



# Silverfort and Zscaler's Adaptive Access Engine Integration

Dynamically enhance every access decision with Silverfort and Zscaler's real-time risk signal exchange

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Organizations struggle to maintain real-time visibility into their users' risk and threats across fragmented environments. Siloed security tools and inconsistent signals limit visibility into identity-based threats like credential misuse and lateral movement.

Without unified risk intelligence, access decisions may be based on incomplete or outdated information, leaving critical security gaps. To address this challenge, Zscaler and Silverfort developed an integration that shares real-time risk signals from Silverfort to Zscaler to enhance dynamic and contextaware access enforcement.

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## Real-time risk signal sharing between Silverfort and Zscaler

Through the integration between Silverfort and Zscaler, organizations can now enforce smarter real-time access decisions based on dynamic user risk. By delivering live identity risk signals from Silverfort to Zscaler's Adaptive Access Engine, organizations can ensure that access policies reflect a user's current risk level and not just static attributes or pre-defined roles.

This continuous risk awareness allows Zscaler to automatically tighten or revoke access when suspicious activity is detected. Additionally, the Adaptive Access Engine can also require a user to re-authenticate with their IdP; for example, Entra ID. This includes abnormal authentication patterns or signs of credential compromise.

Together, Silverfort and Zscaler provide a unified approach to identity and network access security by extending complete visibility and access control across hybrid environments.

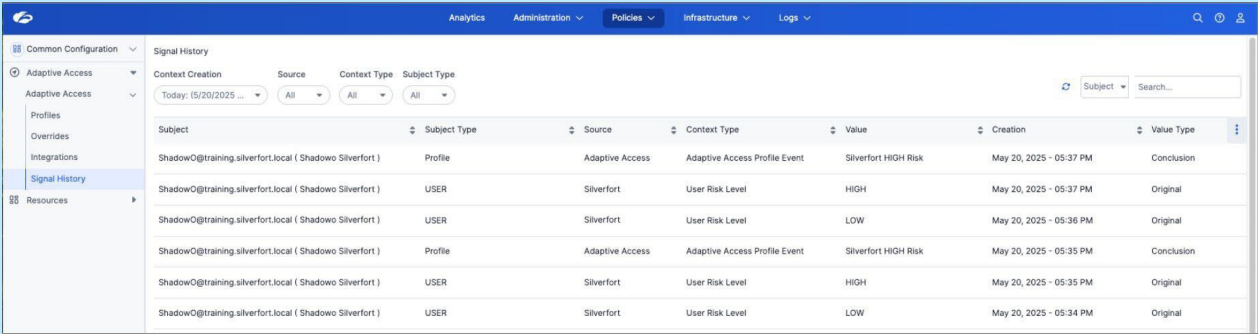
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## How Silverfort and Zscaler's integration works

The joint integration is built on top of the Shared Signals Framework, an open standard that enables security systems to exchange real-time security event information. As part of this integration, Silverfort acts as a Shared Signals Transmitter, supporting the CAEP RiskChange event.

When Silverfort detects a change in a user's risk posture, such as unusual authentication behavior, credential compromise, or lateral movement attempts, it immediately sends a RiskChange event to Zscaler via the framework. These dynamic risk signals are ingested by Zscaler's Adaptive Access Engine, which can then automatically adjust access policies in real time, enforcing step-up authentication, session restrictions, or blocking access entirely.

With continuous risk data flow to Zscaler, access decisions are always based on the most up-to-date identity and risk intel, dramatically reducing response time to emerging threats and enhancing the organization's security posture.



Context Creation	Source	Context Type	Subject Type	Subject	Subject Type	Source	Context Type	Value	Creation	Value Type
				ShadowO@training.silverfort.local ( Shadow Silverfort )	Profile	Adaptive Access	Adaptive Access Profile Event	Silverfort HIGH Risk	May 20, 2025 - 05:37 PM	Conclusion
				ShadowO@training.silverfort.local ( Shadow Silverfort )	USER	Silverfort	User Risk Level	HIGH	May 20, 2025 - 05:37 PM	Original
				ShadowO@training.silverfort.local ( Shadow Silverfort )	USER	Silverfort	User Risk Level	LOW	May 20, 2025 - 05:36 PM	Original
				ShadowO@training.silverfort.local ( Shadow Silverfort )	Profile	Adaptive Access	Adaptive Access Profile Event	Silverfort HIGH Risk	May 20, 2025 - 05:35 PM	Conclusion
				ShadowO@training.silverfort.local ( Shadow Silverfort )	USER	Silverfort	User Risk Level	HIGH	May 20, 2025 - 05:35 PM	Original
				ShadowO@training.silverfort.local ( Shadow Silverfort )	USER	Silverfort	User Risk Level	LOW	May 20, 2025 - 05:34 PM	Original

## Key Benefits

### Risk-based access control

Reduce exposure to active threats by instantly adjusting user access based on identity risk signals.

### Enhanced threat response

Automatically enforce strict access policies when risky behavior is detected.

### Stronger Zero Trust enforcement

Continuously validate trust based on user behavior and identity signals, not just static credentials.

### Get unified visibility across environments

A centralized view of identity and access risk across cloud, on-prem, and hybrid environments.

### Operational efficiency

Streamline policy enforcement by integrating identity intelligence directly into Zscaler's access control decisions.

## About Silverfort

Silverfort secures every dimension of identity. We deliver end-to-end identity security that is easy to deploy and won't disrupt business operations, resulting in better security outcomes with less work. Discover every identity, analyze exposures, and enforce protection inline to stop lateral movement, ransomware, and other identity threats.