

SOLUTION BRIEF

Salt Cloud Connect for AWS: Traffic-Free API Discovery and Governance

Instantly Discover and Secure Your APIs Across AWS – Zero Traffic, Zero Wait

Organizations today depend significantly on APIs to enhance their business processes, especially in dynamic cloud environments such as Amazon Web Services (AWS). However, keeping an up-to-date and complete inventory of these APIs poses a major challenge. This often leads to a lack of clarity, resulting in security vulnerabilities, compliance risks, and operational inefficiencies. Shadow and rogue APIs, particularly in services like AWS API Gateway, can remain unnoticed, increasing your attack surface without your awareness.

Salt Security Cloud Connect for AWS is the first and only traffic-free API discovery solution in the industry, crafted to deliver immediate visibility across your complete API landscape within the AWS ecosystem. With an easy one-click integration, AWS customers can achieve a thorough view of their API Fabric without requiring runtime traffic, agent deployments, or long waiting times.

The Challenge: API Sprawl in AWS

As AWS development accelerates, the proliferation of APIs grows alongside it. Managing this "API sprawl" introduces several challenges:

- **Manual and Incomplete Discovery:** The manual process of identifying and cataloging APIs across various AWS accounts and regions is not only labor-intensive and error-prone but also often incomplete. This includes APIs managed by AWS API Gateway instances, which may lack centralized tracking.
- **Limited Visibility:** Keeping track of the rapid rise in APIs, including those across different AWS services, proves difficult, resulting in shadow APIs (created without proper oversight) and rogue APIs (purposefully ungoverned). This creates substantial security vulnerabilities.
- **Hidden API Gateways:** Teams might inadvertently deploy numerous AWS API Gateway instances across their organization, each possibly hosting many APIs that go unmonitored and unsecured.



Solution: Salt Cloud Connect for AWS

Salt Cloud Connect for AWS provides a groundbreaking, streamlined, and agentless approach to identify, categorize, and secure APIs within your AWS environment. It offers immediate insights, speeds up time to value, and maintains a comprehensive and up-to-date API inventory, encompassing all AWS API Gateway instances and the APIs they oversee.

In minutes following a one-click integration, organizations can acquire a thorough inventory of their APIs and vital security posture insights directly from their AWS setup. Salt Cloud Connect for AWS eliminates the typical hurdles of API discovery by quickly identifying shadow and zombie APIs. This leads to quicker onboarding, easier governance, and prompt time to value.

Key Features and Benefits for AWS Environments:

- **Instant, Agentless API Discovery:** Obtain a comprehensive view of the API Fabric and posture information directly from your AWS infrastructure within minutes. This solution is entirely agentless and does not require runtime traffic analysis, offering immediate insights and exceptional ease of use.
- **Eliminate Critical Blind Spots:** Ensure complete visibility of your API attack surface by uncovering all APIs, including shadow and rogue APIs that can introduce unknown security risks. This process also identifies every instance of AWS API Gateway across all your accounts, ensuring all APIs are effectively managed.

HOST	APIS	TOP RISK S...	SOURCE TYPE	SOURCE	DISCOVERED	LAST ACTIVITY
payments-api.dnssf.com	1 out of 57	5.3	Connect Surface +1	AWS API Gateway +2	Feb 18, 2025	Apr 24, 2025
payments-service	1 out of 23	4.4	Connect Traffic	Azure API Management +1	May 05, 2025	May 05, 2025
mobile-api.dnssf.com	1 out of 11	-	Connect Surface	AWS API Gateway	Feb 03, 2025	Feb 18, 2025
m0wr47jgdd.execute-api.us-east-1...	2	-	Connect	AWS API Gateway	Feb 03, 2025	Feb 03, 2025
zjdho5boda.execute-api.us-east-1.a...	4	-	Connect	AWS API Gateway	Feb 03, 2025	Feb 03, 2025
peyiff0lte.execute-api.us-west-2.a...	4	-	Connect	AWS API Gateway	Feb 03, 2025	Feb 03, 2025

- **Continuous and Automated Inventory:** Your API inventory updates automatically, delivering a thorough and constantly updated overview of your entire API landscape as your AWS environment changes.
- **Simplified Posture Governance:** Swiftly recognize at-risk APIs and track their security posture over time. This enables you to implement and uphold strong API governance while ensuring ongoing compliance with security standards.
- **Secure, One-Click Integration:** Seamlessly connect to your AWS environment using a straightforward integration that utilizes a CloudFormation template. It operates with minimal, read-only permissions to enhance your security posture.



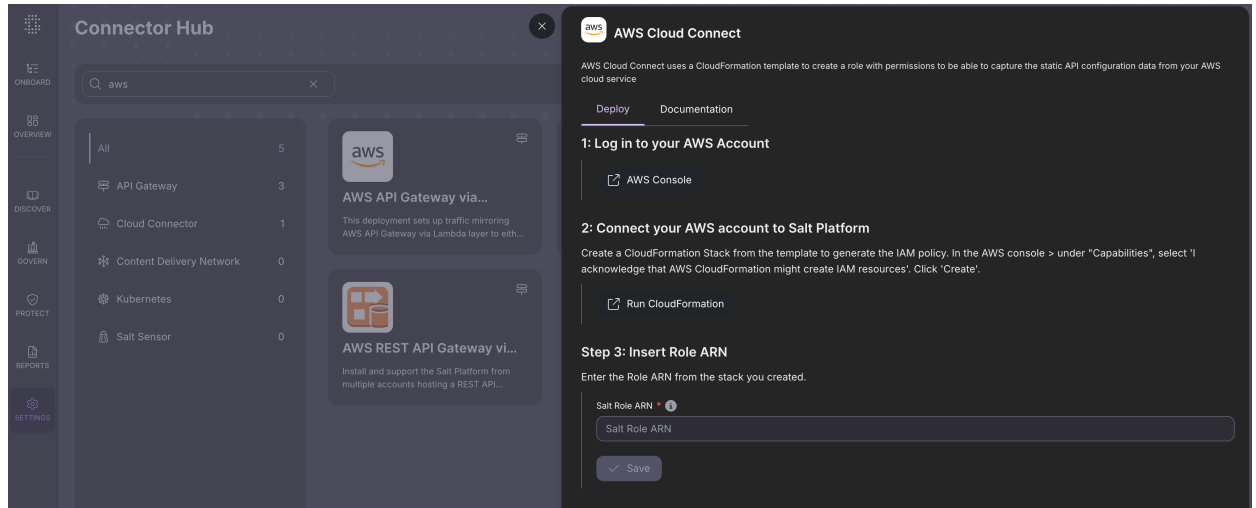
How It Works:

Salt Cloud Connect for AWS utilizes a secure, one-click integration mechanism to

connect to your AWS account(s) with read-only permissions. It directly queries AWS services, including AWS API Gateway, to identify and catalog all APIs without requiring packet sniffing, log analysis, or agent deployment.

This approach ensures rapid discovery and a

comprehensive inventory, allowing security and DevOps teams to act immediately on insights and reduce risk across their AWS infrastructure.



Get Started with Salt Cloud Connect for AWS

Don't wait for a security incident to reveal API vulnerabilities in your AWS environment. Salt Cloud Connect for AWS enables organizations to be agile while ensuring security, streamlining cloud initiatives by eliminating conventional complexities associated with API security. Teams no longer have to wait for traffic analysis or agent deployment; they can immediately act on insights and minimize API risks throughout their AWS infrastructure.

