![aws logo]

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Language: English

Estimate url

Estimate summary

Upfront cost	**Monthly cost**	**Total 12 months cost**
0.00 USD	32.49 USD	389.88 USD
		Includes upfront cost

Detailed Estimate

Name	Group	Region	Upfront cost	Monthly cost
Amazon API Gateway	-	Europe (Stockholm)	0.00 USD	1.06 USD

Status	-
Description:	EcoShower API Gateway
Config summary	HTTP API requests units (millions), Average size of each request (34 KB), REST API request units (millions), Cache memory size (GB) (None), WebSocket message units (thousands), Average message size (32 KB), Requests (1 per month)

Name	Group	Region	Upfront cost	Monthly cost
AWS Lambda	-	Europe (Stockholm)	0.00 USD	0.00 USD

Status	-
Description:	EcoShower Lambda Functions
Config summary	Architecture (x86), Architecture (x86), Invoke Mode (Buffered), Amount of ephemeral storage allocated (512 MB)

Name	Group	Region	Upfront cost	Monthly cost
Amazon DynamoDB	-	Europe (Stockholm)	0.00 USD	0.35 USD

Status	-
Description:	DynamoDB on-demand database for EcoShower project data.
Config summary	Table class (Standard), Average item size (all attributes) (1 KB), Data storage size (1 GB)

Name	Group	Region	Upfront cost	Monthly cost
Amazon Simple Storage Service (S3)	-	Europe (Stockholm)	0.00 USD	1.36 USD

Status	-
Description:	Amazon S3 storage for the EcoShower smart shower system, used to host frontend assets, store logs, and manage uploaded images and system files.
Config summary	S3 Standard storage (5 GB per month), PUT, COPY, POST, LIST requests to S3 Standard (50000), GET, SELECT, and all other requests from S3 Standard (200000), Data returned by S3 Select (1 GB per month), Data scanned by S3 Select (5 GB per month) DT Inbound: Internet (5 GB per month), DT Outbound: Internet (10 GB per month)

Name	Group	Region	Upfront cost	Monthly cost
Amazon CloudFront	-	US East (Ohio)	0.00 USD	2.34 USD

Status	-
Description:	CloudFront CDN for EcoShower web application – accelerating static content delivery and API responses globally
Config summary	Number of requests (HTTPS) (per month), Data transfer out to internet (20 GB per month), Data transfer out to origin (2 GB per month), Number of requests (HTTPS) (500000 per month)

Name	Group	Region	Upfront cost	Monthly cost
Amazon Cognito	-	Europe (Stockholm)	0.00 USD	27.25 USD

Status	-
Description:	Amazon Cognito is used to manage user authentication, authorization, and secure access to the EcoShower system, including login, registration, and token-based identity management.
Config summary	Optimization Rate for Token Requests (0), Optimization Rate for App Clients (0), Advanced security features (Enabled), Number of monthly active users (MAU) (500), Number of token requests (1000), Number of app clients (2)

Name	Group	Region	Upfront cost	Monthly cost
AWS IoT Core	-	Europe (Stockholm)	0.00 USD	0.02 USD

Status	-
Description:	EcoShower IoT device communication using MQTT protocol for real-time telemetry and alerts
Config summary	Number of devices (MQTT) (1), Average size of each message (1 KB), Average size of each record (1 KB), Average size of each record (1 KB), Average number of actions executed per rule (1), Average size of each message (1 KB), Average number of connection minutes for a device (30), Number of messages for a device (3000), Number of Shadow operations for a device (300), Number of Registry requests (50), Number of rules triggered (43200)

Name	Group	Region	Upfront cost	Monthly cost
Amazon Simple Notification Service (SNS)	-	Europe (Stockholm)	0.00 USD	0.11 USD

Status	-

Description:	EcoShower SNS - Real-time user alert notifications for water usage events.
Config summary	DT Inbound: Internet (1 GB per month), DT Outbound: Internet (1 GB per month), Requests (10000 per month), HTTP/HTTPS Notifications (5000 per month), EMAIL/EMAIL-JSON Notifications (2000 per month), Amazon Web Services Lambda (10000 per month), Amazon Kinesis Data Firehose (0 million per month), SQS Notifications (0 million per month), Mobile Push Notifications (10000 per month)

Acknowledgement

AWS Pricing Calculator provides only an estimate of your AWS fees and doesn't include any taxes that might apply. Your actual fees depend on a variety of factors, including your actual usage of AWS services. Learn more