



PINGACCESS AND F5 BIG-IP



F5
SOLUTION BRIEF

REDUCING THE TCO OF FEDERATED ACCESS MANAGEMENT

Installing a federated access management solution gives you powerful security for your enterprise, mobile, cloud and SaaS applications—and a good experience for your users. Deploying these solutions has typically meant installing an agent on every web server in your infrastructure, increasing installation, upkeep and management costs. Ping Identity and F5 have partnered to give you a new way to deploy strong access management without the hassle.

The integrated PingAccess and PingFederate solutions deliver strong security and simplify IT administration by allowing you to apply and centrally manage access policies for all your cloud, mobile and on-premises applications. By harnessing open standards like SAML, OAuth and OpenID Connect, Ping solutions give end users the convenience of secure web single sign-on (SSO) to any resource using their existing network credentials. F5 has simplified deployment of

these resources by building the PingAccess agent directly into F5 Big-IP hardware. Your network team no longer has to deploy and manage a large number of agents.

HOW PINGACCESS AND F5 WORK TOGETHER

PingAccess delivers its policy administration capabilities using the Policy Administration Point (PAP) and its Policy Decision Point (PDP). Like all centralized access management solutions, PingAccess requires a Policy Enforcement Point (PEP) to enforce the policies it has defined. F5 has built the PingAccess agent, which acts as the PEP, directly into the F5 Big-IP Application Delivery Controller (ADC) Access Policy Manager (APM) module. With this F5 solution, you can deploy PingAccess faster and without added effort from your network security team.

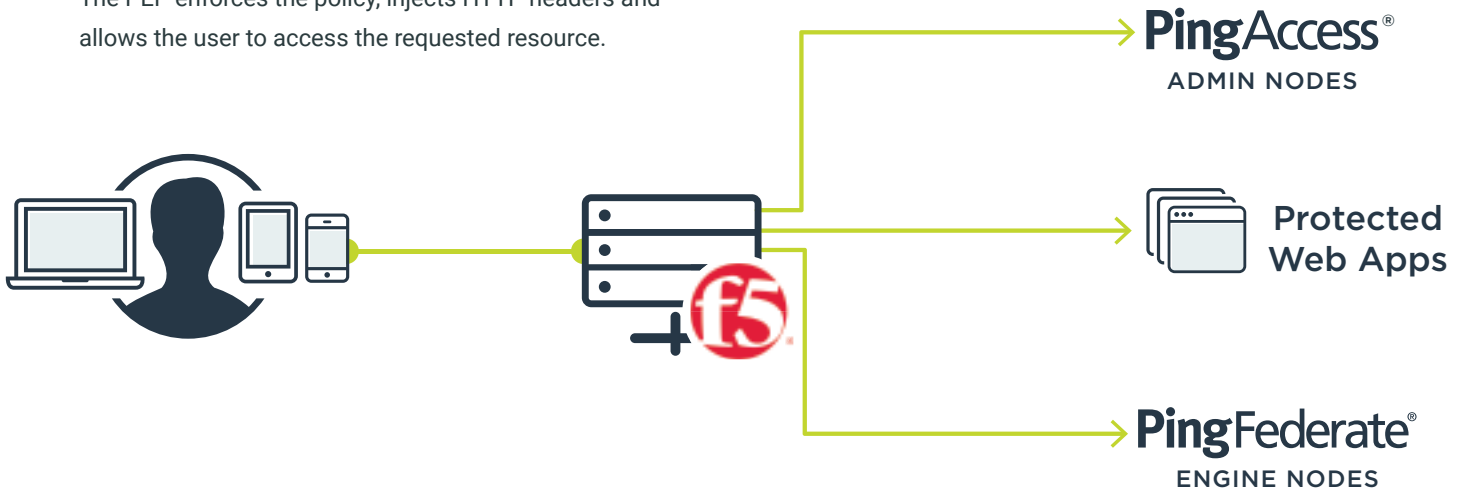


This workflow illustrates how the two solutions work together to provide secure access.

- The user requests access to a resource.
- The request is routed to the F5 Big-IP APM.
- The APM sends the request to PingAccess to determine whether a policy exists for handling the request.
- PingAccess checks with PingFederate to ensure that the user is authenticated, gets an OpenID Connect token and sends it back to the PEP.
- The PEP enforces the policy, injects HTTP headers and allows the user to access the requested resource.

In addition to deployment of the PEP through F5, PingAccess also allows you to deploy through:

- A proxy architecture—a high-performance reverse proxy that centrally protects any number of applications.
- An agent architecture—agents installed directly on the servers provide access control, web session management and identity-based auditing without network or infrastructure modifications.





WHAT ARE THE BENEFITS?

- **Ease of Deployment:** Because the agent is built directly into the existing F5 hardware, you no longer have to install a duplicate proxy architecture.
- **Greater Performance:** Because the joint solution reduces the layers between the user and the application, users can access applications faster and more efficiently.
- **Scalability:** The joint solution offers all the scalability you've come to expect from PingAccess and Big-IP. The PingAccess server handles tens of thousands of transactions per second with advanced clustering and replication. Big-IP is world renowned for the large numbers of concurrent users it can process at a single point.
- **Ease of Administration:** PingAccess provides an easy, highly flexible access policy administrative interface. Drag and drop policy administration and an intuitive, easy-to-use interface eliminate the need for custom coding and professional services to administer policies.

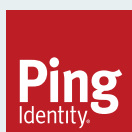
PING IDENTITY

Ping Identity believes that secure professional and personal identities provide the key to human progress in the connected world. Our identity and access management platform gives enterprise customers and employees one-click access to any application from any device. Over 2,000 companies, including half of the Fortune 100, rely on our award-winning products to make the digital world a better experience for billions of people.

F5

F5 (NASDAQ: FFIV) makes apps go faster, smarter and safer for the world's largest businesses, service providers, governments and consumer brands. F5 delivers cloud and security solutions that enable organizations to embrace the application infrastructure they choose without sacrificing speed and control. For more information, go to f5.com.

For more information about how F5 and Ping Identity joint solutions can help your business, [contact us](#).



Ping Identity is the leader in Identity Defined Security for the borderless enterprise, allowing employees, customers and partners access to the applications they need. Protecting over one billion identities worldwide, the company ensures the right people access the right things, securely and seamlessly. More than half of the Fortune 100, including Boeing, Cisco, Disney, GE, Kraft Foods, TIAA-CREF and Walgreens, trust Ping Identity to solve modern enterprise security challenges created by their use of cloud, mobile, APIs and IoT. Visit pingidentity.com. Copyright ©2016 Ping Identity Corporation. All rights reserved. Ping Identity, PingFederate, PingOne, PingAccess, PingID, their respective product marks, the Ping Identity trademark logo, and IDENTIFY are trademarks, or servicemarks of Ping Identity Corporation. All other product and service names mentioned are the trademarks of their respective companies.