

SECURING THE HYBRID CLOUD: SAFE-T AND STRATOSCALE CREATE THE NEW SOFTWARE-DEFINED PERIMETER



STRATOSCALE



SAFE-T
Accelerating Safe Business

The cloud paradigm enables enterprises to accelerate and boost application innovation, while meeting business and technical goals. IaaS and PaaS have proven to offer enterprises elasticity, flexibility, scale-out capabilities and short time-to-market.

Indeed, IT organizations are continuously shifting their focus and efforts to provide the right building blocks to deliver scalable and reliable infrastructure as well as easy-to-use services.

But, the adoption of an 'all-in' cloud strategy bares significant challenges as enterprises are required to align on-prem and cloud strategies while managing various types of applications, both cloud-native and legacy, as well as data.

Symphony enables IT organizations to balance flexibility and control with a single pane of glass that effectively manages all resources.

Leveraging commodity hardware (any x86 server) as well as storage appliances maximizes the value of existing infrastructure and eliminates hardware vendor constraints to easily accommodate specific application and development needs going forward.

With the software-defined data center acting as a fully-compatible cloud region, enterprises should recalibrate the way they expose services. Instead of statically exposing and publishing services to the internet, and then layering security measures to prevent unauthorized access and prevent attacks, IT teams should evolve their software-defined data center perimeter, and expose services on-demand and only to authenticated users. Essentially hiding services from the Internet until it is absolutely necessary to allow someone to access them.

SAFE-T AND STRATOSCALE PARTNER TO BOOST HYBRID SECURITY

Safe-T and Stratoscale have recently partnered to allow Symphony customers to enhance their existing on-prem software-defined cloud region with software-defined perimeter (SDP) capabilities. Customers can now seamlessly deploy Safe-T's Secure Data Access (SDA) solution as an integral part of the Symphony-governed environment.

Safe-T's SDA solution is a disruptive, breakthrough and patented dual node secure reverse-access technology, which removes the need to open any ports within a firewall, enabling applications to securely communicate across different networks (through the firewall).

By deploying SDA in a SDP architecture within on-prem environment, IT teams can now design and deploy an on-demand virtual perimeter which creates and manages access rules for authenticated users into applications and services (such as HTTP/S, RDH5, NTFS). The creation process is fully automated and dynamic, preventing unauthorized users from accessing on-prem cloud services.

The perimeter design provides a robust remote access suite for users and partners, for internal services including web, RDP, NTFS, email, and many more. The solution is clientless and does not require the user to install any additional software and does not require VPN.

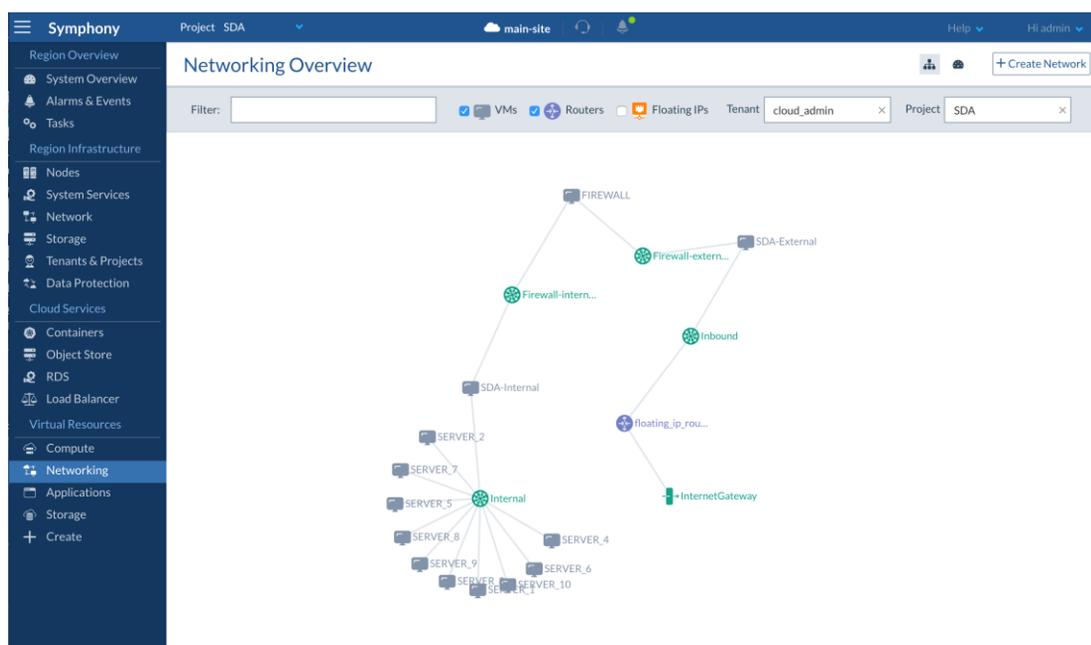


Figure 1:
Safe-T SDA deployed within Stratoscale Symphony

SAFE-T AND STRATOSCALE PARTNER TO BOOST HYBRID SECURITY (CONT.)

The On-Demand perimeter offers admins and tenants simple management capabilities:

1. Log into the Safe-T SDA External's Forefront component, a dedicated and secure portal
2. Authenticate to the service using third party IAM solutions, Microsoft Active Directory, SAML, OTP, etc.
3. Select the application which should be accessed
4. The Safe-T SDA External's Forefront component instructs the Internal SDA unit to configure a reverse-access rule for the specific user to the specific application, and redirects users to the new published URL/IP
5. User can now access the newly published service
6. Once the user disconnects from the service, the reverse-access rule is removed

BENEFITS:

- Seamless integration with Stratoscale Symphony
- Support any type of application or service
- Hide enterprise services from the Internet
- Only authenticated users access the service
- Prevent DDoS attacks on protected services
- Simple and easy application access
- Reduce client-server VPN overhead
- Block network access, allow application access

About Stratoscale

Stratoscale is the cloud infrastructure company, allowing anyone to deploy an AWS-compatible region in any data center. Stratoscale Symphony, can be deployed in minutes on commodity x86 servers, creating an Amazon Web Services (AWS) compatible region and offering AWS-compatible services including EC2, S3, EBS, RDS, ELB and Kubernetes. Stratoscale was named a "Cool Vendor in Servers and Virtualization" by Gartner and raised over \$70M from leading investors including: Battery Ventures, Bessemer Venture Partners, Cisco, Intel, Qualcomm Ventures, SanDisk and Leslie Ventures.

About Safe-T

Safe-T® Data is the provider of solutions designed to mitigate attacks on business-critical services and data for a wide range of industries, including: financial, healthcare, government, etc.

Safe-T's High-risk Data Security (HDS) Solution mitigates data threats: unauthorized access to data, services, networks, or APIs; as well as data related threats, including data exfiltration, leakage, malware, ransomware, and fraud. Companies and Governments around the world trust Safe-T to secure their data, services, and networks from insider and external data threats. Focused on providing security solutions for the enterprise market, Safe-T enables organizations to benefit from enhanced productivity, efficiency, heightened security, and improved regulatory compliance. Safe-T operates in North America, APAC, Africa, Europe, and Israel.

To see how Stratoscale Symphony transforms your data center into an on-prem AWS-compatible region contact us: sales@stratoscale.com

For more information visit:

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