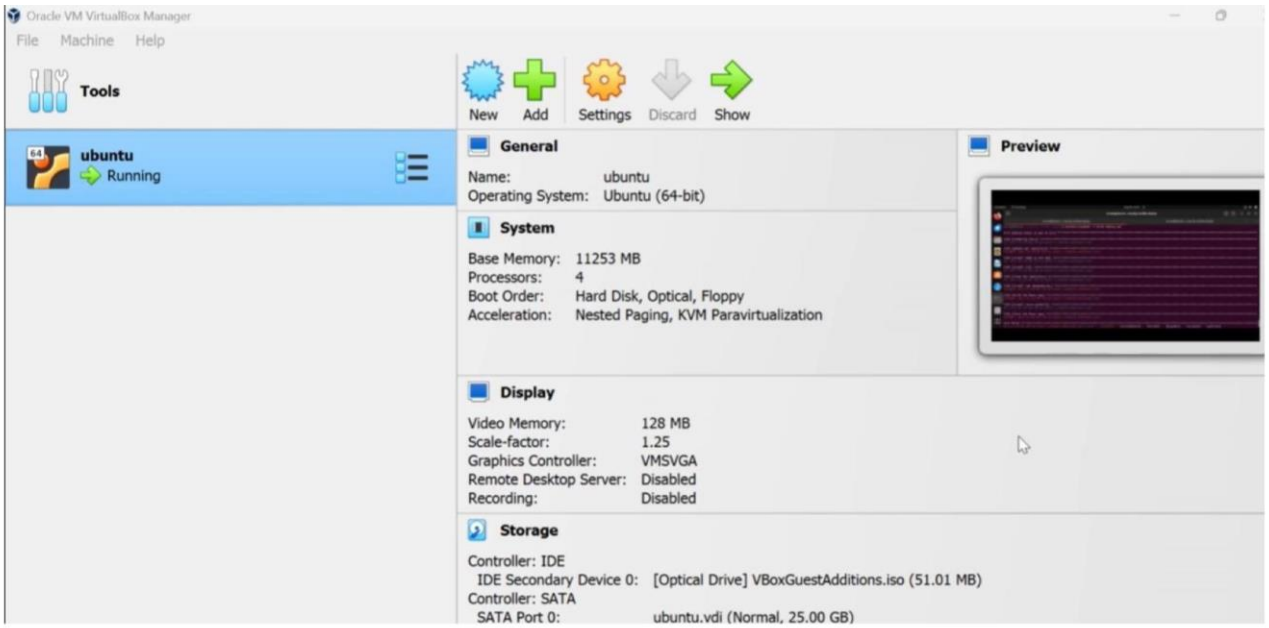
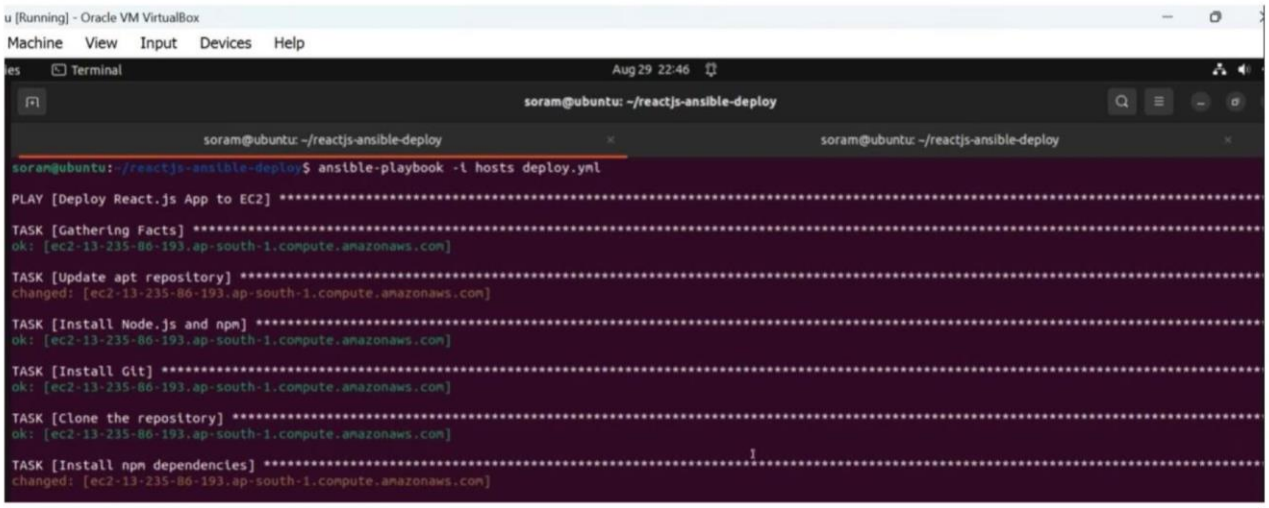
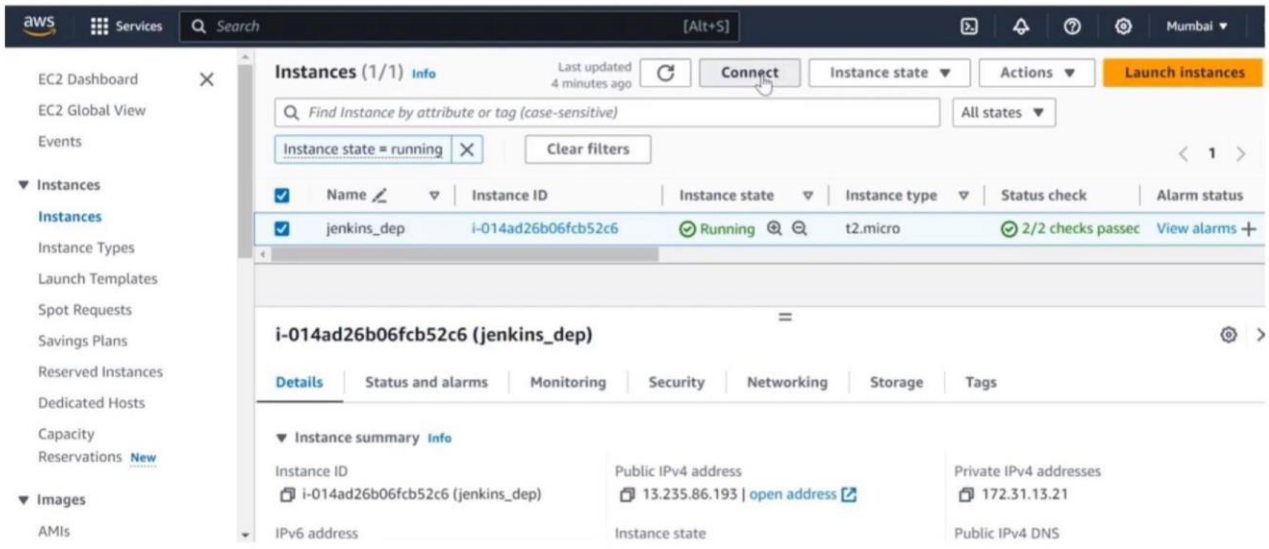
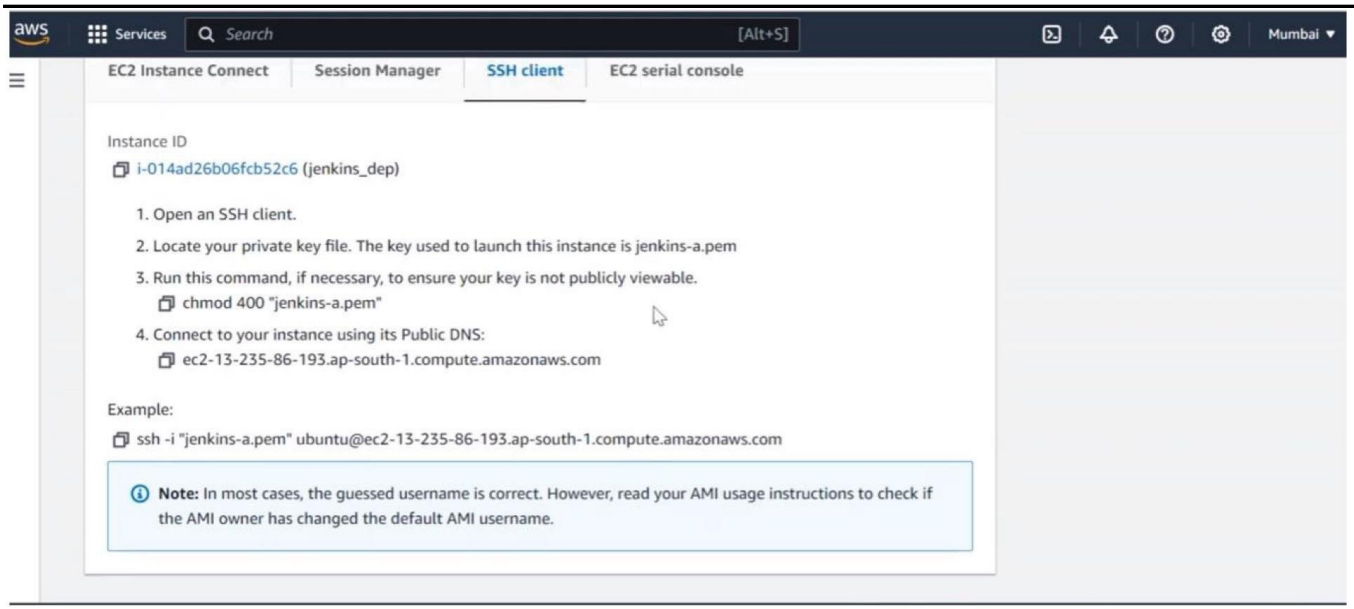
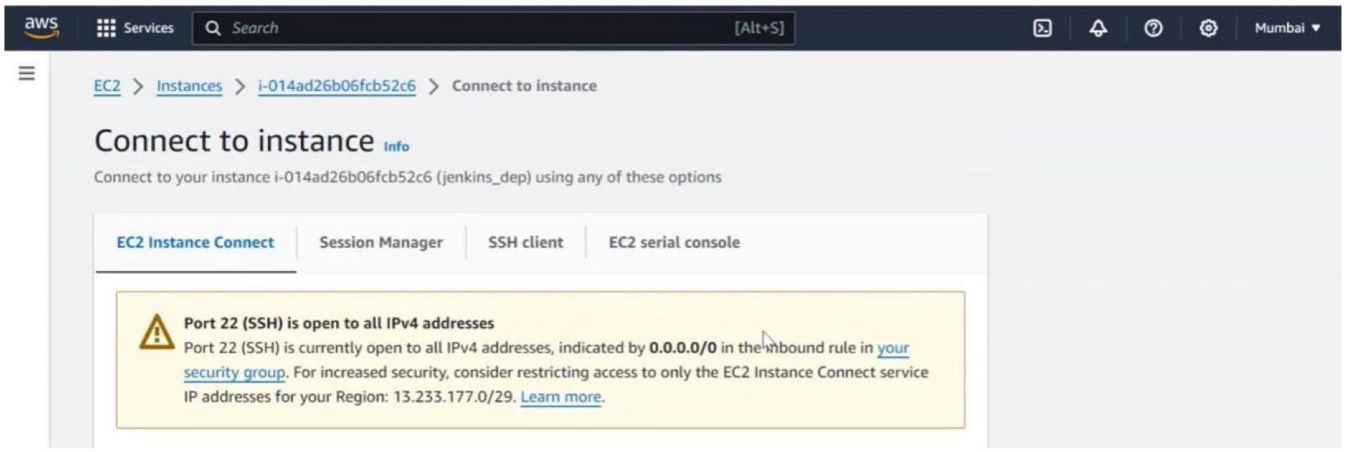
6. Deploy web app in AWS EC2 using Ansible.

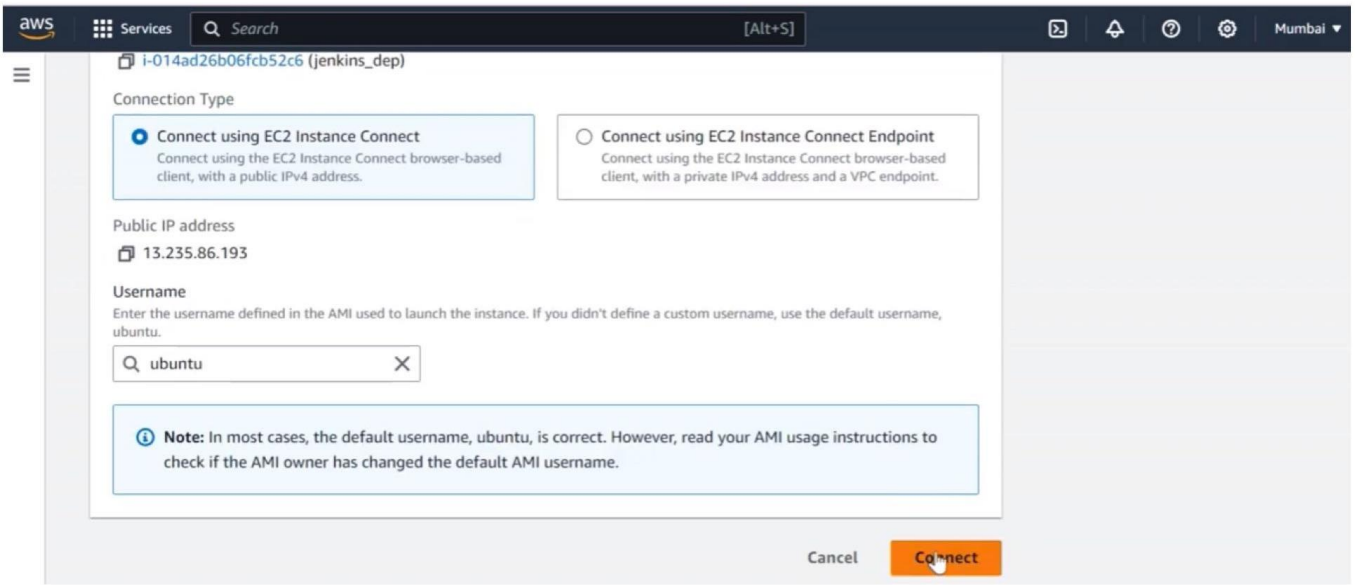







aws
Services
Search
[Alt+S]
Mumbai
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-014ad26b06fcb52c6 (jenkins_dep)
1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is jenkins-a.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
chmod 400 "jenkins-a.pem"
4. Connect to your instance using its Public DNS:
ec2-13-235-86-193.ap-south-1.compute.amazonaws.com
Example:
ssh -i "jenkins-a.pem" ubuntu@ec2-13-235-86-193.ap-south-1.compute.amazonaws.com
Note: In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.


aws
Services
Search
[Alt+S]
Mumbai
EC2 > Instances > i-014ad26b06fcb52c6 > Connect to instance
Connect to instance Info
Connect to your instance i-014ad26b06fcb52c6 (jenkins_dep) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Port 22 (SSH) is open to all IPv4 addresses
Port 22 (SSH) is currently open to all IPv4 addresses, indicated by 0.0.0.0/0 in the inbound rule in your security group. For increased security, consider restricting access to only the EC2 Instance Connect service IP addresses for your Region: 13.233.177.0/29. Learn more.

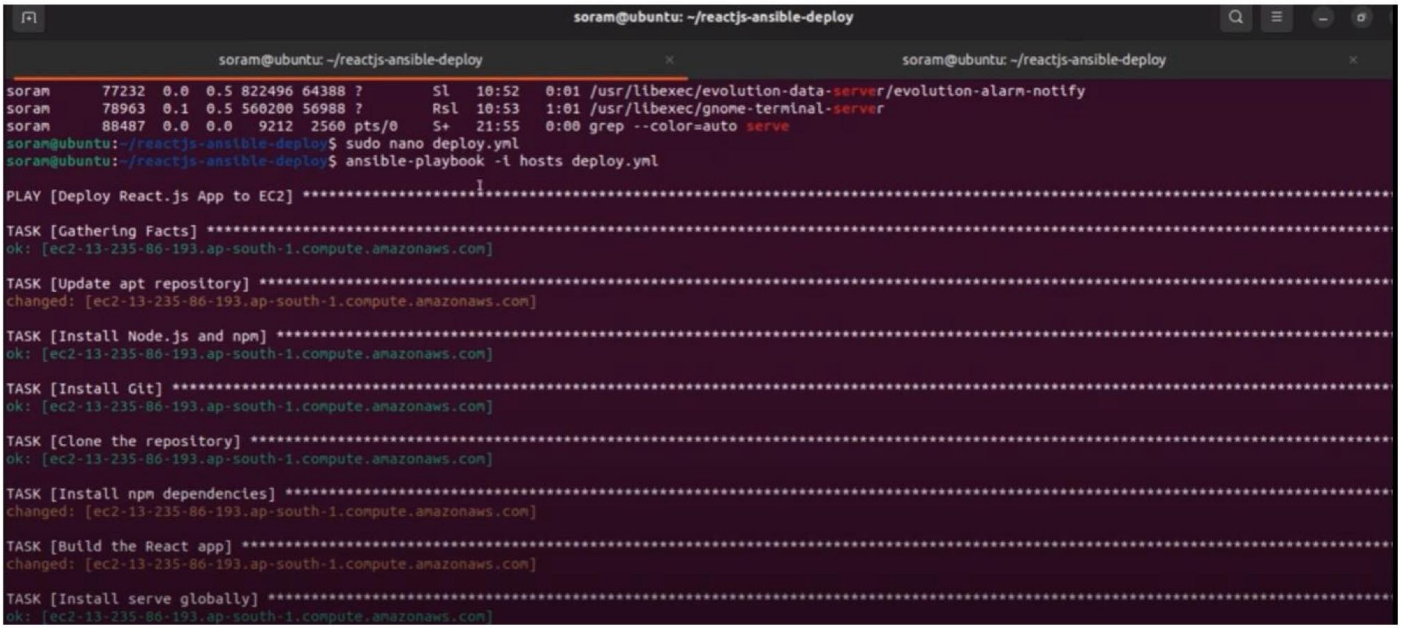

aws
Services
Search
[Alt+S]
Mumbai
i-014ad26b06fcb52c6 (jenkins_dep)
Connection Type
Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.
Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.
Public IP address
13.235.86.193
Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.
ubuntu
Note: In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.
Cancel
Connect

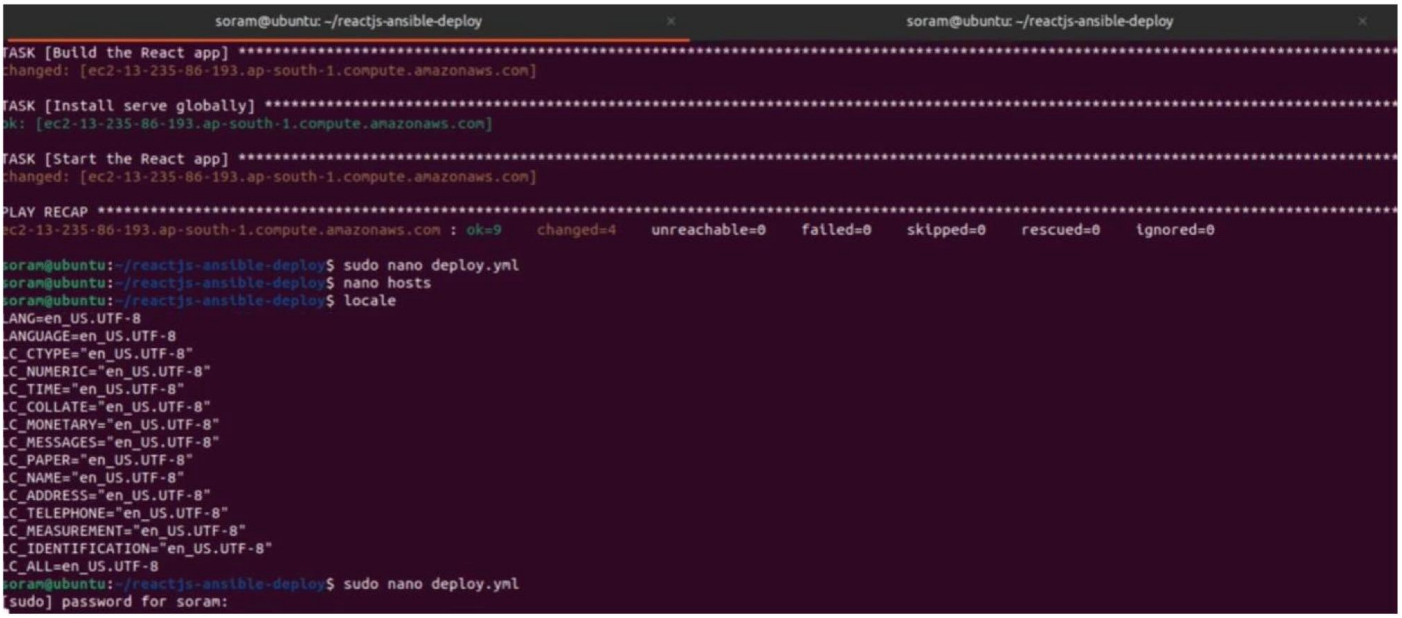
```
ps aux | grep serve
serve -s build -l 3000
```

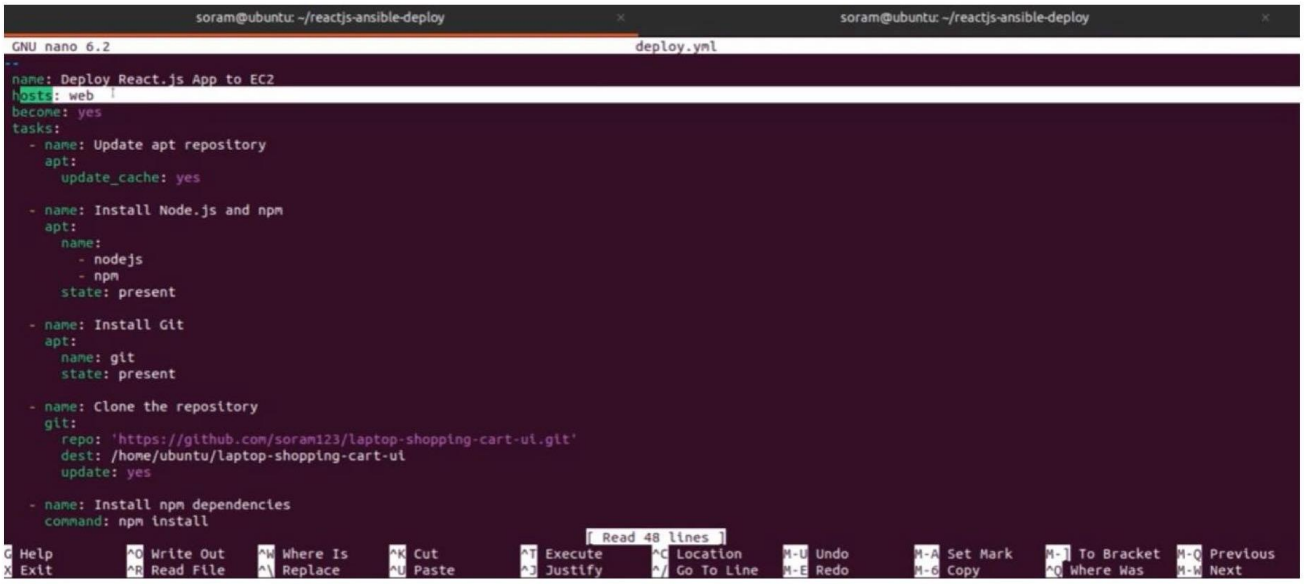
1. ansible install
2. python3 install
3. python3 pip install
4. pip install six
5. install nginx

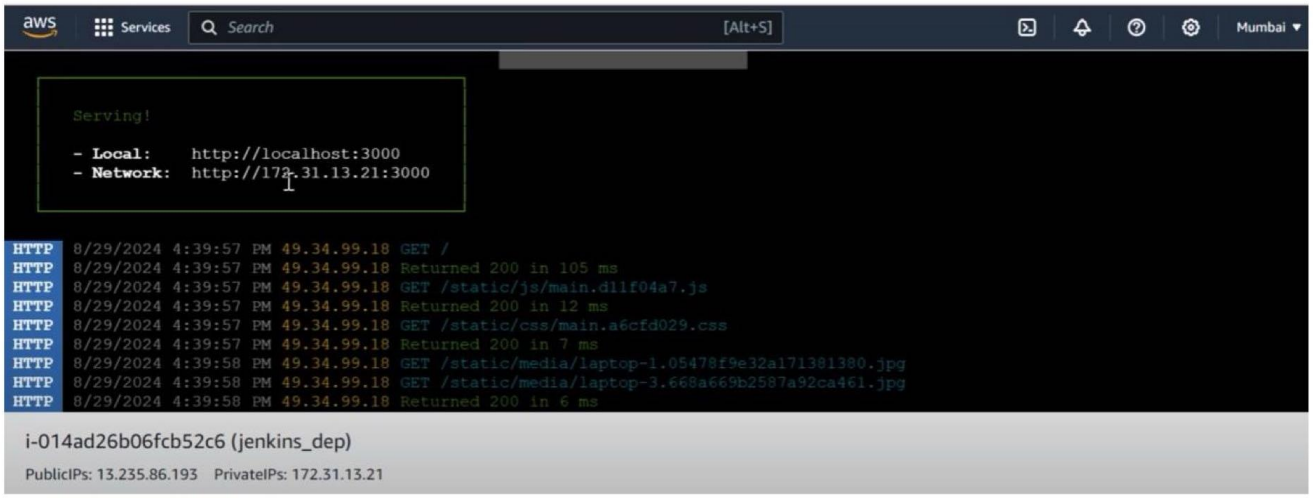
if any problem upgrade ansible. ansible version2+ and python3.x

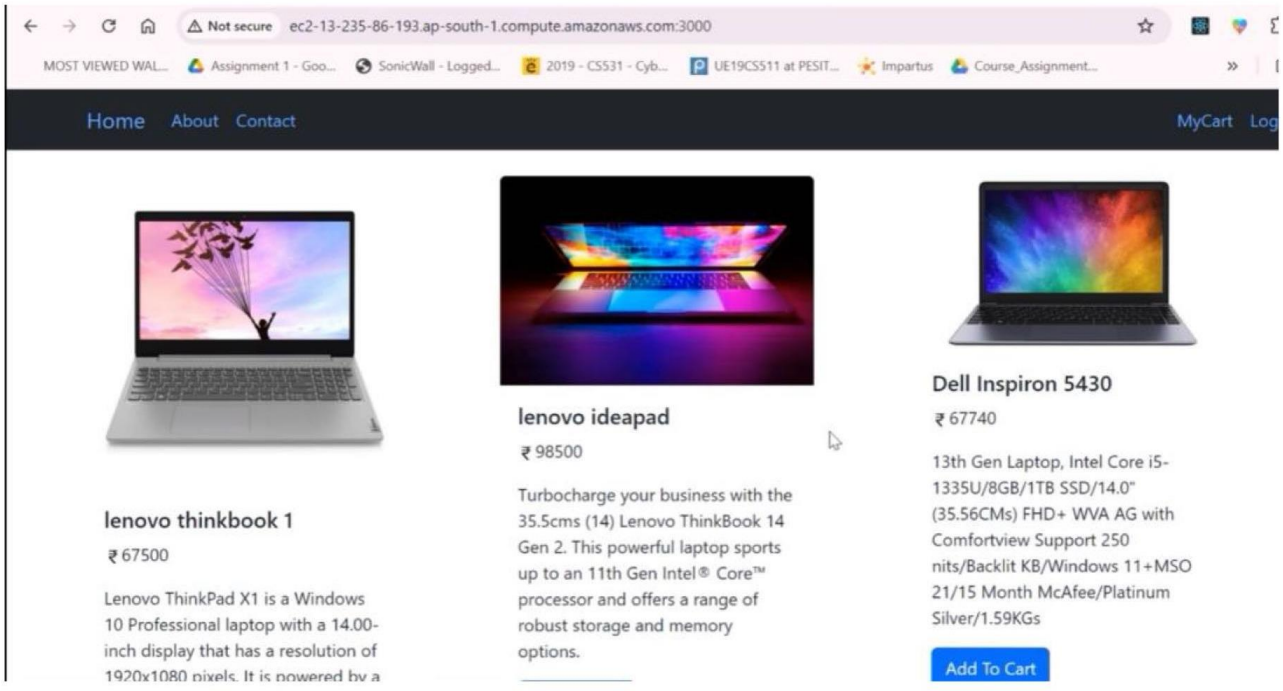
jenkins-a.pem key should be there for connecting to aws ec2 instance.
add utf 8 if error issue.






soram@ubuntu: ~/reactjs-ansible-deploy
soram@ubuntu: ~/reactjs-ansible-deploy
GNU nano 6.2
deploy.yml
name: Deploy React.js App to EC2
hosts: web
become: yes
tasks:
- name: Update apt repository
apt:
update_cache: yes
- name: Install Node.js and npm
apt:
name:
- nodejs
- npm
state: present
- name: Install Git
apt:
name: git
state: present
- name: Clone the repository
git:
repo: 'https://github.com/soram123/laptop-shopping-cart-ui.git'
dest: /home/ubuntu/laptop-shopping-cart-ui
update: yes
- name: Install npm dependencies
command: npm install
[Read 48 lines]
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket M-Q Previous
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was M-W Next


aws
Services
Search
[Alt+S]
Mumbai
Serving!
- Local: http://localhost:3000
- Network: http://172.31.13.21:3000
HTTP 8/29/2024 4:39:57 PM 49.34.99.18 GET /
HTTP 8/29/2024 4:39:57 PM 49.34.99.18 Returned 200 in 105 ms
HTTP 8/29/2024 4:39:57 PM 49.34.99.18 GET /static/js/main.d11f04a7.js
HTTP 8/29/2024 4:39:57 PM 49.34.99.18 Returned 200 in 12 ms
HTTP 8/29/2024 4:39:57 PM 49.34.99.18 GET /static/css/main.a6cfd029.css
HTTP 8/29/2024 4:39:57 PM 49.34.99.18 Returned 200 in 7 ms
HTTP 8/29/2024 4:39:58 PM 49.34.99.18 GET /static/media/laptop-1.05478f9e32a171381380.jpg
HTTP 8/29/2024 4:39:58 PM 49.34.99.18 GET /static/media/laptop-3.668a669b2587a92ca461.jpg
HTTP 8/29/2024 4:39:58 PM 49.34.99.18 Returned 200 in 6 ms
i-014ad26b06fcb52c6 (jenkins_dep)
PublicIPs: 13.235.86.193 PrivateIPs: 172.31.13.21


Not secure
ec2-13-235-86-193.ap-south-1.compute.amazonaws.com:3000
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lenovo thinkbook 1
₹ 67500
Lenovo ThinkPad X1 is a Windows 10 Professional laptop with a 14.00-inch display that has a resolution of
lenovo ideapad
₹ 98500
Turbocharge your business with the 35.5cms (14) Lenovo ThinkBook 14 Gen 2. This powerful laptop sports up to an 11th Gen Intel® Core™ processor and offers a range of robust storage and memory options.
Dell Inspiron 5430
₹ 67740
13th Gen Laptop, Intel Core i5-1335U/8GB/1TB SSD/14.0" (35.56CMs) FHD+ WVA AG with Comfortview Support 250 nits/Backlit KB/Windows 11+MSO 21/15 Month McAfee/Platinum Silver/1.59KGs
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