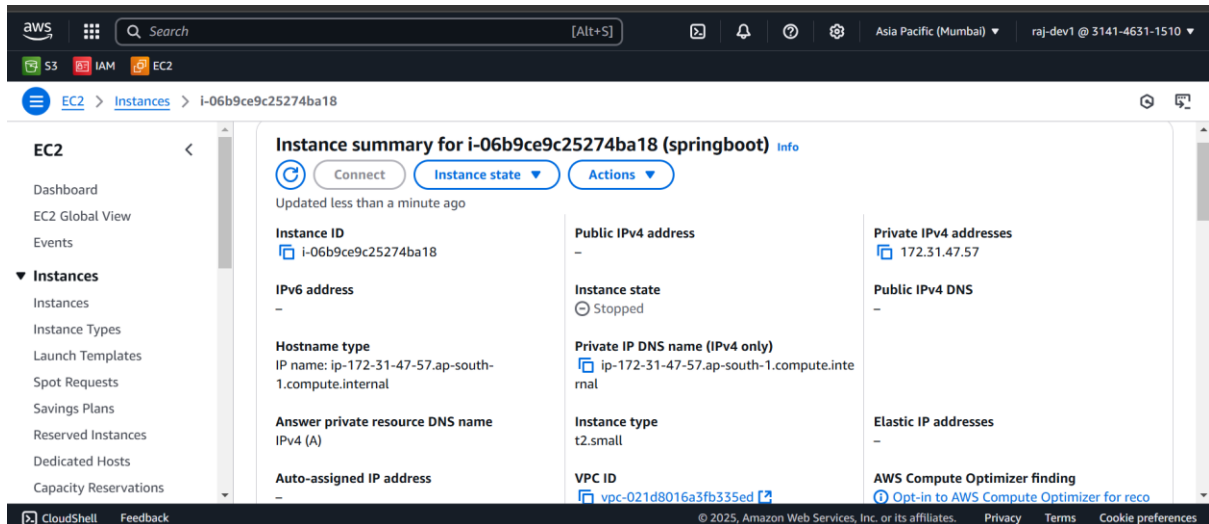


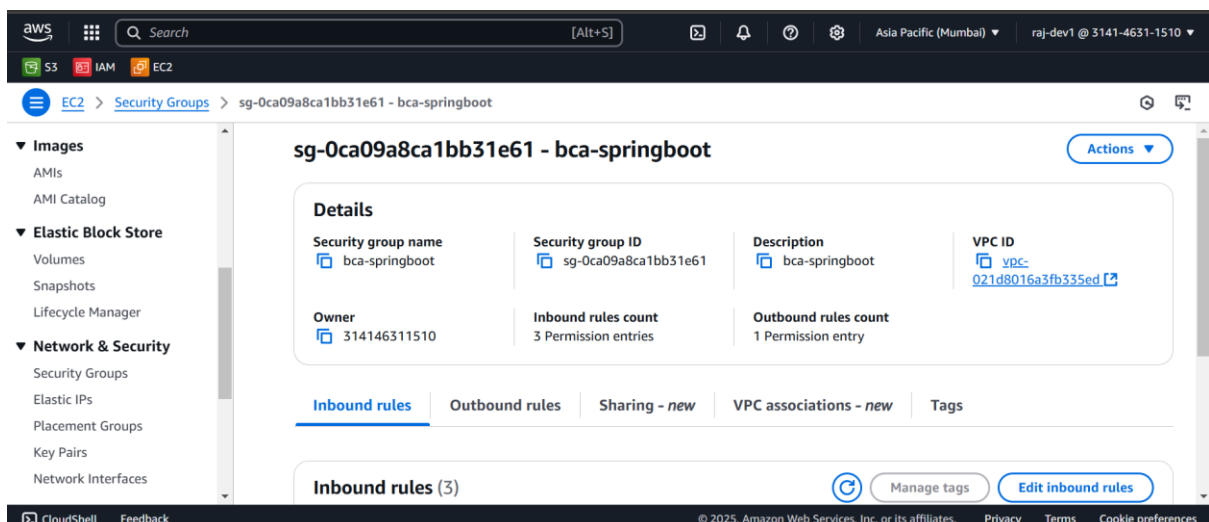
AWS LAB ASSIGNMENT – 2

NAME: RASHID T TAHASILDAR

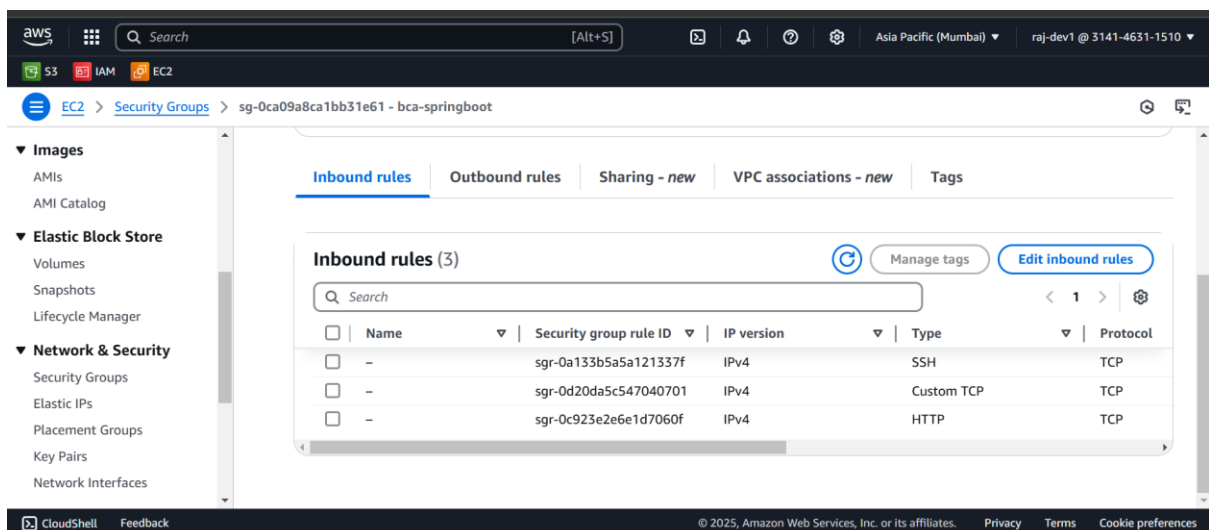
TOPIC: Spring boot application on EC2 instance



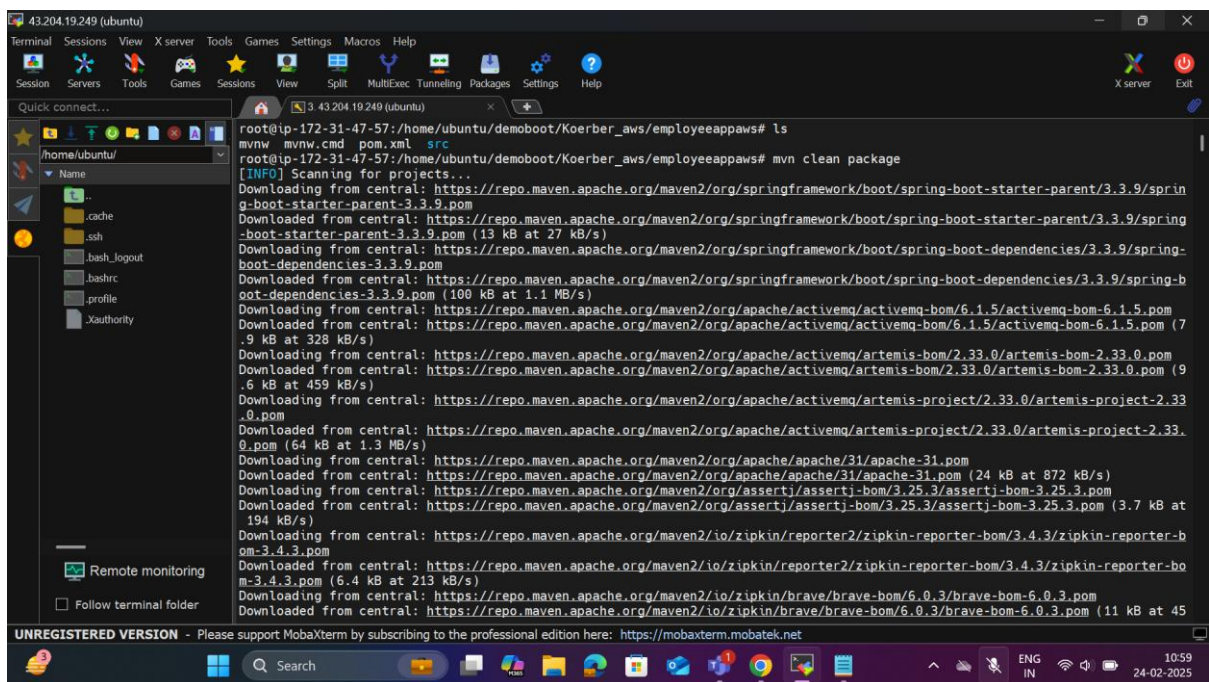
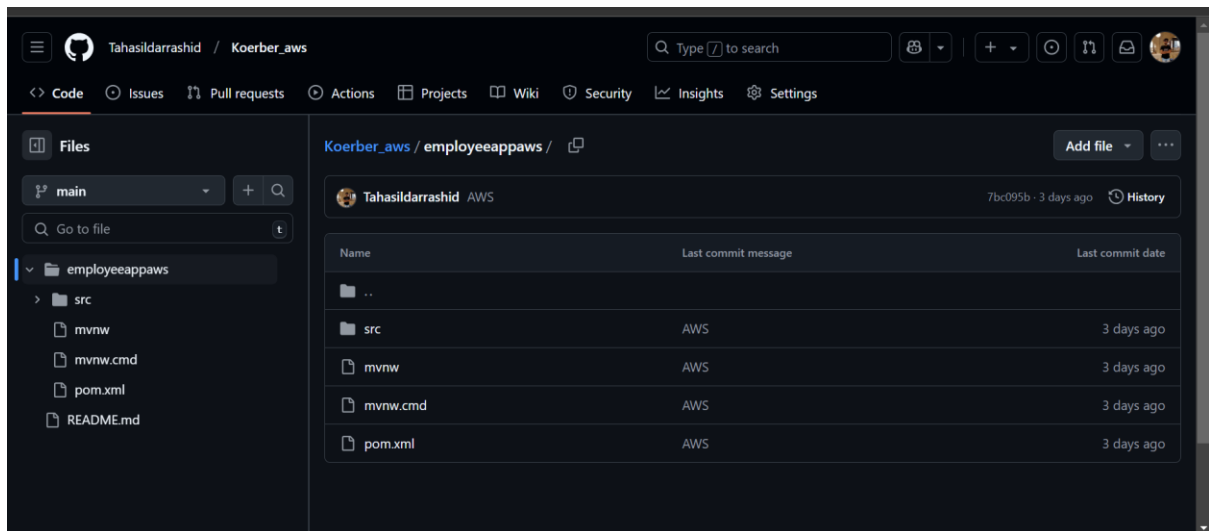
The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, a search bar, and the user's profile (raj-dev1 @ 3141-4631-1510). The left sidebar shows the navigation menu with categories like EC2, S3, IAM, and CloudShell. The main content area is titled "Instance summary for i-06b9ce9c25274ba18 (springboot)". It features a "Connect" button and a dropdown menu for "Instance state" (currently set to "Stopped"). The summary is organized into several sections: "Instance ID" (i-06b9ce9c25274ba18), "IPv6 address" (none), "Hostname type" (IP name: ip-172-31-47-57.ap-south-1.compute.internal), "Answer private resource DNS name" (IPv4 (A)), "Auto-assigned IP address" (none), "Public IPv4 address" (none), "Instance state" (Stopped), "Private IP DNS name (IPv4 only)" (ip-172-31-47-57.ap-south-1.compute.internal), "Instance type" (t2.small), "VPC ID" (vpc-021d8016a3fb335ed), "Private IPv4 addresses" (172.31.47.57), "Public IPv4 DNS" (none), "Elastic IP addresses" (none), and "AWS Compute Optimizer finding" (Opt-in to AWS Compute Optimizer for reco).

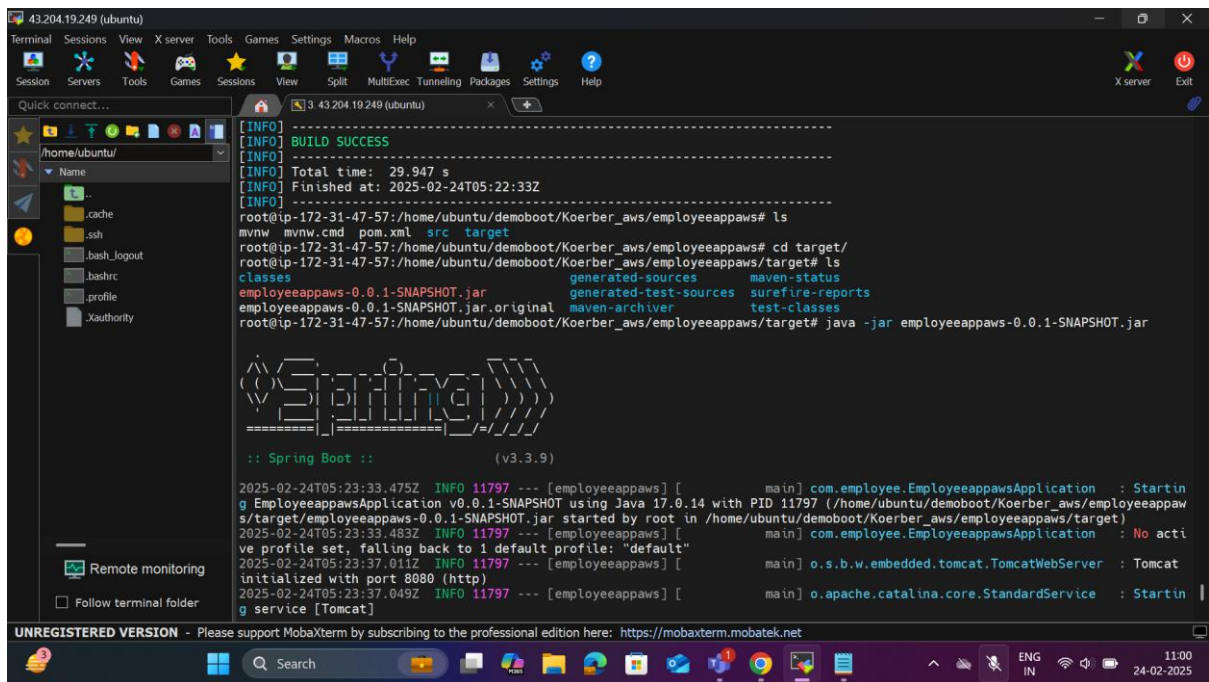
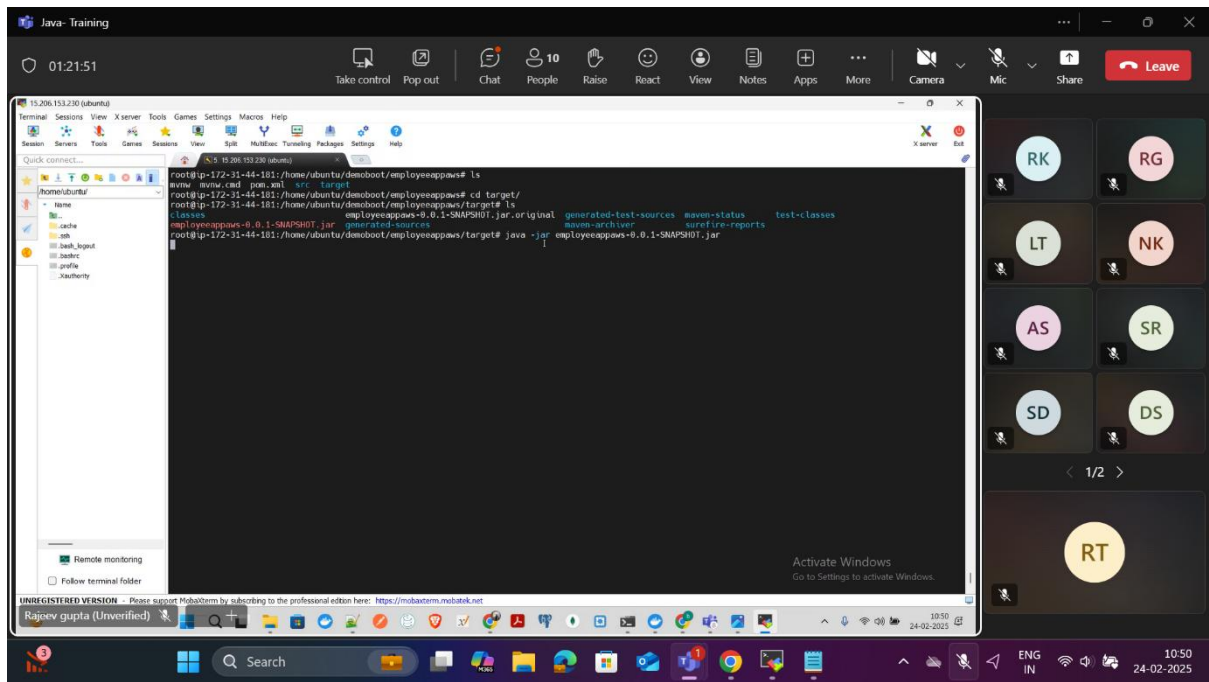


The screenshot shows the AWS Management Console interface for the security group "sg-0ca09a8ca1bb31e61 - bca-springboot". The top navigation bar and left sidebar are consistent with the previous screenshot. The main content area is titled "sg-0ca09a8ca1bb31e61 - bca-springboot" and includes an "Actions" dropdown menu. The "Details" section provides information about the security group: "Security group name" (bca-springboot), "Security group ID" (sg-0ca09a8ca1bb31e61), "Description" (bca-springboot), "VPC ID" (vpc-021d8016a3fb335ed), "Owner" (314146311510), "Inbound rules count" (3 Permission entries), and "Outbound rules count" (1 Permission entry). Below the details, there are tabs for "Inbound rules", "Outbound rules", "Sharing - new", "VPC associations - new", and "Tags". The "Inbound rules" tab is selected, showing a list of three inbound rules.



The screenshot displays the AWS Management Console interface for the security group "sg-0ca09a8ca1bb31e61 - bca-springboot", specifically the "Inbound rules" tab. The top navigation bar and left sidebar are consistent with the previous screenshots. The main content area shows the "Inbound rules (3)" section with a search bar and a table of rules. The table has columns for "Name", "Security group rule ID", "IP version", "Type", and "Protocol". There are three rules listed: 1) "SSH" with rule ID "sgr-0a133b5a5a121337f", IP version "IPv4", and protocol "TCP"; 2) "Custom TCP" with rule ID "sgr-0d20da5c547040701", IP version "IPv4", and protocol "TCP"; 3) "HTTP" with rule ID "sgr-0c923e2e6e1d7060f", IP version "IPv4", and protocol "TCP".






```
43.204.19.249 (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...
/home/ubuntu/
Name
.cache
.ssh
.bash_logout
.bashrc
.profile
.xauthority

Remote monitoring
Follow terminal folder

-launcher-1.10.5.jar (184 kB at 5.4 MB/s)
[INFO] -----
[INFO] T E S T S
[INFO] Running com.employee.EmployeeappawsApplicationTests
05:22:21.740 [main] INFO org.springframework.test.context.support.AnnotationConfigContextLoaderUtils -- Could not detect default
configuration classes for test class [com.employee.EmployeeappawsApplicationTests]: EmployeeappawsApplicationTests does not
declare any static, non-private, non-final, nested classes annotated with @Configuration.
05:22:22.003 [main] INFO org.springframework.boot.test.context.SpringBootTestContextBootstrapper -- Found @SpringBootConfigura
tion com.employee.EmployeeappawsApplication for test class com.employee.EmployeeappawsApplicationTests

:: Spring Boot :: (v3.3.9)

2025-02-24T05:22:23.057Z INFO 11740 --- [employeeappaws] [ main] c.e.EmployeeappawsApplicationTests : Startin
g EmployeeappawsApplicationTests using Java 17.0.14 with PID 11740 (started by root in /home/ubuntu/demoboot/Koerber_aws/emplo
yeeappaws)
2025-02-24T05:22:23.073Z INFO 11740 --- [employeeappaws] [ main] c.e.EmployeeappawsApplicationTests : No acti
ve profile set, falling back to 1 default profile: "default"
2025-02-24T05:22:27.583Z INFO 11740 --- [employeeappaws] [ main] o.s.b.a.e.web.EndpointLinksResolver : Exposin
g 14 endpoints beneath base path '/actuator'
2025-02-24T05:22:27.747Z INFO 11740 --- [employeeappaws] [ main] c.e.EmployeeappawsApplicationTests : Started
EmployeeappawsApplicationTests in 5.439 seconds (process running for 7.711)
OpenJDK 64-Bit Server VM warning: Sharing is only supported for boot loader classes because bootstrap classpath has been appen
ded
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 8.246 s -- in com.employee.EmployeeappawsApplicationTes

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43.204.19.249 (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

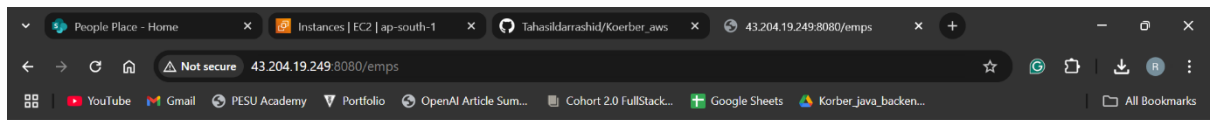
Quick connect...
/home/ubuntu/
Name
.cache
.ssh
.bash_logout
.bashrc
.profile
.xauthority

Remote monitoring
Follow terminal folder

:: Spring Boot :: (v3.3.9)

2025-02-24T05:23:33.475Z INFO 11797 --- [employeeappaws] [ main] com.employee.EmployeeappawsApplication : Startin
g EmployeeappawsApplication v0.0.1-SNAPSHOT using Java 17.0.14 with PID 11797 (/home/ubuntu/demoboot/Koerber_aws/employeeappaw
s/target/employeeappaws-0.0.1-SNAPSHOT.jar started by root in /home/ubuntu/demoboot/Koerber_aws/employeeappaws/target)
2025-02-24T05:23:33.483Z INFO 11797 --- [employeeappaws] [ main] com.employee.EmployeeappawsApplication : No acti
ve profile set, falling back to 1 default profile: "default"
2025-02-24T05:23:37.011Z INFO 11797 --- [employeeappaws] [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat
initialized with port 8080 (http)
2025-02-24T05:23:37.049Z INFO 11797 --- [employeeappaws] [ main] o.apache.catalina.core.StandardService : Startin
g service [Tomcat]
2025-02-24T05:23:37.051Z INFO 11797 --- [employeeappaws] [ main] o.apache.catalina.core.StandardEngine : Startin
g Servlet engine: [Apache Tomcat/10.1.36]
2025-02-24T05:23:37.344Z INFO 11797 --- [employeeappaws] [ main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initial
izing Spring embedded WebApplicationContext
2025-02-24T05:23:37.346Z INFO 11797 --- [employeeappaws] [ main] w.s.c.ServletWebServerApplicationContext : Root We
bApplicationContext: initialization completed in 3723 ms
2025-02-24T05:23:39.495Z INFO 11797 --- [employeeappaws] [ main] o.s.b.a.e.web.EndpointLinksResolver : Exposin
g 14 endpoints beneath base path '/actuator'
2025-02-24T05:23:39.660Z INFO 11797 --- [employeeappaws] [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat
started on port 8080 (http) with context path '/'
2025-02-24T05:23:39.766Z INFO 11797 --- [employeeappaws] [ main] com.employee.EmployeeappawsApplication : Started
EmployeeappawsApplication in 7.604 seconds (process running for 8.905)
2025-02-24T05:24:41.664Z INFO 11797 --- [employeeappaws] [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initial
izing Spring DispatcherServlet 'dispatcherServlet'
2025-02-24T05:24:41.665Z INFO 11797 --- [employeeappaws] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initial
izing Servlet 'dispatcherServlet'
2025-02-24T05:24:41.668Z INFO 11797 --- [employeeappaws] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Complet
ed initialization in 2 ms
43.204.19.249

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emp v4: LOCAL

