

Zscaler Private Access (ZPA) for RISE with SAP

Key Benefits

Streamlined access during cloud migration to RISE with SAP: ZPA provides consistent user access to SAP apps during migration to RISE with SAP.

Secure remote access without VPNs: The integration delivers secure SAP connectivity to employees and partners from any location, without requiring a VPN.

Native ZPA App Connector provisioning: ZPA application connectors are provisioned inside RISE with SAP (S/4HANA – PCE) customer environments. The cloud native deployment simplifies the initiation of secure outbound connections to Zscaler’s Zero Trust Exchange™, offering more efficient resource utilization, self healing, and lower overhead.

Data Protection and regulatory compliance: Zscaler ZTE’s unified data protection capabilities offers comprehensive visibility and control over sensitive information in SAP applications, enabling organizations to monitor and protect data effectively and ensuring compliance with regulations like GDPR, HIPAA, and others.

Deliver consistent employee and partner access to SAP apps from any location as you migrate to RISE with SAP

The Challenge

SAP products are software solutions that help businesses manage their core processes, enabling them to function smoothly. Due to their business critical functions, SAP solutions contain sensitive business data, and therefore are looked upon as high value

targets by cybercriminals. A compromised SAP application can negatively affect production, financial reporting, and service delivery causing significant financial losses, reputational damage, or regulatory fines.

Today’s hybrid workforce requires remote access to SAP applications. Most organizations lean on legacy network access solutions like VPNs to enable this. However, VPNs are insecure by design and not optimal for accessing SAP apps from any location.

To make matters worse, organizations that run on legacy on-prem SAP systems today are up against a forbidding deadline. SAP ECC is due to go to the end of life by 2027. Needless to say, a carefully planned migration from legacy SAP systems to cloud-based S/4HANA and RISE with SAP is fast becoming a priority for IT and business leaders.

To actualize a secure SAP migration and business transformation journey, organizations must consider modernizing remote access by adopting a zero trust access framework with advanced data protection capabilities.

The Solution

Zscaler Private Access (ZPA) for RISE with SAP

Zscaler Private Access™ (ZPA) can streamline access to all SAP applications, no matter where they are in their migration journey. As part of a groundbreaking new integration, we've been certified by SAP as the only cybersecurity vendor to natively integrate our zero trust access service within RISE with SAP.

We've achieved this by provisioning ZPA natively inside a SAP customer's RISE cloud environment to deliver fully compliant zero trust connectivity. Hosted by SAP, the natively integrated ZPA service creates outbound connections to the Zscaler Zero Trust Exchange™ delivering direct user-to-app access to both employees and partners.

ZPA follows a unique inside-out connectivity model, dynamically brokering an exclusive policy-based connection between the user and the SAP application. Additionally, the integrated data protection capabilities of the Zero Trust Exchange help RISE with SAP customers protect critical SAP data ensuring compliance with various regulatory standards like GDPR, HIPAA, and others from within a SAP-managed and hyperscaler-hosted private cloud operating environment.

Fully managed by SAP, the ZPA for RISE secure access service creates outbound connections to the Zscaler Zero Trust Exchange (ZTE)—an intelligent switchboard and policy engine, delivering direct, policy-based access to SAP applications.

ZPA follows a unique inside-out connectivity model, dynamically brokering secure policy-driven connections directly between users and specific SAP applications by segmenting the user and the specific app they need to access, without ever exposing the application to the public internet. Moreover, Zscaler's unified data protection platform offers comprehensive visibility and control over sensitive information, playing a pivotal role in securing SAP applications and ensuring compliance with various regulatory standards like GDPR, HIPAA, and others.

The Zscaler ZTE's integrated capabilities help RISE with SAP customers enable secure access while maintaining a robust security posture that safeguards critical data within SAP applications in adherence to regulatory requirements.

How It Works

Client-Based Zero Trust Access with ZPA for RISE with SAP

Zscaler offers a unique differentiator unlike other similar solutions in the industry, specifically for RISE with SAP private cloud (PCE) deployments by provisioning Zscaler Private Access (ZPA) Application Connectors directly inside a SAP customer's RISE (PCE) environment. The App Connectors provide a secure outbound connection from the RISE with SAP customer's network to the Zscaler cloud. Serving as a secure gateway, they enable access to a SAP application by establishing an encrypted outbound TLS (Transport Layer Security) connection to Zscaler's Zero Trust Exchange (ZTE).

This connection ensures that no inbound access or public IPs are required to connect a user to the SAP application. The outbound nature of the connection is a critical security feature that minimizes exposure to potential threats. By routing traffic only between the specific user and the application, the ZPA service prevents direct, unsecured access. Applying user-to-app microsegmentation, it isolates each user's access from others, adhering to a zero trust security model.

Browser-Based Zero Trust Access with ZPA for RISE with SAP

ZPA also offers browser-based access to SAP applications for third-party users, contractors, or SAP users who may be using unmanaged devices to gain access. In such scenarios, ZPA's browser-based access capability securely connects a user to the specific requested SAP application via a specific URL, without requiring to install the ZCC client on the user's device.

Prevent SAP Data Exfiltration

The integrated data protection capabilities of the Zero Trust Exchange help RISE with SAP customers protect critical SAP data from exfiltration ensuring compliance with various regulatory standards like GDPR, HIPAA, and others.

In addition to that, Zscaler's Cloud Browser Isolation (CBI) allows third parties to securely access SAP applications through a cloud-hosted virtual browser, streaming only safe visual content to their devices. It enforces Zero Trust policies with read-only access, prevents downloads/uploads, masks sensitive data, and ensures no code executes on unmanaged devices. This enables secure, controlled access without exposing the network or risking data leaks.

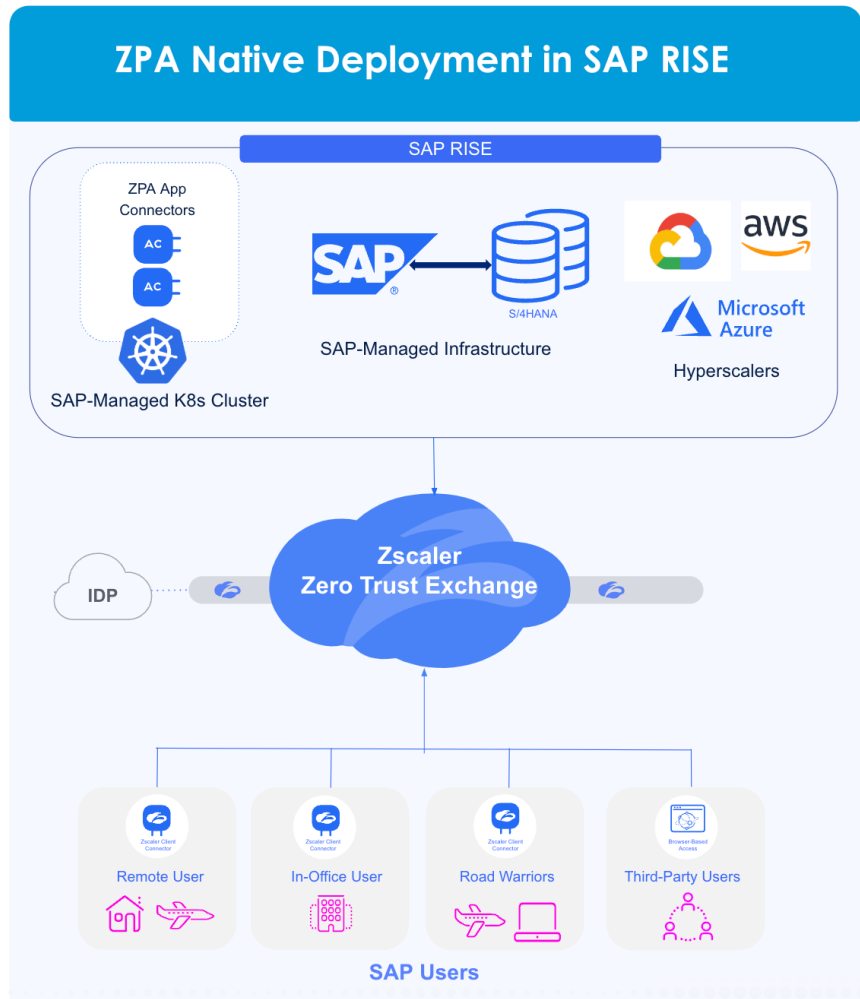


Figure 1. ZPA is natively deployed in RISE with SAP environments.

Solution Highlights

- **Truly cloud native by design:** Foundationally cloud native by design and therefore easy to scale for a growing SAP user base with RISE with SAP private cloud deployments.
- **Zero trust access:** Allows authorized SAP enterprise users to connect only to approved business-critical resources, not the network, an impossible feat with traditional network-centric VPNs, even when they are cloud-delivered.
- **User to app segmentation:** Autogenerates app segmentation recommendations based on user access patterns and enforces granular user-to-app access policies based on zero trust.
- **Full inline traffic inspection and data loss prevention:** Performs inline security inspection of the entire SAP application payload to identify and block known and unknown threats, while protecting business critical data.

[Learn more about ZPA for RISE with SAP >](#)

 | Experience your world, secured.™

Zscaler (NASDAQ: ZS) accelerates digital transformation so that customers can be more agile, efficient, resilient, and secure. The Zscaler Zero Trust Exchange 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 inline cloud security platform. Learn more at zscaler.com or follow us on Twitter [@zscaler](https://twitter.com/zscaler).

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