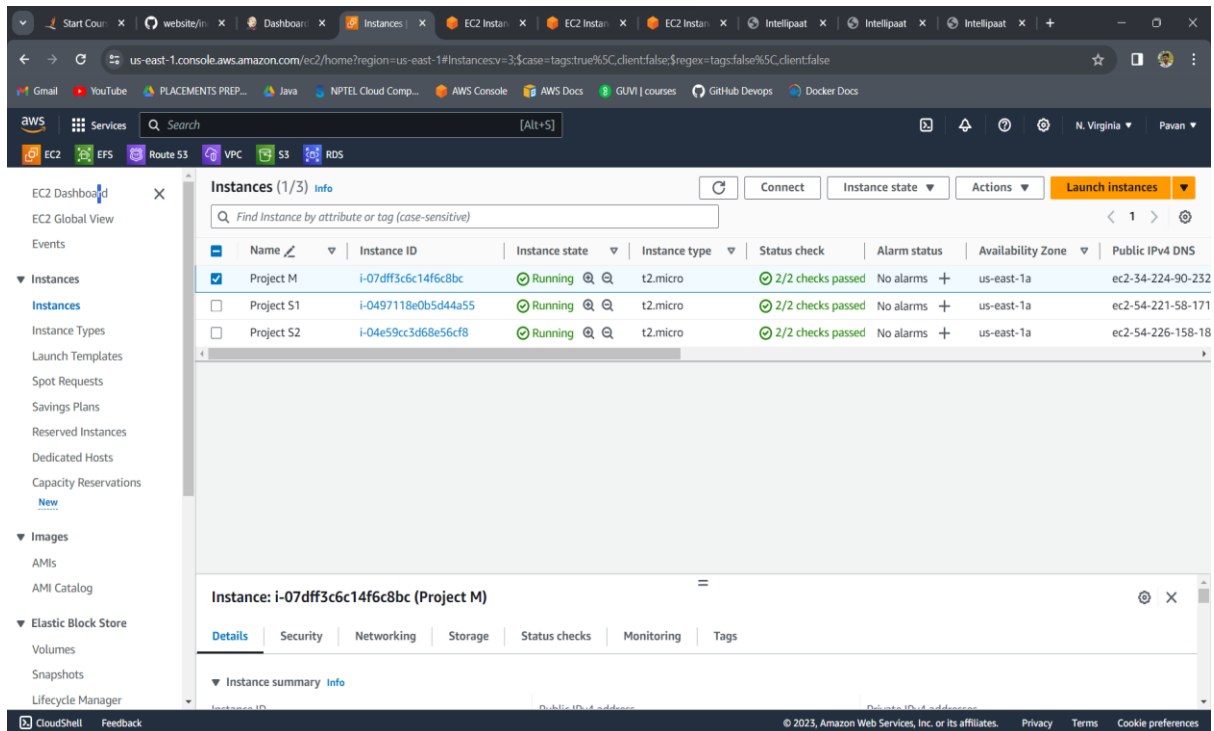


Capstone Project 1



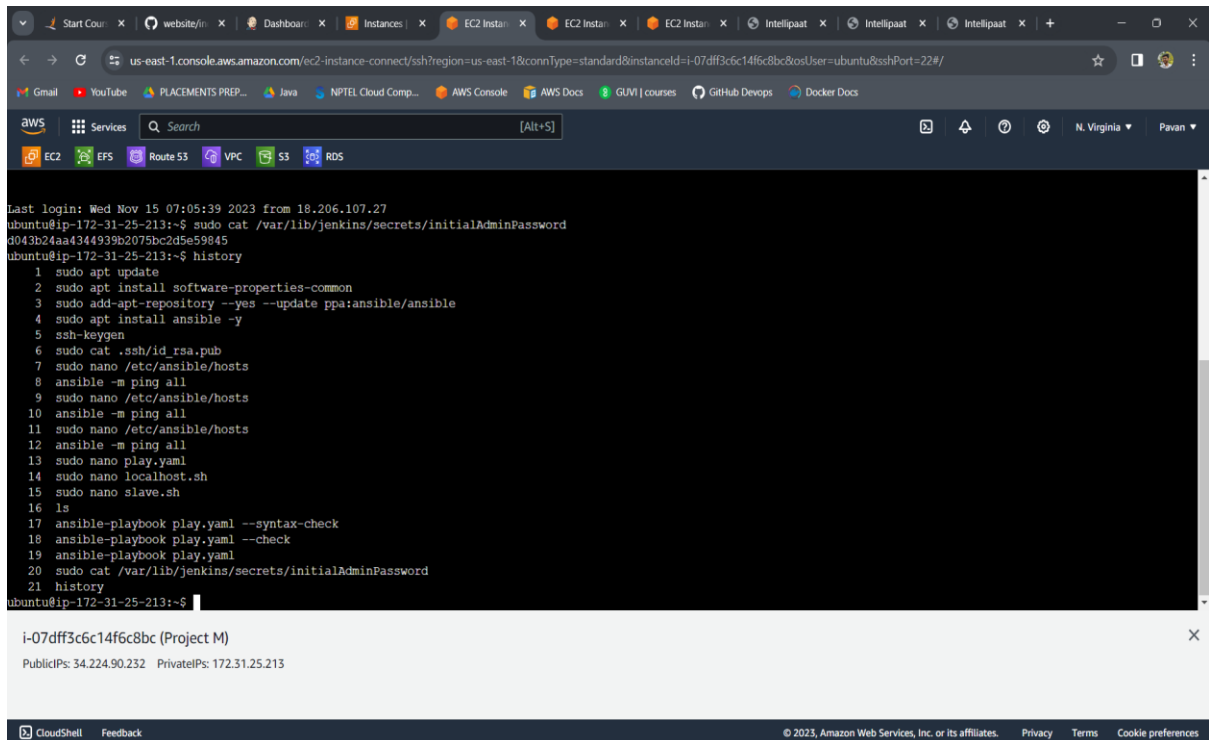
The screenshot shows the AWS Management Console interface. The left sidebar contains navigation links for various AWS services. The main content area displays the 'Instances (1/3)' page. A table lists the instances, and the details for the selected 'Project M' instance are shown below the table.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
Project M	i-07dff3c6c14f6c8bc	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-34-224-90-232
Project S1	i-0497118e0b5d44a55	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-54-221-58-171
Project S2	i-04e59cc3d68e56cf8	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-54-226-158-18

Instance: i-07dff3c6c14f6c8bc (Project M)

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

▼ Instance summary Info



The screenshot shows the AWS CloudShell terminal window. The terminal output displays the results of various commands executed to set up an Ansible environment on an EC2 instance.

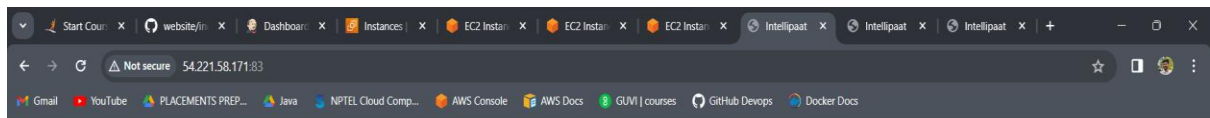
```
Last login: Wed Nov 15 07:05:39 2023 from 18.206.107.27
ubuntu@ip-172-31-25-213:~$ sudo cat /var/lib/jenkins/secrets/initialAdminPassword
3043b24aa4344939b2075bc2d5e59845
ubuntu@ip-172-31-25-213:~$ history
1 sudo apt update
2 sudo apt install software-properties-common
3 sudo add-apt-repository --yes --update ppa:ansible/ansible
4 sudo apt install ansible -y
5 ssh-keygen
6 sudo cat .ssh/id_rsa.pub
7 sudo nano /etc/ansible/hosts
8 ansible -m ping all
9 sudo nano /etc/ansible/hosts
10 ansible -m ping all
11 sudo nano /etc/ansible/hosts
12 ansible -m ping all
13 sudo nano play.yaml
14 sudo nano localhost.sh
15 sudo nano slave.sh
16 ls
17 ansible-playbook play.yaml --syntax-check
18 ansible-playbook play.yaml --check
19 ansible-playbook play.yaml
20 sudo cat /var/lib/jenkins/secrets/initialAdminPassword
21 history
ubuntu@ip-172-31-25-213:~$
```

i-07dff3c6c14f6c8bc (Project M)

PublicIPs: 34.224.90.232 PrivateIPs: 172.31.25.213

```
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0497118e0b5d44a55&osUser=ubuntu&sshPort=22#/  
AWS  
EC2 EFS Route 53 VPC S3 RDS  
* Support: https://ubuntu.com/advantage  
System information as of Wed Nov 15 08:30:28 UTC 2023  
System load: 0.78271484375 Processes: 107  
Usage of /: 32.3% of 7.57GB Users logged in: 0  
Memory usage: 25% IPv4 address for docker0: 172.17.0.1  
Swap usage: 0% IPv4 address for eth0: 172.31.18.72  
Expanded Security Maintenance for Applications is not enabled.  
54 updates can be applied immediately.  
34 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
Last login: Wed Nov 15 07:24:01 2023 from 172.31.25.213  
ubuntu@ip-172-31-18-72:~$ history  
1 sudo apt update  
2 sudo nano .ssh/authorized_keys  
3 docker --version  
4 java --version  
5 history  
ubuntu@ip-172-31-18-72:~$  
i-0497118e0b5d44a55 (Project S1)  
PublicIPs: 54.221.58.171 PrivateIPs: 172.31.18.72  
CloudShell Feedback  
© 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences
```

```
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-04e59cc3d68e56cf8&osUser=ubuntu&sshPort=22#/  
AWS  
EC2 EFS Route 53 VPC S3 RDS  
System information as of Wed Nov 15 07:23:59 UTC 2023  
System load: 0.00537109375 Processes: 102  
Usage of /: 23.2% of 7.57GB Users logged in: 1  
Memory usage: 22% IPv4 address for eth0: 172.31.20.205  
Swap usage: 0%  
* Ubuntu Pro delivers the most comprehensive open source security and compliance features.  
https://ubuntu.com/aws/pro  
Expanded Security Maintenance for Applications is not enabled.  
54 updates can be applied immediately.  
34 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
Last login: Wed Nov 15 07:24:01 2023 from 172.31.25.213  
ubuntu@ip-172-31-20-205:~$ history  
1 sudo apt update  
2 sudo nano .ssh/authorized_keys  
3 history  
ubuntu@ip-172-31-20-205:~$  
i-04e59cc3d68e56cf8 (Project S2)  
PublicIPs: 54.226.158.18 PrivateIPs: 172.31.20.205  
CloudShell Feedback  
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```

Hello world!!!!!!!!!!!!!!!!!!!!



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