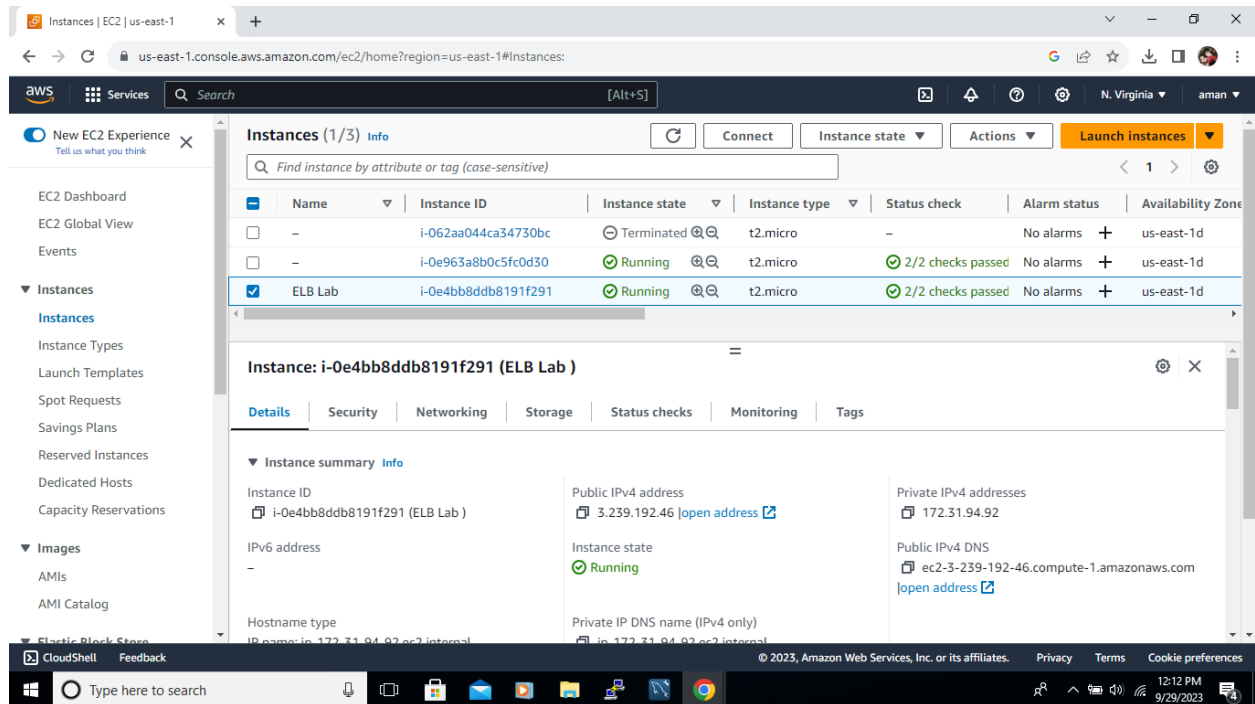


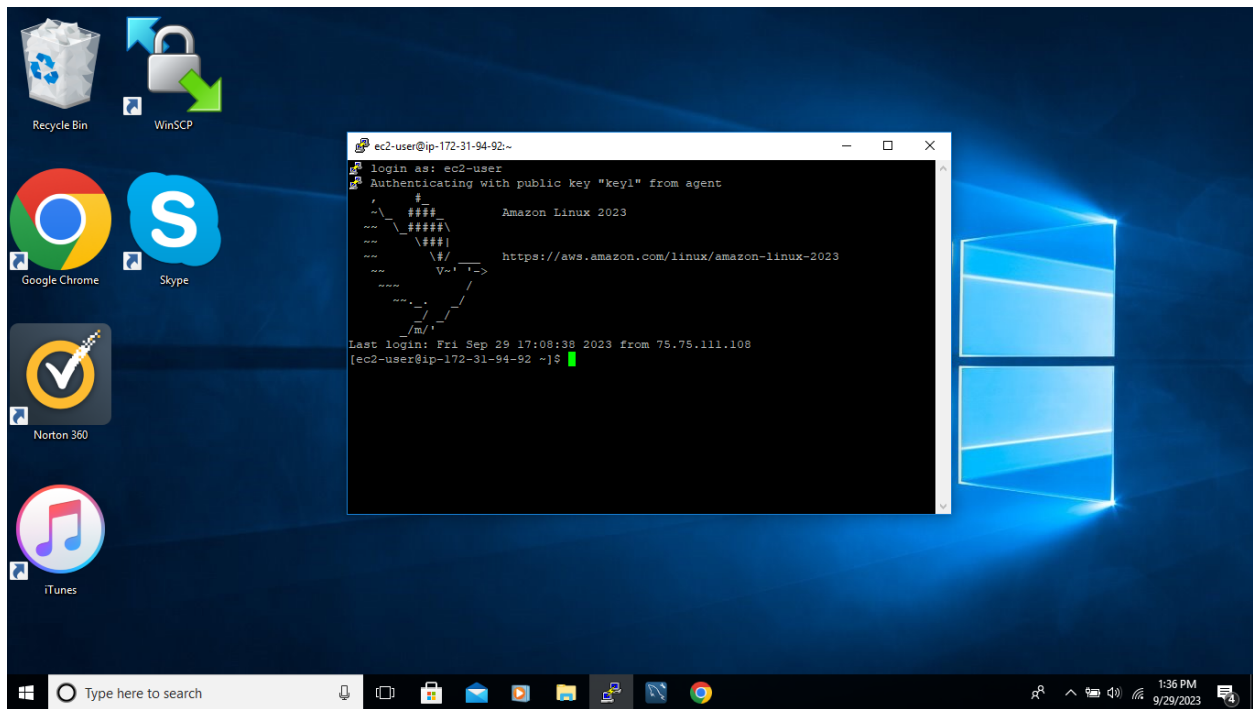
Creating and configuring an ELB

Follow the steps in Chapter 3, section 'Creating and configuring an ELB'. Screenshot Step 11 in which the instance IP and public DNS are visible.



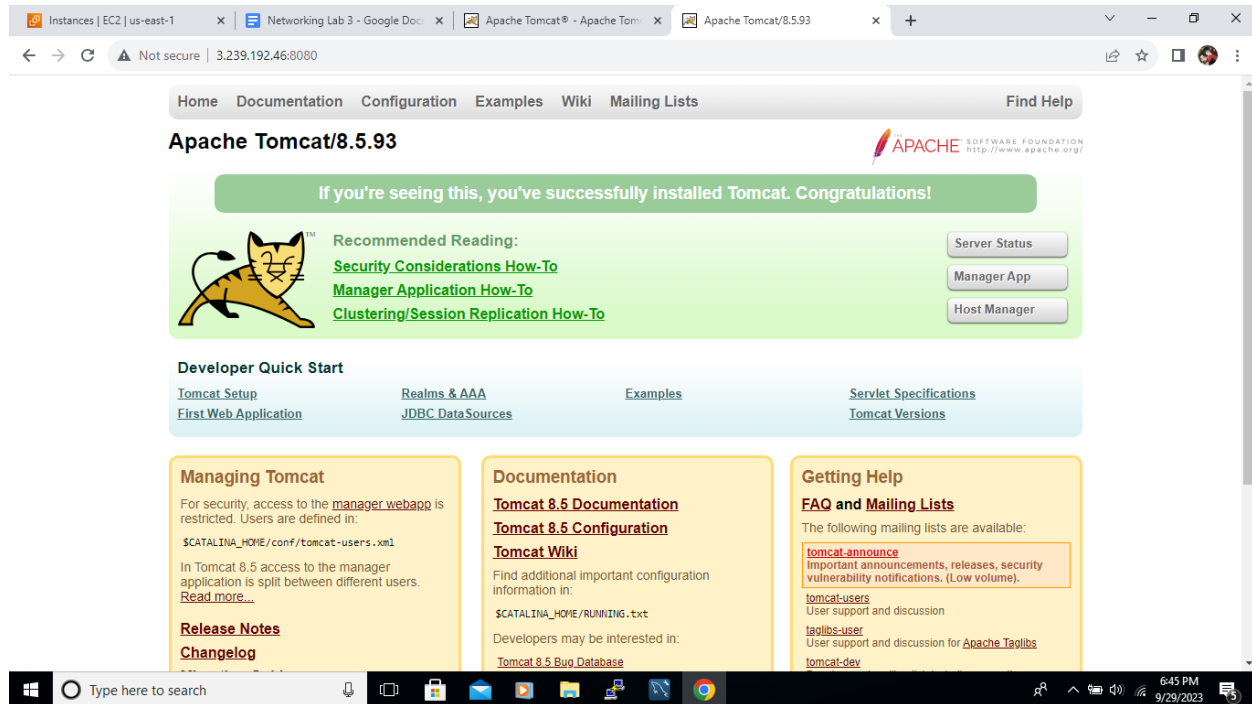
Accessing the instance remotely using PuTTY

Follow the steps in Chapter 3, section 'Accessing the instance remotely using PuTTY'. Screenshot step 7 in which you verify that you are able to successfully connect to the instance using PuTTY.

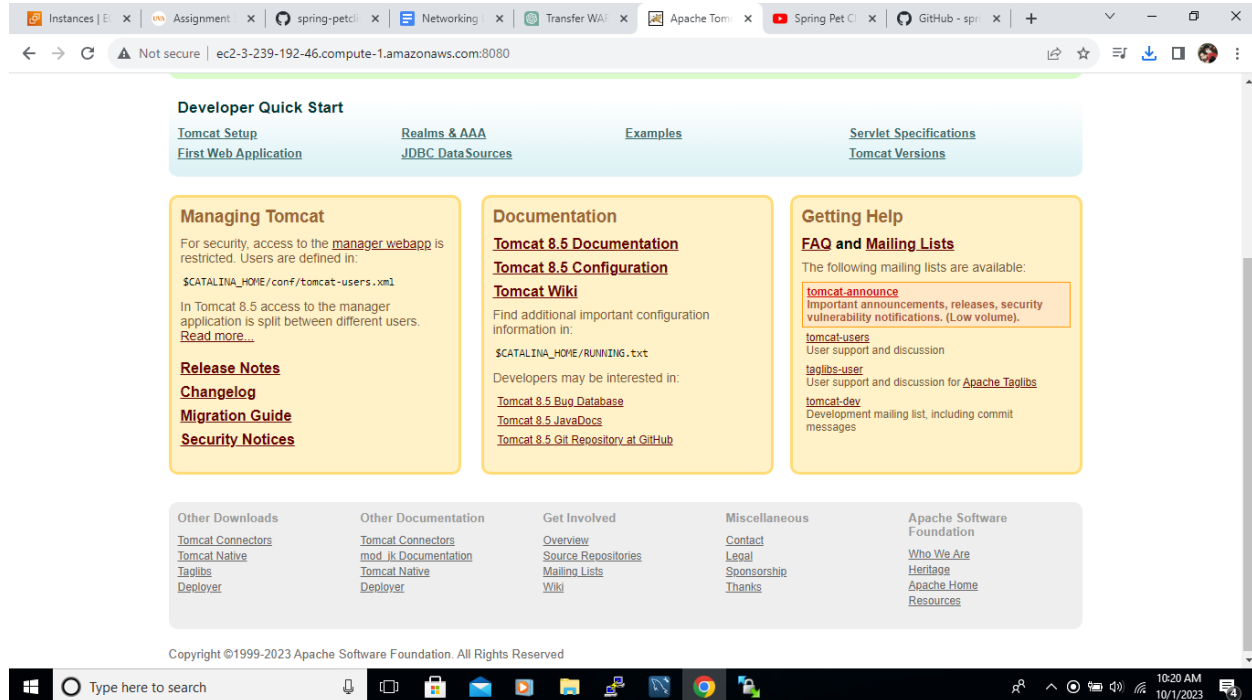


Install Tomcat, Deploy Sample Application on two Availability Zones

Follow the steps to install Tomcat. Screenshot **step 9** in which you verify that Tomcat is installed and accessible.



Follow the steps to transfer a working WAR file. Follow the steps to create another instance in a different Availability Zone, install Tomcat and deploy the same application. Submit a screenshot of step 12 in which you verify access to the application through your public DNS and the default port number.



Create an ELB

Follow the steps to create an ELB. Submit a screenshot of step 24 displaying the created ELB. Follow the steps to access the ELB through the DNS name to access the application.

The screenshot displays the AWS Management Console interface. The top navigation bar shows the user is logged in as 'aman' in the 'N. Virginia' region. The left sidebar contains the 'Services' menu, with 'Load Balancing' selected. The main content area shows the 'Load balancers' page, which lists one load balancer named 'peckt' in an 'Active' state. Below this, the 'Load balancer: peckt' details are shown, including its type (Application), status (Active), VPC ID, and IP address type (IPv4). The 'Target groups' page is also visible, showing one target group named 'peckt' with a health check configuration. The health check settings are as follows:

Protocol	Path	Port	Healthy threshold
HTTP	/petclinic	Traffic port	5 consecutive health check successes
Unhealthy threshold	Timeout	Interval	Success codes
2 consecutive health check failures	5 seconds	30 seconds	200

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sgr-09e80e241e2ea38e3	HTTP	TCP	80	Cus... 75.75.111.108/32		Delete
sgr-07cb0d22bc92dbcb6d	SSH	TCP	22	Cus... 0.0.0.0	e.g. SSH for Admin Desktop	Delete
sgr-06617d0edef05cbf7	All traffic	All	All	Cus... sg-052d6c0f3b02eb9f3	e.g. SSH for Admin Desktop	Delete

[Add rule](#)

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