

AWS Ticketing Deployment — Screenshots

The screenshot shows the AWS Management Console for the ap-south-1 region. The left sidebar displays the navigation menu with categories like EC2, Images, and Elastic Block Store. The main content area shows the 'Instances (1/1)' page. A table lists the instance 'ticket-app' with ID 'i-Od280890e693ad860', state 'Running', type 't3.micro', and availability zone 'ap-south-1b'. Below the table, the 'Details' tab for the instance is expanded, showing the 'Instance summary' with fields for Instance ID, Public IPv4 address (13.233.102.111), Private IPv4 addresses (172.31.7.34), and Instance state (Running).

The screenshot shows the AWS Management Console for the ap-south-1 region, specifically the 'ticketdb - Database Details' page. The left sidebar shows the 'Aurora and RDS' section with 'Databases' selected. The main content area displays the 'Summary' tab for the database 'ticketdb'. The summary includes the DB identifier 'ticketdb', status 'Available', role 'Instance', engine 'MySQL Community', and region 'ap-south-1b'. Below the summary, the 'Connectivity & security' tab is selected, showing details about the endpoint, port, availability zone, VPC, subnet group, and security groups.

Free Cloud Computing Service... AWS Management Console x Security groups | EC2 | ap-south-1 | Swagger UI x +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SecurityGroups

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Security Groups (1/4) info

Find security groups by attribute or tag

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0746267104a62e0ee	sgticketdb	yvc-0fc7c29a942fd2e4f	sg for db
-	sg-0c3c2c26b7f7039fc	default	yvc-011a51269d886d81f	default VPC secur
-	sg-01f27bfff517f63df9	ticketsg	yvc-0fc7c29a942fd2e4f	security for ticket
-	sg-060d8ddf4101ac114	default	yvc-0fc7c29a942fd2e4f	default VPC secur

sg-0746267104a62e0ee - sgticketdb

Details **Inbound rules** Outbound rules Sharing - new VPC associations - new Tags

Inbound rules (1)

Search

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

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ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#vpcs

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VPC dashboard

AWS Global View Filter by VPC

Virtual private cloud

Introducing VPC encryption control
Manage and enforce encryption settings across your Virtual Private Cloud (VPC) resources. This centralized control helps ensure compliance with security policies and data protection regulations. [Create encryption control](#)

Your VPCs (1/2) info

Find VPCs by attribute or tag

Name	VPC ID	State	Encryption c...	Encryption control ...	Block Public...	IPv...
ticket-vpc	yvc-0fc7c29a942fd2e4f	Available	-	-	Off	10.0.0.0/16
-	yvc-011a51269d886d81f	Available	-	-	Off	172.16.0.0/16

vpc-0fc7c29a942fd2e4f / ticket-vpc

VPC ID vpc-0fc7c29a942fd2e4f	State Available	Block Public Access Off	DNS hostnames Disabled
DNS resolution Enabled	Tenancy default	DHCP option set dopt-0175ddaf2eae3a33	Main route table rtb-09e9c88a3d865865e
Main network ACL acl-09cef6f4d042aed75	Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -
IPv6 CIDR (Network border group)	Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups	Owner ID 367428331630

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```
ec2-user@ip-172-31-7-34:~/Ticket-raise-system/target
[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 14:23:59 UTC; 50min ago
     Main PID: 40185 (java)
       Tasks: 31 (limit: 1053)
      Memory: 212.5M
         CPU: 23.12s
      CGroup: /system.slice/ticketapp.service
              └─40185 /usr/bin/java -jar /home/ec2-user/Ticket-raise-system/target/itilproject-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.AbstractProcessorLight.process(AbstractProcessorLight.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.coyote.AbstractProtocol$ConnectionHandler.process(AbstractProtocol.java:894) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.tomcat.util.net.NioEndpoint$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$Worker.run(ThreadPoolExecutor.java:1191) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at org.apache.tomcat.util.threads.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:639) ~[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.TaskThread$WrappingRunnable.run(TaskThread.java:61) ~[tomcat-embed-core-10.1.11.jar!/:na]
Nov 29 14:56:54 ip-172-31-7-34.ap-south-1.compute.internal java[40185]: at java.base/java.lang.Thread.run(Thread.java:840) ~[na:na]
[ec2-user@ip-172-31-7-34 target]$ sudo lsuf -i :8080
COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME
java 40185 ec2-user 19u IPv6 86506 0t0 TCP *:webcache (LISTEN)
[ec2-user@ip-172-31-7-34 target]$ sudo kill -9 <PID>
bash: syntax error near unexpected token `newline'
[ec2-user@ip-172-31-7-34 target]$ sudo kill -9 <40185>
bash: syntax error near unexpected token `newline'
[ec2-user@ip-172-31-7-34 target]$ AC
[ec2-user@ip-172-31-7-34 target]$ sudo kill -9 40185
[ec2-user@ip-172-31-7-34 target]$ sudo lsuf -i :8080
COMMAND PID USER FD TYPE DEVICE SIZE/OFF NODE NAME
java 42121 ec2-user 19u IPv6 93245 0t0 TCP *:webcache (LISTEN)
[ec2-user@ip-172-31-7-34 target]$ sudo kill -9 42121
[ec2-user@ip-172-31-7-34 target]$ sudo lsuf -i :8080
[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: 31 (limit: 1053)
      Memory: 209.6M
         CPU: 20.762s
      CGroup: /system.slice/ticketapp.service
              └─42261 /usr/bin/java -jar /home/ec2-user/Ticket-raise-system/target/itilproject-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(6)
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')
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Nov 29 15:20:18 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:18.853Z INFO 42261 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory
Nov 29 15:20:20 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:20.515Z WARN 42261 --- [main] jpabaseconfigurations.JpabaseConfiguration : spring.jpa.open-in-view is enabled
Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:21.701Z INFO 42261 --- [main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.s
Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:21.701Z INFO 42261 --- [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (ht
Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:21.729Z INFO 42261 --- [main] com.itil.ItilprojectApplication : Started ItilprojectApplication in 9
Times: 1820/20 (CSD)
```

```
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[ec2-user@ip-172-31-7-34 target]$ sudo lsuf -i :8080
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[ec2-user@ip-172-31-7-34 target]$ journalctl -u ticketapp -f
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y default. Therefore, database queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning
Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:21.201Z INFO 42261 --- [main] o.s.s.web.DefaultSecurityFilterChain : Will secure any request with [org.sp
ringframework.security.web.session.DisableCoderFilter$47d269c4, org.springframework.security.web.context.request.async.WebAsyncManagerIntegrationFilter$71e7adb0, org.springframework.security.web.context.Sec
urityContextHolderFilter$43de38e, org.springframework.security.web.header.HeaderWriterFilter$7893057, org.springframework.security.web.authentication.logout.LogoutFilter$3d40a3b4, com.itil.filter.JwtAuthentic
ationFilter$309d7c4e, org.springframework.security.web.savedrequest.RequestCacheAwareFilter$1f944b0e, org.springframework.security.web.servletapi.SecurityContextHolderAwareRequestFilter$1e1bfef, org.springfram
ework.security.web.authentication.AnonymousAuthenticationFilter$32091c14, org.springframework.security.web.session.SessionManagementFilter$60cb1ed6, org.springframework.security.web.access.ExceptionTranslationF
ilter$67f63d26, org.springframework.security.web.access.intercept.AuthorizationFilter$9e29a9f26]
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Nov 29 15:20:21 ip-172-31-7-34.ap-south-1.compute.internal java[42261]: 2025-11-29T15:20:21.729Z INFO 42261 --- [main] com.itil.ItilprojectApplication : Started ItilprojectApplication in 9.
113 seconds (process running for 0.28s)
```

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13.233.102.111:8080/swagger-ui/index.html#/

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All Bookmarks

Swagger
Supporting SMARTER

v3/api-docs

Explore

ITIL Application

v3/api-docs

Servers

http://13.233.102.111:8080 - Generated server url

Authorize

register-controller

PUT

/api/users/{id}

POST

/api/users/register

ticket-controller

PUT

/api/tickets/{ticketId}

POST

/api/tickets/{userId}

GET

/api/tickets

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Search

ENG
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20:54
29-11-2025