

**Module 4: ELB Assignment** 



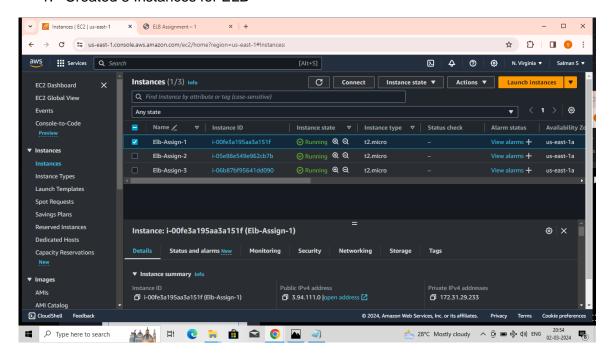
#### **Problem Statement:**

You work for XYZ Corporation that uses on premise solutions and some limited number of systems. With the increase in requests in their application, the load also increases. So, to handle the load the corporation has to buy more systems almost on a regular basis. Realizing the need to cut down the expenses on systems, they decided to move their infrastructure to AWS.

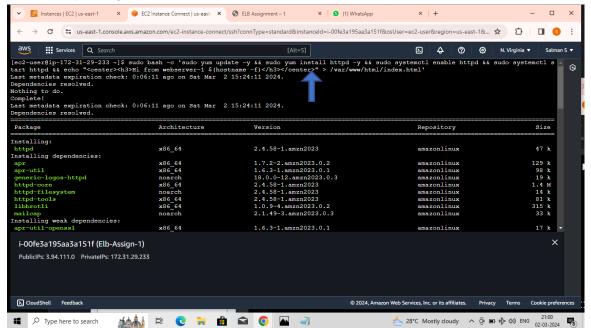
# Tasks To Be Performed:

- 1. Create a Classic Load Balancer and register 3 EC2 instances with different web pages running in them.
- 2. Migrate the Classic Load Balancer into an Application Load Balancer.

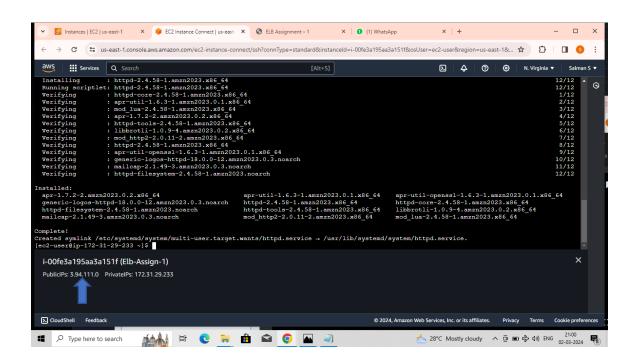
1. Created 3 Instances for ELB



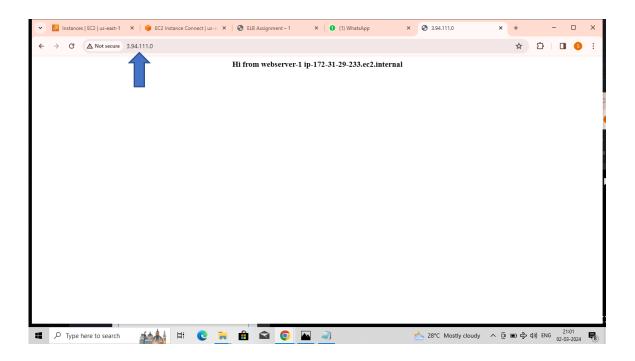
sudo update using && condition installed httpd(Appache Server) and system catalog enabled and started and using echo written small line Hi from WB-1 and and printing hostname saved as html and located in path.



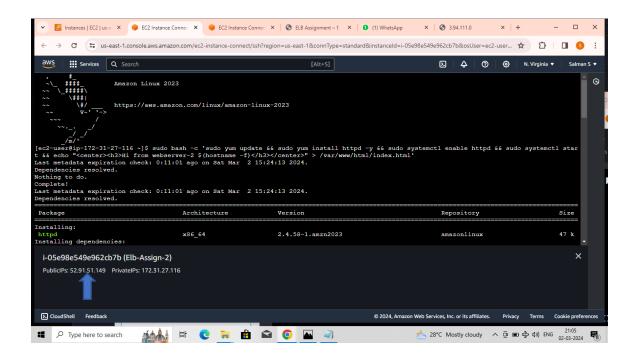
3. Successfully completed the Assignment configuration



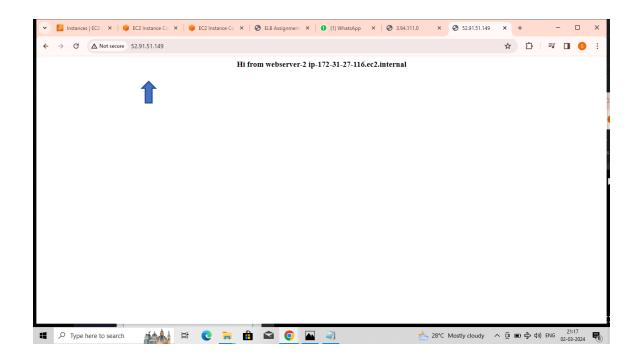
4. what we have run in the command we can see in the web page



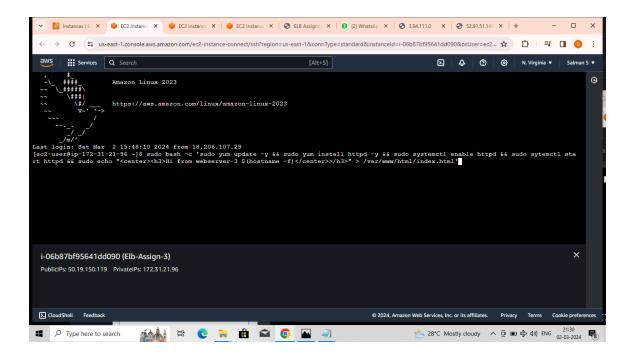
5. 2<sup>nd</sup> instances doing same config



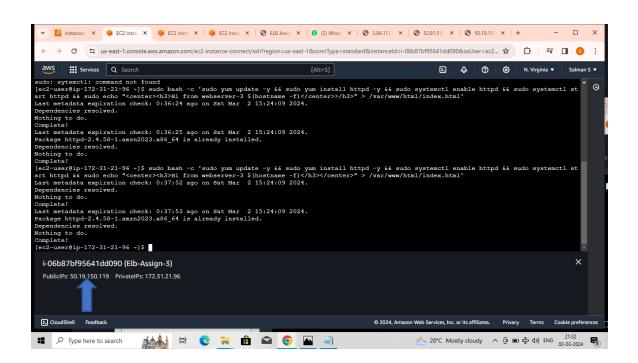
6. What we have run in the command we can see in the web page



### 7. Configuring for 3<sup>rd</sup> instances



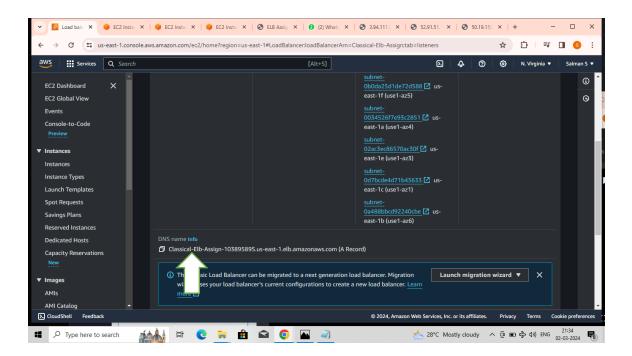
8. Successfully completed after sorting some mistake



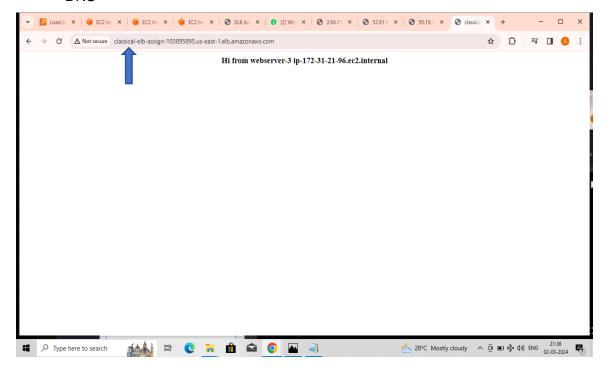
9. successfully created 3 ec2 instances and completed the httpd configuration in the 3 instances



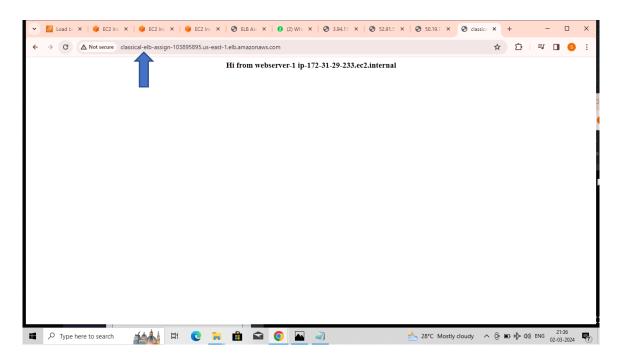
10. Now created Classical Load Balancer



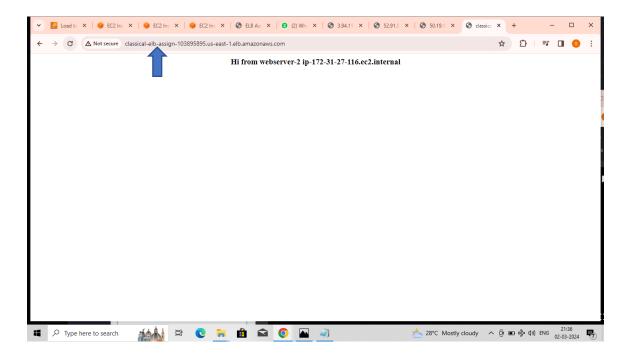
11. After Copying DNS from CELB and Hiding our Public IP and Its created ELB DNS



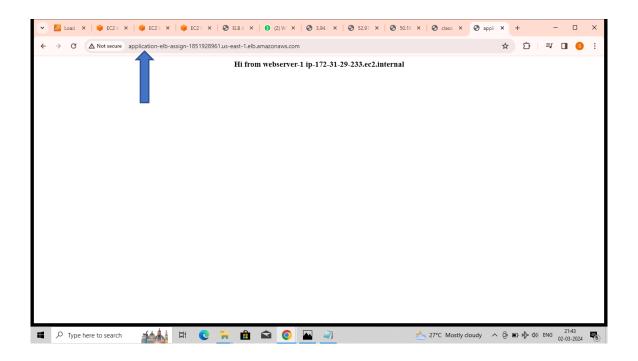
12. After Refreshing, its displaying another server because we attached 3 Instances manually While Creating Classical Load Balancer



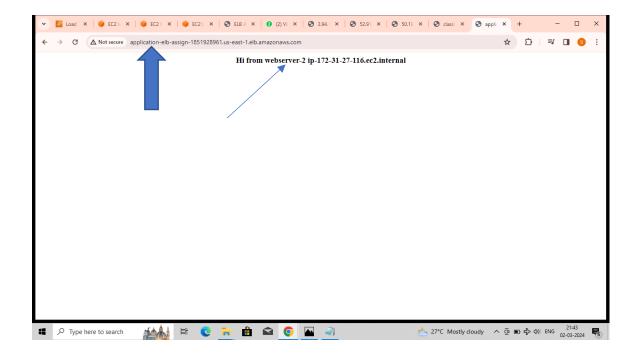
13. After Refreshing, Showing 3rd Web Server and like its distributing the Load



14. And we Migrate to Application Load Balancer



# 15. Displaying another Webserver-2



### 16. displaying another Webserver-3, Assigned Task Completed

