SORACOM

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Why Soracom Fits AWS IoT Deployments

What Can a Cloud-native Solution Built on AWS Do for IoT Deployments?

Overview

AWS users can reduce engineering and operational costs by using Soracom's IoT connectivity. Built on AWS, Soracom natively supports the same cloud technology that your leadership and development teams already trust to manage and secure your data.

Connectivity That Makes Development Easier

Supported across 176 countries, our plans are designed to help your deployment scale, no matter where devices are deployed.

Securely Send Device Data Directly to AWS IoT Over Cellular

Establish direct, secure communication between AWS IoT devices and your AWS IoT platform.

Configure and Manage Private Networks That Span Multiple Carriers

Soracom's virtual private APN functionality enables a single secure private data path between your devices on multiple carrier networks and your private cloud.

Automatic Failover

Avoid downtime by automatically connecting to whichever carrier is strongest in your area of operation during service interruptions

Custom Deployment Pricing

Find plans, coverage, and pricing structures that work for the scale and scope of your deployment

You create. We connect.

The Soracom platform was built on AWS architecture, meaning users will find tools and services designed specifically to work with your AWS stack.

Native Support for Your AWS IoT Library

Native Support for VPC Peering

Get all the functionality of a private APN cloud integration in one simple package. Enable end-to-end private networking between carrier towers and your private cloud within minutes, not months.

Native Support for AWS Cloud Functions

Easily send your data to and through AWS cloud functions and services to rapidly build, deploy, and scale your fleet of connected devices.

Built-in Data Collection and Transfer Adapters to AWS Data Services

Automate data ingestion and transformation to accelerate the integration of IoT data into AWS data storage and services like Amazon S3, Amazon Redshift, and Amazon Kinesis.

Offload Backend Processes For a Smoother Deployment

Integrating AWS with Soracom allows users to automate all sorts of backend processes, taking away much of the heavy lifting of an IoT infrastructure.

Offload Certificate Management and Device Kitting

Connect to your AWS backend by storing SDKs or credentials in the cloud, instead of on devices. Using SIM authentication to dynamically apply credentials limits security risks and allows users to re-route traffic or change integrations without pushing new firmware to devices.

Remotely Provision AWS IoT Credentials and Device Authentication

Streamline remote provisioning of certificates and keys to IoT devices with a Soracom SIM for secure and seamless integration with AWS services that require authentication.

Automatically Convert Lightweight Device Protocols For Use With AWS IoT

Route and translate data from IoT devices using lightweight protocols for AWS IoT cloud services without TLS overhead. Collect binary data while managing device credentials, encryption, and authentication from the cloud then output device data as MQTTS, HTTPS, JSON, and more.

Offload Data Processing and Device Logic to AWS

Collect data from devices for use with AWS SageMaker to process the IoT data being collected and sent to AWS IoT Core, allowing for predictive and prescriptive insights through machine learning models.

For more information, a custom demo or product samples, email sales@soracom.io.

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