

RedSeal Cloud

Visualize your multi-cloud inventory and connectivity with maps

Quickly discover and map your entire AWS and Azure infrastructure

RedSeal Cloud is a trusted and proven Cloud-Native Application Protection Platform (CNAPP) offering both security posture assessment and workload protection management capabilities for public cloud environments. Cloud reduces risk by mitigating exposure to threats, vulnerabilities and ransomware and continuously protecting the resources in your AWS and Microsoft Azure clouds. It consistently identifies misconfigurations across these cloud environments based on cloud security best practice benchmarks, common frameworks, and industry standards.

RedSeal Cloud proactively discovers your cloud resources, automatically showing the relationship between these resources, and then provides an in-depth visualization of the topology and hierarchy of your multi-cloud infrastructure, including connectivity between all resources and the internet. The solution then assesses the risk of cloud resources by automatically verifying if cloud resources are exposed to the internet and vulnerable to attack. This is paramount as it uncovers any open ports that enable unintended lateral movement between resources, which is a top cloud threat vector today.

RedSeal Cloud provides a detailed drill down of exposed assets to identify the impacted resources, attack path analysis and precisely how the exposure occurred. Then remediation guidance is provided with ticketing system integration.

As organizations adopt more public cloud services and technologies, the ability to discover, understand and track their existing resources becomes increasingly complex. This becomes more and more difficult in multi-cloud environments, introducing the risk of unknown and insecure assets and services.

How RedSeal Cloud helps you discover and map your cloud environment:

- Accurately visualize your Amazon Web Services (AWS) and Microsoft Azure infrastructure
- Proactively map all of your AWS accounts, Azure subscriptions, VPCs, VNets, gateways, subnets, security groups, and more
- Easily visualize connections between your AWS and Azure resources, including accounts and subscriptions
- Quickly identify changes in your environment with automated cloud inventory reports

RedSeal optimizes your multi-cloud environment with:

- Comprehensive inventory discovery and mapping
- Visualization of connectivity between AWS and Azure clouds
- Drill down capabilities with remediation guidance
- Simple, agentless deployment
- Extensive, customizable reporting
- Seamless integration with ticketing / remediation systems

Using API-based integration, RedSeal Cloud easily discovers all of your AWS and Azure assets and services and groups them accordingly. Cloud automatically groups all accounts under AWS and Azure and all VPCs under their respective accounts and subscriptions, while associated gateways and router functions are associated with the appropriate account, subscription, VPC and VNet levels.

Your security teams save time with immediate groupings of all your AWS and Azure information for quick visibility and validation — without having to perform any manual assessment or organization.

Visualize the scale of your multi-cloud environment

Discover and map all assets in your AWS and/or Azure environment

RedSeal Cloud complements the security tools offered by CSPs by providing details of your resources in one consistent view across multiple cloud environments. It addresses the fundamental questions of 'what services do I have in my clouds' and 'how are my cloud resources connected?' Utilizing an agentless, API-based design, RedSeal Cloud readily discovers all resources deployed in your environment and presents them to you in an intuitive 'single pane of glass' view.

Combined with an agentless implementation, Cloud significantly decreases operations time and expense in managing your cloud inventory while optimizing the security of your infrastructure. RedSeal Cloud's effective inventory management and mapping also assists in capacity planning as your organization expands its cloud-based initiatives.

RedSeal Cloud proactively gathers data to create a tree hierarchy of your public cloud environments that shows an inventory count of assets, including gateways, routers, VPCs, VNets, Kubernetes, and more. RedSeal Cloud shows discovered assets at the AWS account and Azure subscription levels, giving you a high-level view into the scale of your public cloud environment, and then the ability to drill down into any resource for more details. A consistent UI simplifies administration across all your clouds.

Highlight connectivity between AWS and Azure resources and the internet

Easily understand how your cloud resources interact

RedSeal Cloud creates a visual map with links representing the connectivity and paths between AWS and Azure accounts, subscriptions, VPCs, VNets, and the internet. These Cloud Inventory Maps give security teams a quick and clear view of how data flows within their AWS and Azure environments across all accounts and subscriptions so they can easily determine where configuration changes need to be made in order to ensure the highest security posture. Most notably, mapping helps to identify and reduce unnecessary paths between cloud resources that may enable lateral movement and expose critical resources and data.

"Leveraging the automated reporting capabilities, we were able to cut down the time it takes to compile a cloud inventory report by 95%.

As a result, we were able to bring on additional customers, drastically growing our bottom line."

— A popular MSSP