AWS diagram

2026-11-19 · `examples/types/aws.json`

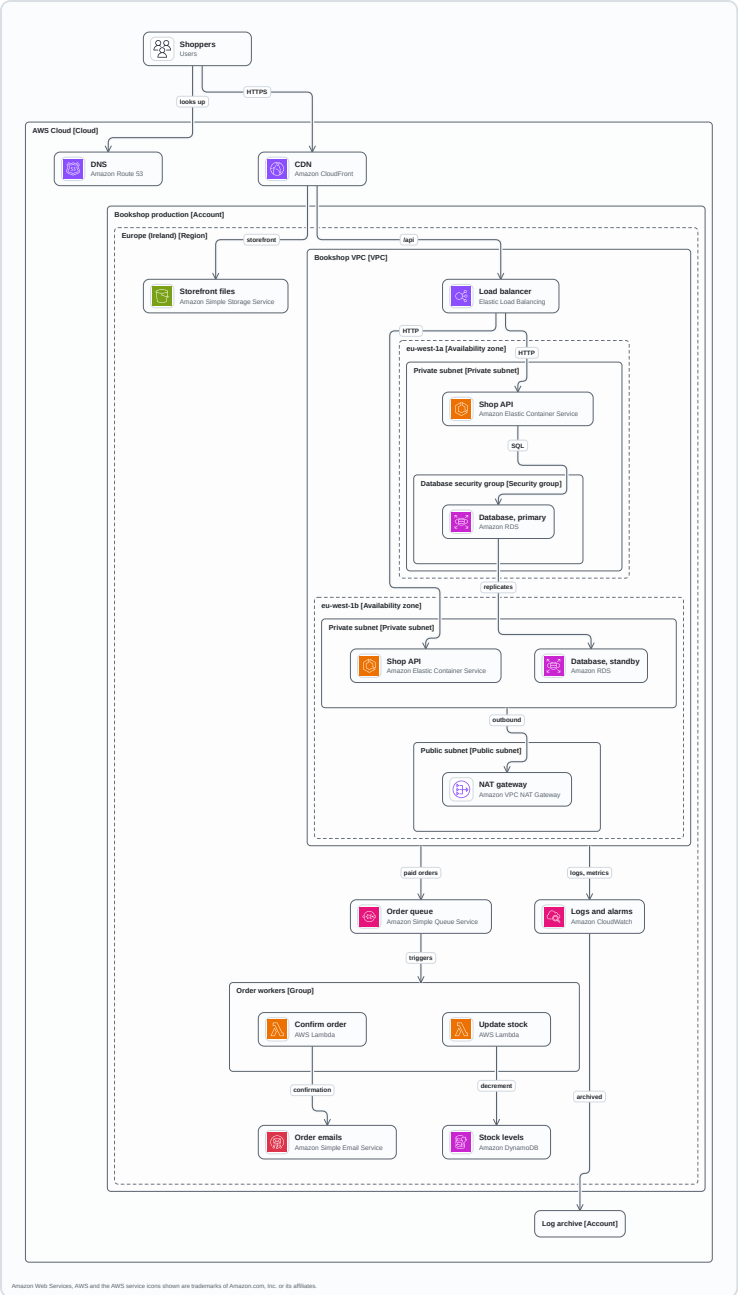
1 view · 28 cards · 15 lines

Contents

The bookshop on AWS 2

The bookshop on AWS

28 cards · 15 lines



Legend **Users** icon Users · **Amazon Route 53** icon Amazon-Route-53
Amazon CloudFront icon Amazon-CloudFront · **Amazon Simple Storage Service** icon Amazon-Simple-Storage-Service
Amazon Simple Queue Service icon Amazon-Simple-Queue-Service · **AWS Lambda** icon AWS-Lambda
Amazon Simple Email Service icon Amazon-Simple-Email-Service · **Amazon DynamoDB** icon Amazon-DynamoDB
Amazon CloudWatch icon Amazon-CloudWatch · **Elastic Load Balancing** icon Elastic-Load-Balancing
Amazon VPC NAT Gateway icon Amazon-VPC_NAT-Gateway
Amazon Elastic Container Service icon Amazon-Elastic-Container-Service · **Amazon RDS** icon Amazon-RDS
Cloud a group, its kind in brackets · **Account** a group, its kind in brackets · **Region** a group, its kind in brackets
Group a group, its kind in brackets · **VPC** a group, its kind in brackets
Availability zone a group, its kind in brackets · **Public subnet** a group, its kind in brackets
Private subnet a group, its kind in brackets · **Security group** a group, its kind in brackets
Connection a request or a flow of data, to the arrow

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Elements 28

Card	Kind	Members
Shoppers	Resource	Users icon Users
AWS Cloud	Cloud	
DNS	Service	Amazon Route 53 icon Amazon-Route-53 in AWS Cloud [Cloud]
CDN	Service	Amazon CloudFront icon Amazon-CloudFront in AWS Cloud [Cloud]
Bookshop production	Account	
Europe (Ireland)	Region	
Storefront files	Service	Amazon Simple Storage Service icon Amazon-Simple-Storage-Service in Europe (Ireland) [Region]
Order queue	Service	Amazon Simple Queue Service icon Amazon-Simple-Queue-Service in Europe (Ireland) [Region]
Order workers	Group	

The bookshop on AWS (continued)

Elements 28 (continued)

Card	Kind	Members
Confirm order	Service	AWS Lambda icon AWS-Lambda in Order workers [Group]
Update stock	Service	AWS Lambda icon AWS-Lambda in Order workers [Group]
Order emails	Service	Amazon Simple Email Service icon Amazon-Simple-Email-Service in Europe (Ireland) [Region]
Stock levels	Service	Amazon DynamoDB icon Amazon-DynamoDB in Europe (Ireland) [Region]
Logs and alarms	Service	Amazon CloudWatch icon Amazon-CloudWatch in Europe (Ireland) [Region]
Bookshop VPC	VPC	
Load balancer	Service	Elastic Load Balancing icon Elastic-Load-Balancing in Bookshop VPC [VPC]
eu-west-1a	Availability zone	
Public subnet	Public subnet	
NAT gateway	Resource	Amazon VPC NAT Gateway icon Amazon-VPC_NAT-Gateway in Public subnet [Public subnet]
Private subnet	Private subnet	
Shop API	Service	Amazon Elastic Container Service icon Amazon-Elastic-Container-Service in Private subnet [Private subnet]
Database security group	Security group	
Database, primary	Service	Amazon RDS icon Amazon-RDS in Database security group [Security group]
eu-west-1b	Availability zone	

Elements 28 (continued)

Card	Kind	Members
Private subnet	Private subnet	
Shop API	Service	Amazon Elastic Container Service icon Amazon-Elastic-Container-Service in Private subnet [Private subnet]
Database, standby	Service	Amazon RDS icon Amazon-RDS in Private subnet [Private subnet]
Log archive	Account	

Lines 15

From → to	Label	Kind
Shoppers → DNS	looks up	Connection
Shoppers → CDN	HTTPS	Connection
CDN → Storefront files	storefront	Connection
CDN → Load balancer	/api	Connection
Load balancer → Shop API	HTTP	Connection
Load balancer → Shop API	HTTP	Connection
Shop API → Database, primary	SQL	Connection
Database, primary → Database, standby	replicates	Connection
Private subnet → NAT gateway	outbound	Connection
Bookshop VPC → Order queue	paid orders	Connection
Order queue → Order workers	triggers	Connection
Confirm order → Order emails	confirmation	Connection
Update stock → Stock levels	decrement	Connection
Bookshop VPC → Logs and alarms	logs, metrics	Connection
Logs and alarms → Log archive	archived	Connection