Silverfort | PingIdentity.

Bridging On-Prem Authentication with PingFederate

Extend PingFederate security controls to on-prem resources with Silverfort's bridge, applying access policies across hybrid environments.

Silverfort's PingFederate Bridge enables organizations to implement PingFederate web SSO flows to on-prem applications within their PingFederate environment and apply security controls to these resources. Enterprises gain real-time protection against identity-based attacks utilizing compromised credentials to access enterprise on-prem or cloud resources. Silverfort bridge allows organizations to extend authentications with PingFederate, enabling better visibility into their users' and resources' activities across web and on-prem applications.

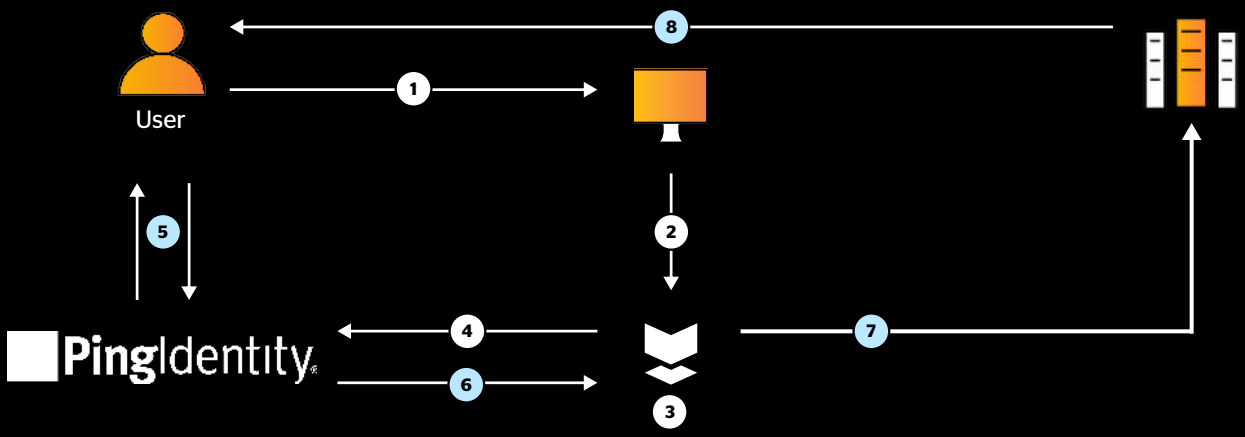
Bridging legacy resources

PingFederate security controls can be extended using Silverfort bridging, while access policies can be applied to any resource on-prem or in multi-cloud environments. This enables organizations to apply strong modern identity security controls to all resources. By enforcing new security measures with Silverfort, organizations can take proactive measures against incoming cyber threats such as lateral movement attacks.

How does Silverfort's PingFederate bridge work

Silverfort seamlessly bridges any type of authentication (legacy apps, command-line tools, and more) into PingFederate as if it were a modern web application. With Silverfort's PingFederate bridge, customers can create enterprise application objects representing the on-prem resource in PingFederate and views this object as a SaaS app like any other cloud-based application. In PingFederate, configure an access policy for the application object that can utilize PingFederate's security controls and PingID MFA. By creating and applying the policy to each bridged on-prem resource, organizations will consolidate hybrid resources. Once the authentication and access policies have been configured, Silverfort monitors and protects attempts to access resources. All bridged applications can now be managed, monitored, and protected in PingFederate.

Enabling the PingFederate bridge



1. User initiates an authentication to on-prem resources (to Active Directory) and sends Active Directory (AD) a request to access the resource.
2. AD forwards the request to Silverfort.
3. Silverfort evaluates the authentication and decides whether to allow, trigger MFA, or block.
4. If Silverfort triggers MFA, Silverfort sends the access request to PingFederate.
5. PingFederate evaluates the authentication based on set policy and sends the MFA request to the user.
6. After user's identity verification, PingFederate forwards the verdict to Silverfort.
7. Silverfort accepts the verdict and forwards it to AD.
8. AD sends the response to the user to either allow the authentication or block it.

Key benefits

Unified Policy Enforcement

Secure on-prem environments and resources with PingFederate policies via Silverfort, reducing identity-based risks.

Seamless User Experience

Provide users with a consistent and familiar experience when accessing any resource, both on-prem and in the cloud.

Protect the 'Unprotectable'

Extend PingFederate MFA and access policies to any resource, including on-prem servers, legacy apps, IT infrastructure, and command-line tools.

Hybrid Attack Protection

Detect and prevent advanced lateral movement attacks that connect between the on-prem and cloud environments.

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.