

Symantec Technology Partner: IBM



Challenge

In the past year, over 1 billion identities have been exposed. Successful exploits continue to target user credentials because attackers know human error is the weakest link: Users do not always follow the best password practices and are thus susceptible to credential compromise. In addition, data breaches are becoming bigger and bigger as we move to a more-connected IT world—cloud applications, BYOD, remote workers, third-party vendors, and more—that has greatly broadened the attack surface. In a modern and connected world, you need a better way to continuously secure access for users without disrupting workforce productivity.

Solution

Symantec VIP and IBM Security Access Manager

Symantec Validation and ID Protection (VIP) is pioneering the future of multifactor authentication. It can help protect your VPNs, cloud apps, on-premises applications, and more, addressing virtually every enterprise need through a wide array of authenticators, including U2F tokens, biometrics, push notifications, one-time passcodes, and QR codes. No matter where users are, VIP can verify both the identity and the health of devices before they access your critical corporate resources.

IBM Security Access Manager (ISAM) helps you simplify user access while enabling you to more securely adopt web, mobile, and cloud technologies. ISAM strikes a balance between usability and security through the use of risk-based access, single sign-on, integrated access management control, and identity federation.

VIP, which offers added security to ISAM, is the most granular and continuous authentication solution on the market, enabling customers to implement multifactor authentication policies at the data level. The VIP risk-based approach makes it today's most advanced multifactor authentication solution, helping address all the growing threats that come with a modern, connected workforce. In addition, VIP provides a completely seamless and intuitive user experience.

Users can add VIP multifactor authentication, along with their user name and password, to gain access to ISAM-protected resources.

Partner: IBM

Partner Product: IBM
Security Access Manager
(ISAM)

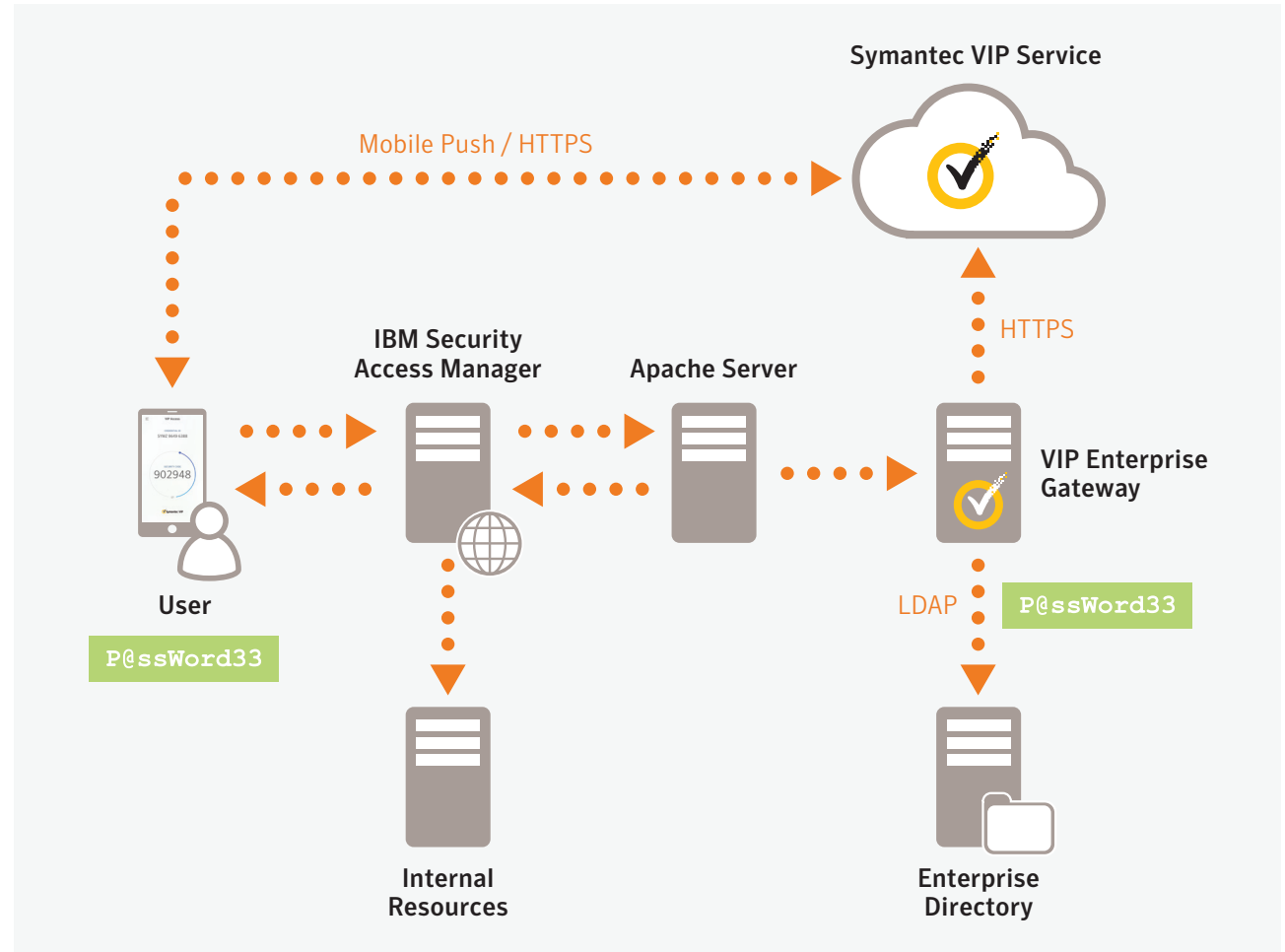
Symantec Product:
Validation and ID
Protection (VIP)



How it works

The diagram below demonstrates how the Symantec and IBM products work together to provide strong authentication for accessing enterprise assets.

VIP + ISAM



About IBM Security

IBM Security, with 7,500 dedicated professionals in 133 countries, delivers intelligent, integrated security technology and services to outthink cyber criminals, detect threats, and respond quickly to breaches. IBM Security focuses on clients' most critical needs: Transforming their security programs; optimizing security operations and response systems; and protecting critical information.

For authentication using the VIP service, you first enter a user name, password, and credential-generated security code. The user name and the password are sent from ISAM through the Apache server to the VIP Enterprise Gateway validation server; there they are validated by the LDAP server (user name and password) and VIP services (user name and security code). The VIP Enterprise Gateway validation server then returns the RADIUS authentication response to the Apache server, which returns the HTTP authentication response to IBM Security Access Manager. If the authentication process is successful, users can access the secured resources.

Benefits

The combined VIP authentication service and ISAM solution:

- **Enable BYOD and mobility:** VIP checks the security hygiene of all devices, managed or unmanaged, before they access the critical resources protected by ISAM.
- **Deliver secure remote access:** No matter where the access attempt originates, VIP can verify the legitimacy of the request before allowing that user access: VIP enforces geofencing.
- **Allow risk-based authentication:** VIP takes advantage of the Symantec Global Intelligence Network to assess every user based on their risk score; it can be prompted to step up authentication when a risk threshold is met.
- **Provide ease of use:** VIP offers many easy-to-use authentication methods—including push notifications, fingerprints, and U2F tokens—for a seamless user experience.
- **Integrate with other Symantec capabilities:** VIP integrates with CloudSOC, PGP encryption, the LifeLock product, and more to offer more features and functionality than any other authentication solution on the market.

About Symantec

Symantec Corporation (NASDAQ: SYMC), the world's leading cyber security company, helps organizations, governments and people secure their most important data wherever it lives. Organizations across the world look to Symantec for strategic, integrated solutions to defend against sophisticated attacks across endpoints, cloud and infrastructure. Likewise, a global community of more than 50 million people and families rely on Symantec's Norton and LifeLock product suites to protect their digital lives at home and across their devices. Symantec operates one of the world's largest civilian cyber intelligence networks, allowing it to see and protect against the most advanced threats. For additional information, please visit www.symantec.com or connect with us on [Facebook](#), [Twitter](#), and [LinkedIn](#).



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