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**Network Firewall Stateful Rule Group**

Protocol	Source IP	Source Port	Dest. IP	Dest. Port	Action
HTTPS	California IP	Ephemeral Port	10.30.2.2	443	Allow

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**WebServer-ACL Inbound Rules**

Rule	Type	Protocol	Port Range	Source IP	Allow/Deny
100	HTTPS	TCP (6)	443	California IPs	Allow
200	MYSQL	TCP (6)	3306	10.30.1.2	Allow

**WebServer-ACL Outbound Rules**

Rule	Type	Protocol	Port Range	Dest. IP	Allow/Deny
100	HTTPS	TCP (6)	443	California IPs	Allow
200	Custom TCP	TCP (6)	5000-5014	10.30.1.2	Allow

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**WebServer-SG Inbound Rules**

Type	Protocol	Port Range	Source
HTTPS	TCP	443	California IPs
MYSQL	TCP	3306	10.30.1.2

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**DataStore-ACL Inbound Rules**

Rule	Type	Protocol	Port Range	Source IP	Allow/Deny
100	Custom TCP	TCP (6)	5000-5014	10.30.2.2	Allow

**DataStore-ACL Outbound Rules**

Rule	Type	Protocol	Port Range	Dest. IP	Allow/Deny
100	MYSQL	TCP (6)	3306	10.30.2.2	Allow

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**DataStore-SG Inbound Rules**

Type	Protocol	Port Range	Source
Custom TCP	TCP	5000-5014	10.30.2.2

**6 EC2 Configuration:**  
 Windows Server 2022  
 t2.micro  
 1 vCPU  
 1Gb Memory  
 30Gb Storage  
 IP: 10.30.2.2

WebSever Microservices Ports	
Users: 5000	
Map: 5001	
Pins: 5002	
Alerts: 5003	
Reputation: 5004	
Events: 5005	
User Services: 5006	
Upload Picture: 5007	
Logging: 5008	
Sign in/out: 5009	
Registration: 5010	
User Management: 5011	
Analytics: 5012	
UI: 5013	
SQL Data Access: 5014	

**7 RDS Configuration:**  
 Microsoft SQL Server  
 db.m6i.xlarge  
 4 vCPUs  
 16 Gb RAM  
 200 Gb Storage  
 Not publicly accessible  
 IP: 10.30.1.2