

AWS Ticketing Deployment — Screenshots

The screenshot shows the AWS Management Console with the EC2 Instances page open. The left sidebar shows navigation options like Dashboard, AWS Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images, AMIs, and AMI Catalog. The main content area displays a table of instances with one entry: ticket-app (Instance ID: i-0d280890e693ad860, State: Running, Type: t3.micro, Status: 3/3 checks passed, AZ: ap-south-1b, Public IP: ec2-13-233-102-111.ap-south-1.compute.amazonaws.com). Below the table is a detailed view for the selected instance, showing its summary, images, and network interfaces.

The screenshot shows the AWS Management Console with the Aurora and RDS Databases page open. The left sidebar shows navigation options like Dashboard, Databases (selected), Performance insights, Snapshots, Exports in Amazon S3, Automated backups, Reserved instances, Proxies, Subnet groups, Parameter groups, Option groups, Custom engine versions, Zero-ETL integrations, Events, and Event subscriptions. The main content area displays a summary of the database ticketdb, including its identifier (ticketdb), status (Available), role (Instance), engine (MySQL Community), and region (ap-south-1b). Below the summary are tabs for Connectivity & security, Monitoring, Logs & events, Configuration, Zero-ETL integrations, Maintenance & backups, and Data. The Connectivity & security tab is selected, showing details about the endpoint, VPC, subnet group, and security groups.

Screenshot of the AWS Management Console showing the EC2 Security Groups page.

The left sidebar shows the navigation menu:

- AMI Catalog
- Elastic Block Store
- Volumes
- Snapshots
- Lifecycle Manager
- Network & Security
 - Security Groups
 - Elastic IPs
 - Placement Groups
 - Key Pairs
 - Network Interfaces
- Load Balancing
- Auto Scaling
- Auto Scaling Groups

The main content area displays the "Security Groups (1/4) Info" table:

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0746267104a62e0ee	sgticketdb	vpc-0fc7c29a942fd2e4f	sg for db
-	sg-0c3c2c6b7f7039fc	default	vpc-011a51269d886d81f	default VPC secur
-	sg-01f27bff517f63df9	ticketsg	vpc-0fc7c29a942fd2e4f	security for ticket
-	sg-060d8ddf4101ac114	default	vpc-0fc7c29a942fd2e4f	default VPC secur

Details for the selected security group "sg-0746267104a62e0ee - sgticketdb" are shown:

Inbound rules (1):

Name	Security group rule ID	IP version	Type	Protocol	Port range
-	sgr-0b92283e004a70eb0	-	MySQL/Aurora	TCP	3306

CloudShell, Feedback, Console Mobile App, and various browser tabs are visible at the bottom.

Screenshot of the AWS Management Console showing the VPC dashboard.

The left sidebar shows the navigation menu:

- VPC dashboard
- AWS Global View
- Virtual private cloud
 - Your VPCs
 - Subnets
 - Route tables
 - Internet gateways
 - Egress-only internet gateways
 - DHCP option sets
 - Elastic IPs
 - Managed prefix lists
 - NAT gateways
 - Peering connections
 - Route servers
- Security
 - Network ACLs

The main content area displays the "Your VPCs (1/2) Info" table:

Name	VPC ID	State	Encryption c...	Encryption control ...	Block Public...	IPv...
ticket-vpc	vpc-0fc7c29a942fd2e4f	Available	-	-	Off	104
-	vpc-011a51269d886d81f	Available	-	-	Off	172

Details for the selected VPC "vpc-0fc7c29a942fd2e4f / ticket-vpc" are shown:

VPC ID	State	Block Public Access	DNS hostnames
vpc-0fc7c29a942fd2e4f	Available	Off	Disabled
DNS resolution	Tenancy	DHCP option set	Main route table
Enabled	default	dopt-0175ddaf2eaef3a33	rtb-09e9cd8a3d865865e
Main network ACL	Default VPC	IPv4 CIDR	IPv6 pool
acl-09cef6f4d042aed75	No	10.0.0.0/16	-
IPv6 CIDR (Network border group)	Network Address Usage metrics	Route 53 Resolver DNS Firewall rule groups	Owner ID
-	Disabled	-	367428331630

CloudShell, Feedback, Console Mobile App, and various browser tabs are visible at the bottom.

```
ec2-user@ip-172-31-7-34:~/Ticket-raise-system/target
```

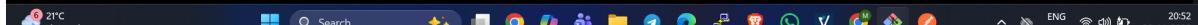
```
└─# curl -X POST http://172.31.7.34:8080/ticketapp/status ticketapp
```

```
Loaded: loaded (/etc/systemd/system/ticketapp.service; enabled; preset: disabled)
Active: active (running) since Sat 2025-11-29 14:23:59 UTC; 50min ago
Main PID: 40185 (java)
Tasks: 1 (limit: 1053)
Memory: 212.5M
CPU: 25.121s
CGroup: /system.slice/ticketapp.service
└─ 40185 /usr/bin/java -jar /home/ec2-user/Ticket-raise-system/target/ticketapp-project-0.0.1-SNAPSHOT.jar
```

```
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.coyote.http11.Http11InputBuffer.parseRequestLine(Http11InputBuffer.java:407) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.coyote.http11.Http11Processor.service(Http11Processor.java:264) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:63) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.doRun(NioEndpoint.java:1740) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.tomcat.util.net.SocketProcessorBase.run(SocketProcessorBase.java:52) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.tomcat.util.threads.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:193) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:667) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at java.base/java.lang.Thread.run(Thread.java:840) ~[na:na]
```

```
Nov 29 14:56:54 ip-172-31-7-34 target$ sudo lsof -i:8080
COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME
java 40185 ec2-user 19u IPv6 865600 OTO TCP *:webcache (LISTEN)
[bash] syntax error near unexpected token `newline'
ec2-user@ip-172-31-7-34 target$ sudo kill -9 <40185>
[ec2-user@ip-172-31-7-34 target]$ lsof -i:8080
[ec2-user@ip-172-31-7-34 target]$ nc
[ec2-user@ip-172-31-7-34 target]$ sudo kill -9 40185
[ec2-user@ip-172-31-7-34 target]$ sudo lsof -i:8080
COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME
java 42212 ec2-user 19u IPv6 93245 OTO TCP *:webcache (LISTEN)
[ec2-user@ip-172-31-7-34 target]$ sudo kill -9 42212
[ec2-user@ip-172-31-7-34 target]$ sudo systemctl restart ticketapp
[ec2-user@ip-172-31-7-34 target]$ sudo systemctl status ticketapp
└─# ticketapp.service - Ticket Raise System Spring Boot App
   Loaded: loaded (/etc/systemd/system/ticketapp.service; enabled; preset: disabled)
   Active: active (running) since Sat 2025-11-29 15:20:11 UTC; 14s ago
     Main PID: 42261 (java)
        Tasks: 1 (limit: 1053)
       Memory: 205.6M
          CPU: 20.7682s
         CGroup: /system.slice/ticketapp.service
             └─ 42261 /usr/bin/java -jar /home/ec2-user/Ticket-raise-system/target/ticketapp-project-0.0.1-SNAPSHOT.jar
```

```
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: Hibernate: alter table ticket modify column resolved_at datetime(3)
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: Hibernate: alter table ticket modify column status enum ('ASSIGNED','CANCELLED','CLOSED','COMPLETED','OPEN','PENDING')
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: Hibernate: alter table ticket modify column ticket_category enum ('HARDWARE','OTHER','SOFTWARE','TECHNICAL_ISSUES','TRAINING')
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: Hibernate: alter table ticket modify column updated_at datetime(3)
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: Hibernate: alter table users modify column role enum ('ROLE_GATESMAN','ROLE_TEAMMEMBER','ROLE_USER')
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: [main] JpaBaseConfigurations$JpaWebConfiguration : spring.jpa.open-in-view is enabled
Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: [main] JpaBaseConfigurations$JpaWebConfiguration : main.JpaBaseConfigurations$JpaWebConfiguration : spring.jpa.open-in-view is enabled
Nov 29 15:20:20 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: [main] JpaBaseConfigurations$DefaultSecurityFilterChain : Will secure any request with [org.springframework.security.web.DefaultSecurityFilterChain]
Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: [main] o.s.w.s.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http://0.0.0.0:8080)
Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: [main] com.tttl.tttlprojectApplication : Started tttlprojectApplication in 9ms
[Lines: 1-20/20 (END)]
```



The screenshot shows a web browser window with the following details:

- Address Bar:** Not secure 13.233.102.111:8080/swagger-ui/index.html#/
- Servers:** http://13.233.102.111:8080 - Generated server url
- Buttons:** Authorize (green)

The main content area displays the Swagger UI interface for an "ITIL Application". It includes sections for:

- register-controller:**
 - PUT /api/users/{id}
 - POST /api/users/register
- ticket-controller:**
 - PUT /api/tickets/{ticketId}
 - POST /api/tickets/{userId}
 - GET /api/tickets

The bottom of the screen shows the Windows taskbar with various pinned icons and system status indicators.