

## REDSEAL CAPABILITIES FOR CLOUD

# Stop Unintended Cloud Exposure in Your Hybrid Network

In today's hybrid networks, security teams face an enormous cloud complexity challenge. They must keep up with a constantly shifting landscape while fully understanding all of the various fabric choices as well as the interconnectivity among public clouds, private clouds, and non-cloud assets.

Breaches often track back to administrative errors and defensive gaps. But to proactively and continuously stop unintended exposure of cloud assets, you need an automated solution to model, analyze, and validate your entire hybrid network environment—all at the speed and scale of cloud—and that is a tall order.

### **Close cloud security gaps with RedSeal**

While cloud-native security tools can see what's in their own purview, they can't possibly understand the entire hybrid environment or how unintended connectivity—created through chains of mistakes made both on premises and in the cloud—is putting cloud resources at risk. Other security tools may be able to see network connectivity, but only if traffic is present. RedSeal is the missing link that closes these and other gaps in your cloud security understanding and controls.



## How RedSeal works

The RedSeal platform identifies all business assets in a hybrid network that are exposed to risks and delivers an unmatched level of network context that helps teams manage those risks efficiently. RedSeal ingests data from more than 125 cloud, networking, and security products—without the need for agents, span ports, or taps, and without consuming NetFlow data or being directly in the path of production traffic.

Combining this data with vulnerability and business insights, it creates a complete asset inventory, models your entire network, and maps all your assets in one dynamic visualization, showing all connectivity and prioritized risks.

## RedSeal benefits for hybrid cloud

### Multi-cloud comes into a single view

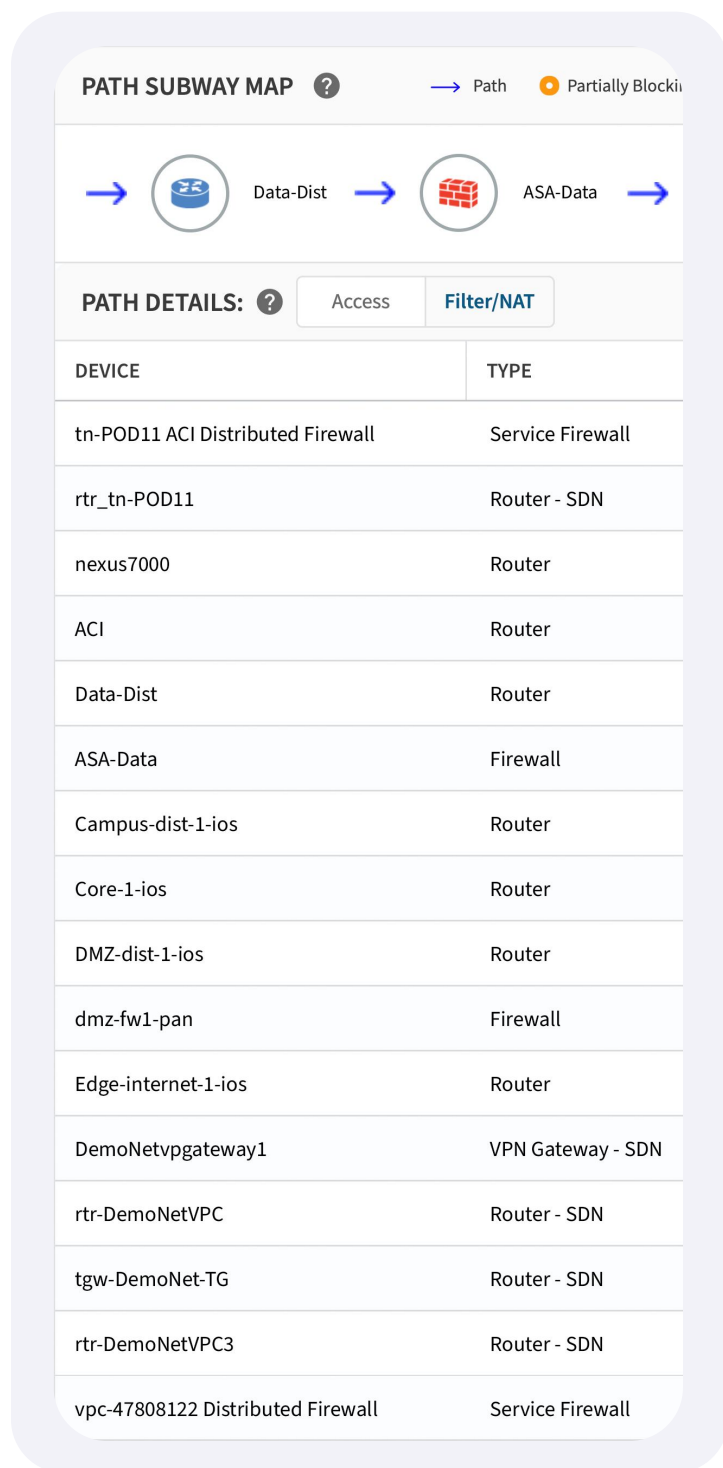
No more siloed views or access issues. In RedSeal, blind spots disappear with all AWS, GCP, OCI, and Azure accounts, as well as VPCs, VNets, gateways, and subnets, and all possible connectivity among them in a single, organized view.

### Continuous compliance is easier

RedSeal can run automated checks for internal and external rules, policies, and regulations across your entire hybrid environment and notify you immediately when a compliance issue or vulnerability impacts your cloud assets. RedSeal can also reveal forgotten or unauthorized cloud resources (rogue services or shadow IT).

### Cloud security is more proactive and efficient

Ready to answer any question with helpful details, RedSeal prioritizes all risks for your team and pinpoints the exact cloud controls to change to block any unauthorized access. It also identifies rules for cloud assets that are weak and shows you the precise chain of mistakes made across load balancers, gateways, firewalls, security groups, service chains, and more.



*RedSeal uncovers detailed paths across multiple network fabrics, e.g., from ACI to on premises and out through the internet to AWS.*

## Realize immediate value with RedSeal

On day one, RedSeal can tell you which cloud assets are exposed to the internet and provide specific information about security controls and remediation options, from security groups to the ports and protocols controlling the access allowing the exposure. You can be sure that the only assets exposed to the outside are those that are necessary—no more dangling resources.

When building your network model, RedSeal also includes service chaining to ensure it reflects your organization's unique requirements. RedSeal invests heavily in its technology integrations, offering support for Next Generation Firewalls (NGFW), load balancers, and other service chain products from industry-leading brands, such as Amazon, Cisco, Google, and Microsoft.

## Level-up your cloud security

Designed to be a single source of truth for teams that need to work smarter and faster together, RedSeal brings next-level visibility and security to today's complex hybrid environments. With a unified, interactive view of your entire network and the ability to drill into any issue and get immediate insight, you'll be ready to protect your cloud assets from internal and external threats the moment they arise. Contact us today to learn how we can help your organization take cloud security to the next level.

## Just a few of the cloud security questions RedSeal can answer

### Prevention

- Which cloud resources are unintentionally exposed or deliberately exposed and vulnerable?

### Mitigation

- What ACLs or other rules can be put in place to block unintended exposure?
- How do we validate our east-west network segmentation policies to limit the blast radius after a breach?
- Where is a vulnerable or breached endpoint located, and how can I quickly remove it from the network?

### Compliance

- How are we conforming to cloud security best practices and maintaining compliance with industry regulations?

**[Contact RedSeal for more information or request a demo today.](#)**