# Desktop MFA for Okta Users

okta

Passwordless authentication solution for any workstation with the highest level of assurance

Octopus's Okta integration:

- Extends the reach of an Okta deployment to include Desktop MFA
- Enables MFA for on-premise and legacy applications
- Supports offline use cases
- For customers without AD, enables passwordless access to workstations using only the Okta directory
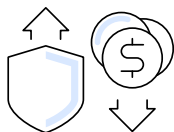
Using the integrated solution, Okta Verify can be used across all business systems and applications
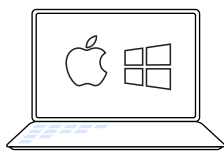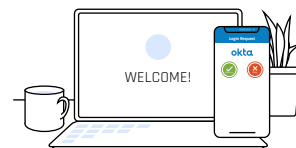

Secured access to Windows and macOS workstations online and off
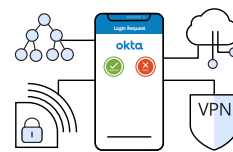
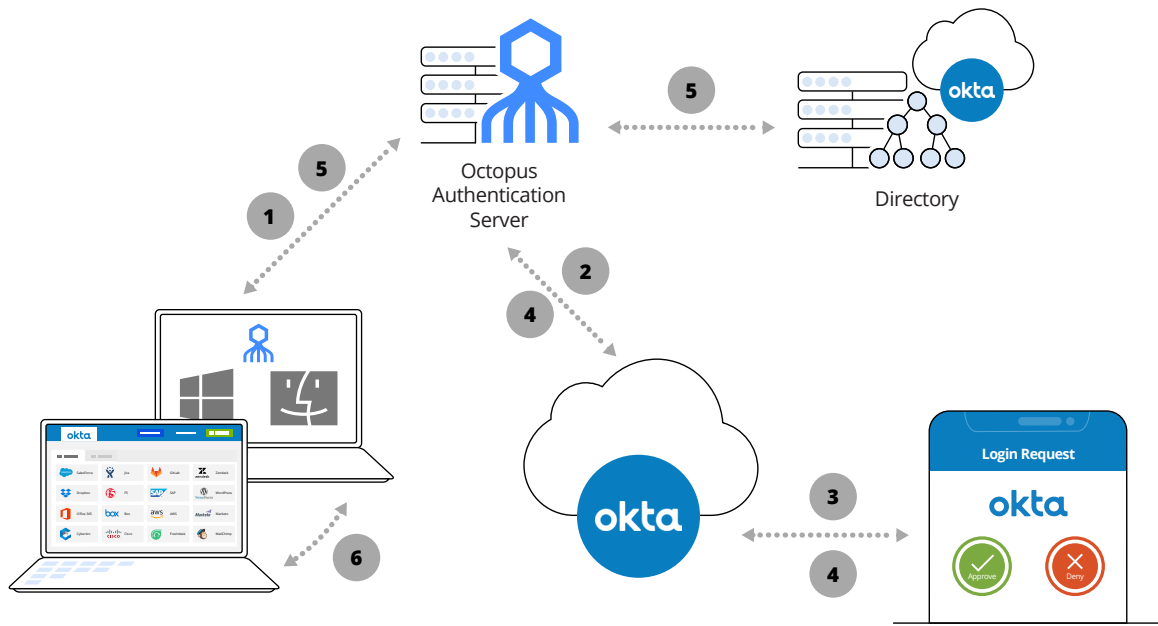One authenticator to access all company resources, whether on-premise or in the cloud

Cost effective compliance with regulations - PCI, DSS, DFARS, HIPAA, SOX/GLBA, PSD2, GDPR and more

Okta directory for passwordless authentication, no need for AD

How Does it Work?

Octopus Authentication enables strong authentication to workstations using the Okta Verify authenticator. Okta Verify can be used in passwordless mode or 'classic 2FA' mode.

1. User enters a username to his Windows or Mac host, which triggers a request to the Octopus Authentication Server.

2. The Octopus Authentication Server forwards a request to Okta.

3. Okta sends a push notification to the user's Okta Verify authenticator asking the user to approve an authentication request.

4. Okta authenticates the user and federates the authentication to the Octopus Authentication Server.

5. Octopus Authentication Server generates a fresh workstation password in the Directory (Okta/AD) and updates the workstation.

6. The user is logged into the workstation and the Okta portal.

Meet the Octopus

The Octopus Authentication Platform liberates organizations from the pains of passwords by replacing them with simple, strong passwordless authentication.

We enable organizations to benefit from unified passwordless access to domain accounts, cloud and SaaS services, and legacy applications.

For legacy systems that depend on password, our innovative solution swaps user passwords with machine-generated, frequently rotated passwords that are managed by the enterprise, not its users.

The Octopus solution platform can connect to the Octopus Authenticator as well as to FIDO2-compliant authenticators and 3rd party MFA, such as Okta Verify.

Octopus Authentication offers:

o A new and better approach to multi-factor authentication without passwords

o A simple and consistent user experience for domain login, cloud applications, legacy applications and remote access

o Stronger protection against identity-based cyber-attacks, including phishing, key theft, brute force and dictionary attacks, reuse of stolen credentials, and man-in-the-middle attacks

o Significantly lower costs for password management and end user support.

SECRET
DOUBLE
OCTOPUS

GET A DEMO

SOLUTION OVERVIEW