Deployment Models for Zero Trust Cloud

SOLUTION BRIEF

In today's fast-paced digital world, organizations face increasing challenges in managing and securing their cloud environments. Firewall based legacy architectures are proving inadequate, resulting in inconsistent threat protection, heightened attack surfaces, increased operational complexity, and escalating costs.

Zero Trust Cloud

Zscaler Zero Trust Cloud offers a groundbreaking cloud workload security solution designed to tackle modern challenges by enabling simplified, secure, and scalable cloud infrastructure operations. Powered by the Zero Trust Exchange™ platform, Zero Trust Cloud introduces a zero-trust architecture to securely connect and protect workloads in the public cloud.

With Zero Trust Cloud, organizations can eliminate lateral threat movement, enhance operational efficiency, and ensure consistent protection against cyber-attacks while safeguarding sensitive data across workloads.

Zero Trust Cloud is delivered in two deployment options.

1. Virtual Machine (VM) managed by the customer
2. Zero Trust Gateway managed by Zscaler

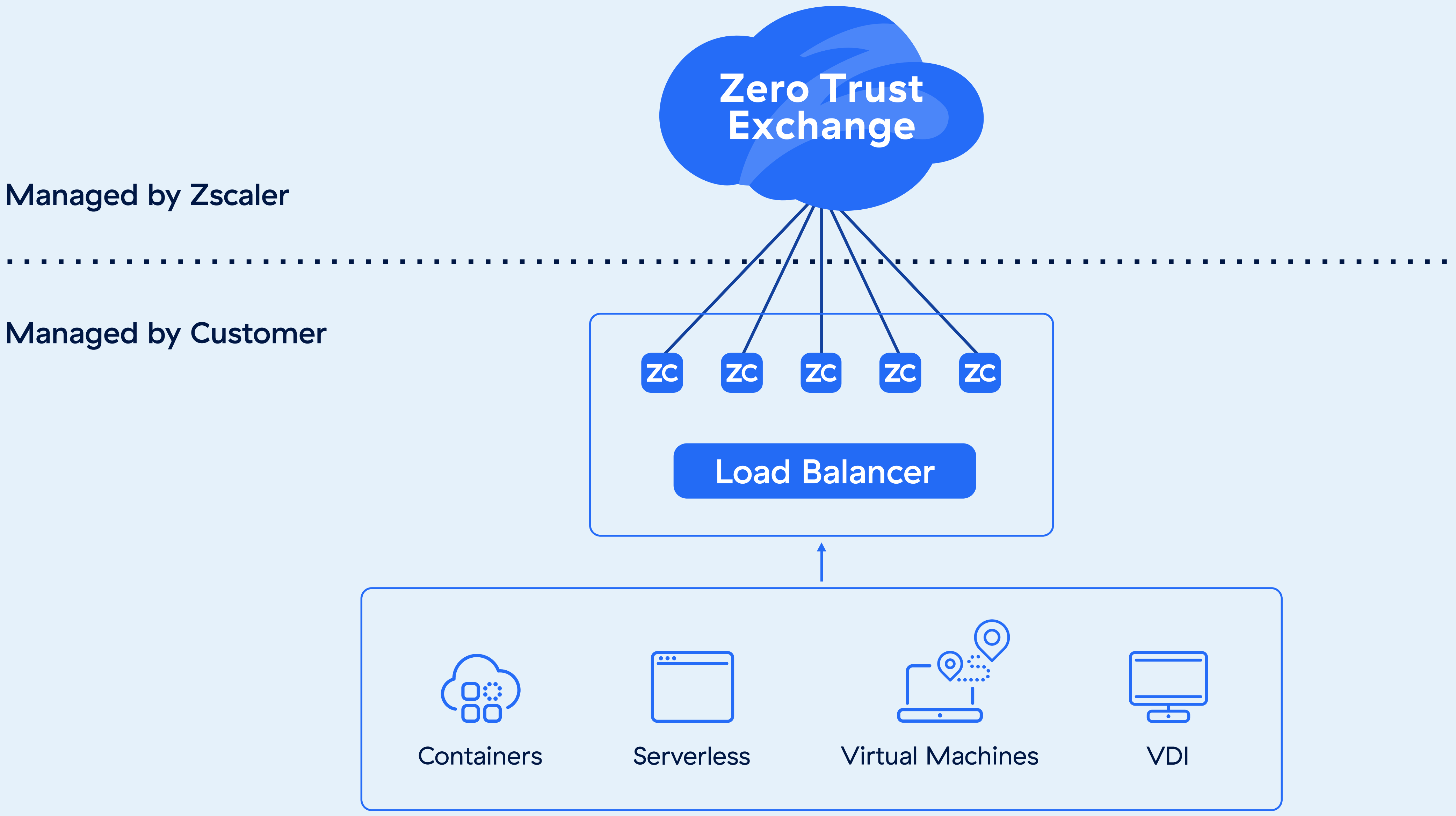
Virtual Machine Managed by Customer

Zero Trust Cloud connectors are available in virtual machine form factors that you can deploy within your Public Cloud infrastructure.

Take full control of your cloud infrastructure by owning every aspect of its management and operations. With complete ownership of the end-to-end lifecycle, you can proactively handle tasks such as upgrades, patches, and ongoing maintenance to ensure your environment remains secure and up to date. This hands-on approach empowers organizations to tailor their infrastructure to meet specific needs and optimize performance. By prioritizing high availability and reliability, you can safeguard your systems against downtime and disruptions, delivering a seamless experience for users and maintaining critical business continuity.

With the Virtual Machine option you can –

- Gain centralized control over your cloud infrastructure operations with lifecycle management for upgrades and patches.
- Opt for proactive measures to ensure infrastructure enjoys high availability and fault tolerance, all managed by Zscaler.



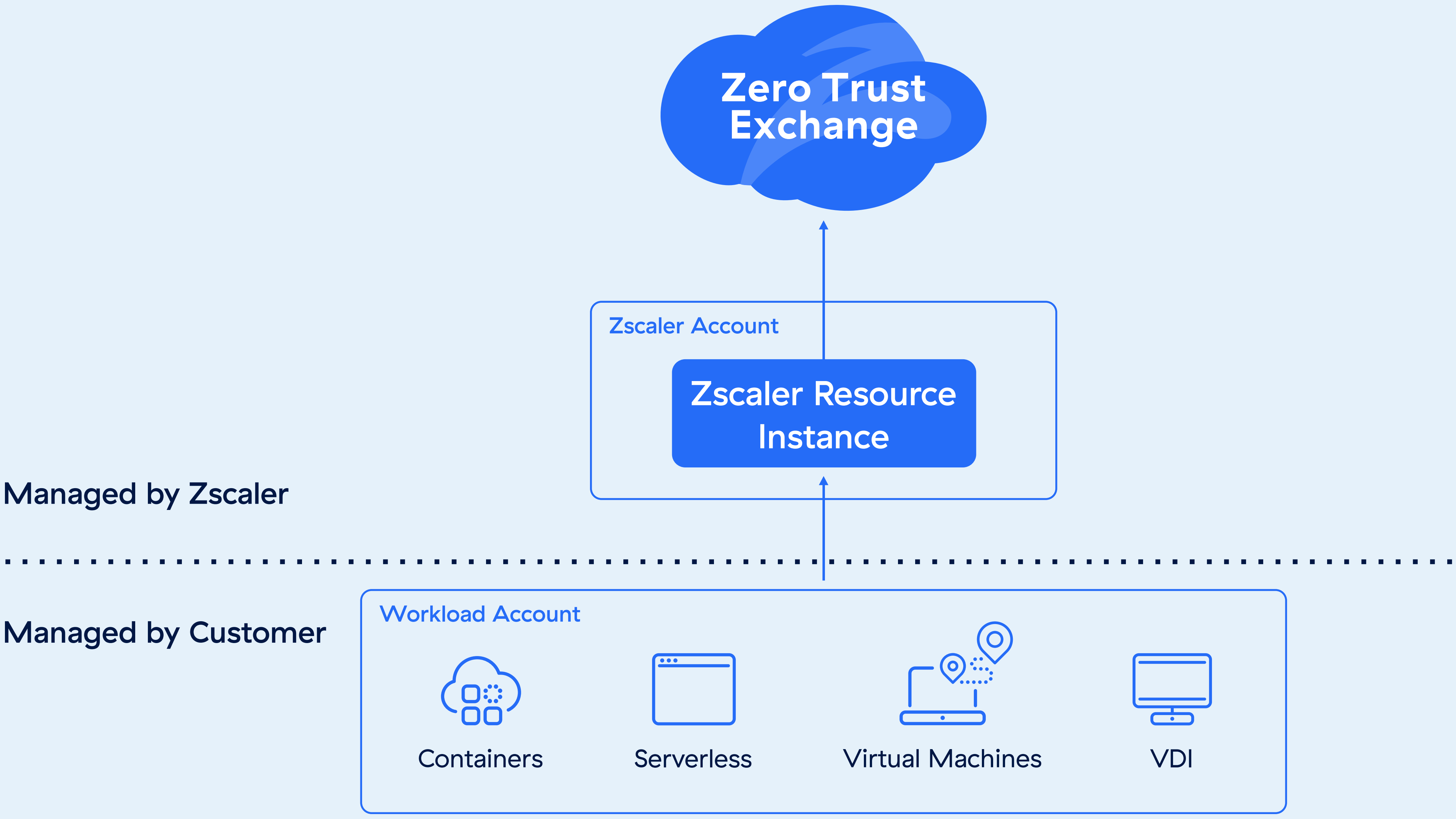
Zero Trust Gateway Managed by Zscaler

Driven by strong customer demand to consume Zero Trust Cloud as a managed service, Zscaler developed this deployment model. This approach ensures high availability, scalability, and resilience—all fully managed by Zscaler. It allows customers to focus on managing security policies rather than deploying and maintaining security infrastructure.

In this mode, the infrastructure operations lifecycle is entirely overseen by Zscaler, ensuring seamless management and reducing operational complexity. By leveraging Zscaler's advanced architecture, organizations can minimize or even eliminate the need for additional cloud services, such as NAT Gateway, significantly cutting costs and simplifying deployments. High availability and fault tolerance are natively handled by Zscaler, providing resilient, uninterrupted performance without user intervention. Moreover, the deployment process is streamlined and secure, as it eliminates the requirement for resource access credentials like IAM roles or secret keys, reducing potential attack surfaces while maintaining ease of use and efficiency.

With the Zero Trust Gateway you can –

- Simplify your operations lifecycle without depending on resource access credentials, such as IAM roles or secret keys, for deployment.
- Reduce complexity by minimizing or removing the need for additional cloud-native services such as NAT Gateways, while maintaining optimal performance.



Benefits of Zero Trust Cloud

Eliminate Lateral Movement. Enforce least privilege access, cloud workloads and applications are connected only to authorized workloads, avoiding direct connectivity to the network.

Reduce Operational Cost and Complexity. Zscaler simplifies cloud workload security by replacing multiple security point products with one unified platform that secures workloads across all major cloud service providers, including AWS, Azure, and GCP.

Enable Consistent Threat and Data Protection. Elevate your cloud workload security by adhering to zero trust principles. Customers benefit from advanced security features like workload communication protection, zero-day attack prevention, and cloud-scale TLS inspection.

Transform your cloud operations today with Zero Trust Cloud —because securing workloads should be simple, reliable, and built for the future.

About Zscaler

Zscaler (NASDAQ: ZS) accelerates digital transformation so customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange™ platform protects thousands of customers from cyberattacks and data loss by securely connecting users, devices, and applications in any location. Distributed across more than 150 data centers globally, the SSE-based Zero Trust Exchange™ is the world's largest in-line cloud security platform. Learn more at **zscaler.com** or follow us on Twitter **@zscaler**.

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