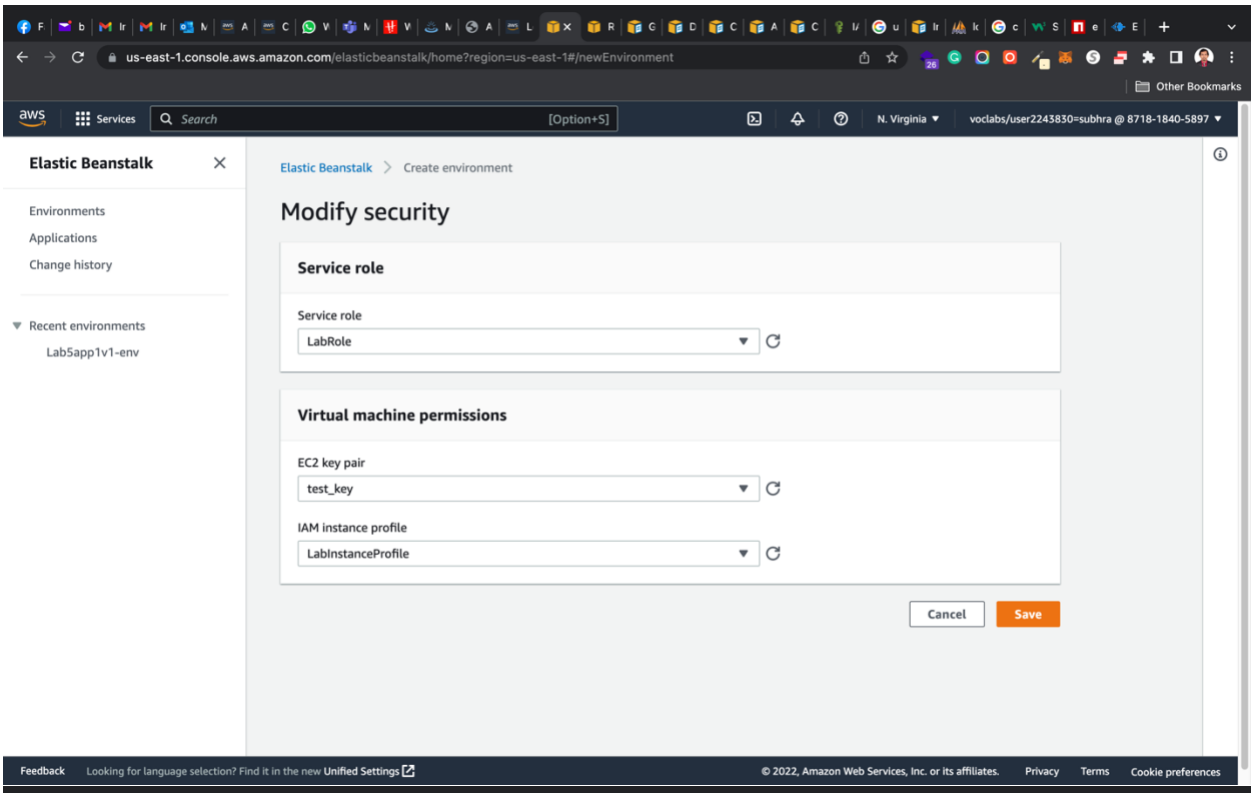
Cookie preferences


us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/newEnvironment
Other Bookmarks
Services
Search
[Option+S]
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
Elastic Beanstalk
Environments
Applications
Change history
Recent environments
Lab5app1v1-env
Elastic Beanstalk > Create environment
Modify security
Service role
Service role
LabRole
Virtual machine permissions
EC2 key pair
test_key
IAM instance profile
LabInstanceProfile
Cancel
Save
Feedback
Looking for language selection? Find it in the new Unified Settings
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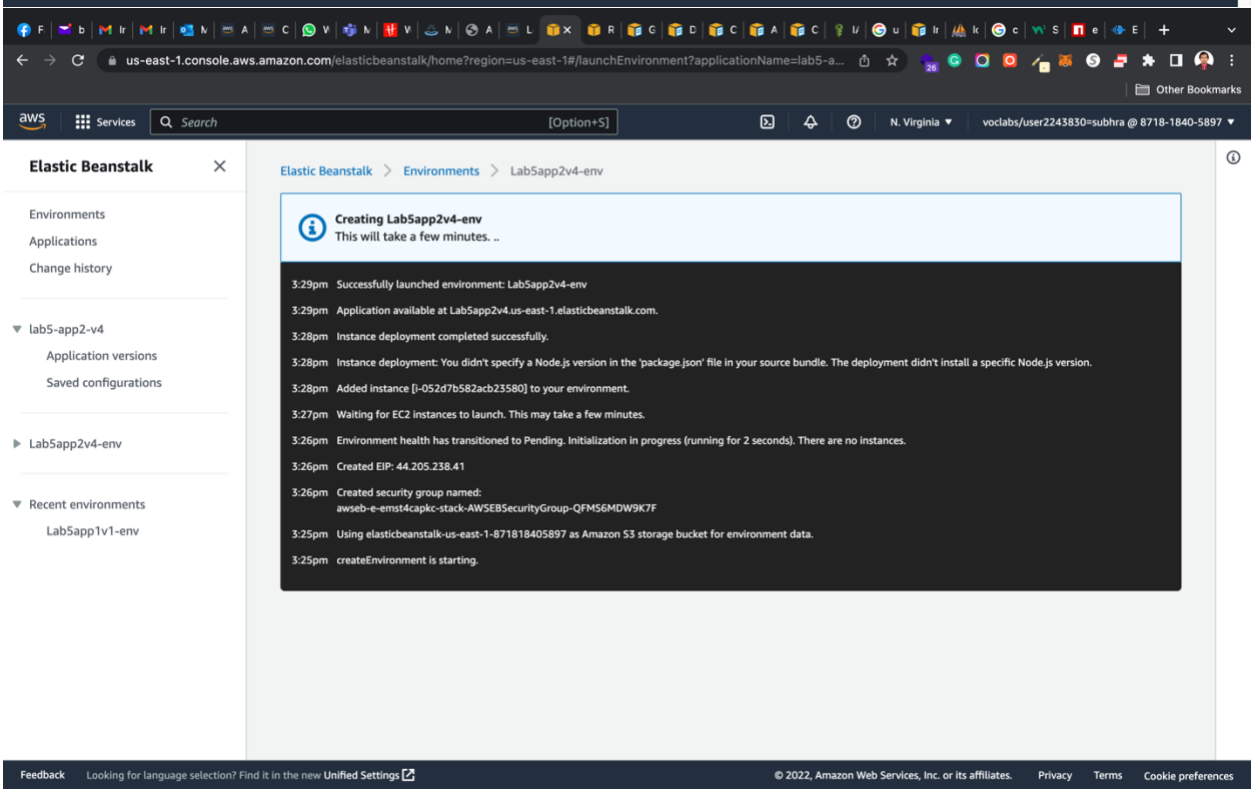
us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/launchEnvironment?applicationName=lab5-a...
Other Bookmarks
Services
Search
[Option+S]
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
Elastic Beanstalk
Environments
Applications
Change history
lab5-app2-v4
Application versions
Saved configurations
Lab5app2v4-env
Recent environments
Lab5app1v1-env
Elastic Beanstalk > Environments > Lab5app2v4-env
Creating Lab5app2v4-env
This will take a few minutes. ..
3:29pm Successfully launched environment: Lab5app2v4-env
3:29pm Application available at Lab5app2v4.us-east-1.elasticbeanstalk.com.
3:28pm Instance deployment completed successfully.
3:28pm Instance deployment: You didn't specify a Node.js version in the 'package.json' file in your source bundle. The deployment didn't install a specific Node.js version.
3:28pm Added instance [i-052d7b582acb23580] to your environment.
3:27pm Waiting for EC2 instances to launch. This may take a few minutes.
3:26pm Environment health has transitioned to Pending. Initialization in progress (running for 2 seconds). There are no instances.
3:26pm Created EIP: 44.205.238.41
3:26pm Created security group named:
awseb-e-emst4capkc-stack-AWSEBSecurityGroup-QFMS6MDW9K7F
3:25pm Using elasticbeanstalk-us-east-1-871818405897 as Amazon S3 storage bucket for environment data.
3:25pm createEnvironment is starting.
Feedback
Looking for language selection? Find it in the new Unified Settings
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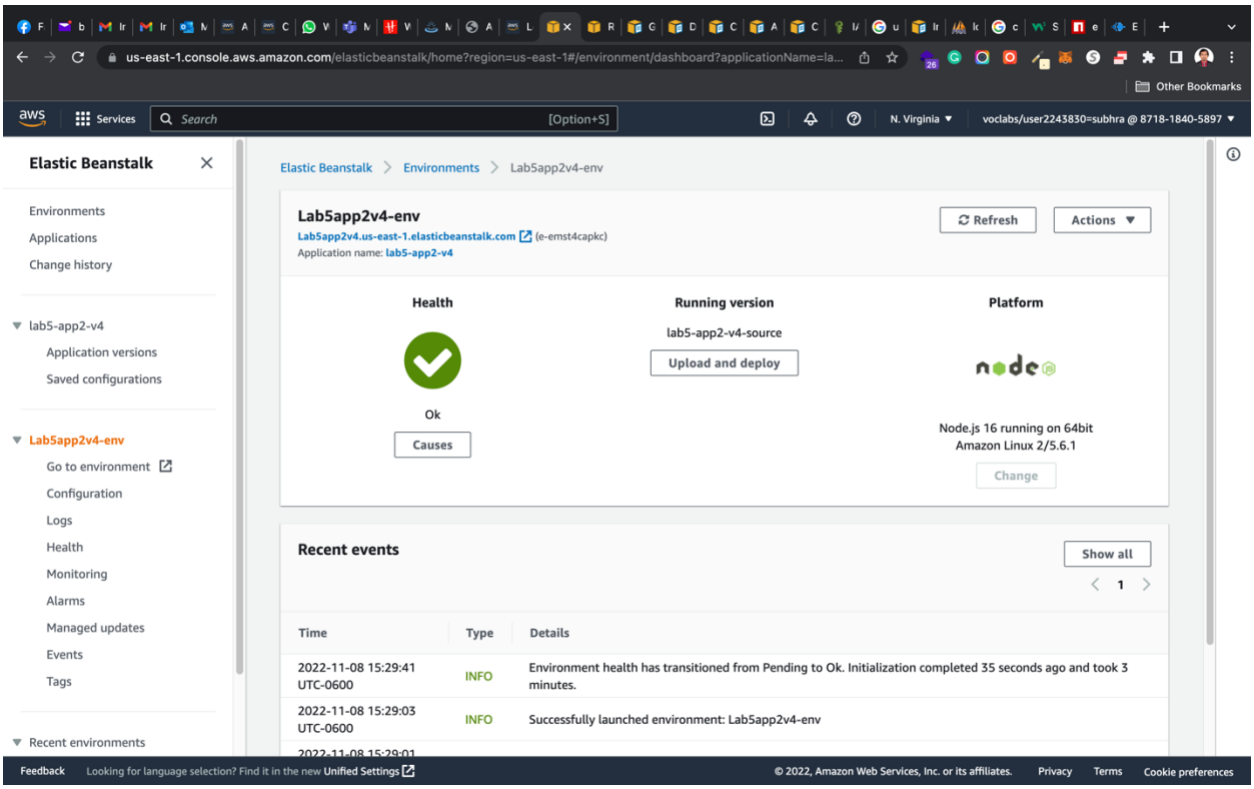
us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/environment/dashboard?applicationName=la...
Other Bookmarks
aws
Services
Search
[Option+S]
N. Virginia
voclabs/user2243830=subhra @ 8718-1840-5897
Elastic Beanstalk
Environments
Applications
Change history
lab5-app2-v4
Application versions
Saved configurations
Lab5app2v4-env
Go to environment
Configuration
Logs
Health
Monitoring
Alarms
Managed updates
Events
Tags
Recent environments
Elastic Beanstalk > Environments > Lab5app2v4-env
Lab5app2v4-env
Lab5app2v4.us-east-1.elasticbeanstalk.com (e-emst4capkc)
Application name: lab5-app2-v4
Refresh
Actions
Health
Ok
Causes
Running version
lab5-app2-v4-source
Upload and deploy
Platform
Node.js 16 running on 64bit
Amazon Linux 2/5.6.1
Change
Recent events
Show all
1
Time
Type
Details
2022-11-08 15:29:41 UTC-0600
INFO
Environment health has transitioned from Pending to Ok. Initialization completed 35 seconds ago and took 3 minutes.
2022-11-08 15:29:03 UTC-0600
INFO
Successfully launched environment: Lab5app2v4-env
Feedback
Looking for language selection? Find it in the new Unified Settings
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