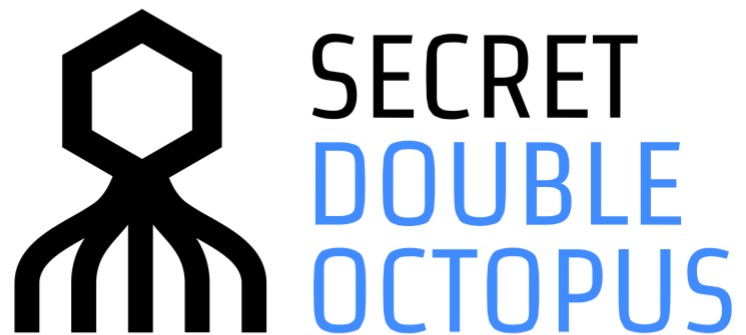


August 12, 2021



Octopus Desk Version 3.5 Release Notes

Overview

Octopus Desk is a credential provider for the Windows OS that eliminates the need for password use when logging onto Windows machines or to the domain. Octopus Desk Domain authentication completely replaces Active Directory passwords with a high assurance, password-free authentication paradigm.

Users can log onto Windows workstations or the domain using the Octopus Authenticator mobile app, FIDO Authenticator or one of the supported 3rd party authenticators (e.g., Okta Verify, ForgeRock). Octopus Desk also supports various means of user verification for multi-factor authentication, such as OTP (one-time password), Voicecall, and codes sent to users via SMS or email.

This document describes the new features and enhancements available in Octopus Desk version 3.5.

IMPORTANT: Octopus Desk version 3.5 does not support Windows 7 (32/64 bit). Windows 7 users can continue to work with version 3.3 and not upgrade to version 3.5.

Version Highlights

Octopus Desk version 3.5 significantly enhances the end user experience by supporting a variety of new authentication options and offering additional self-service actions that users initiate directly from the desktop.

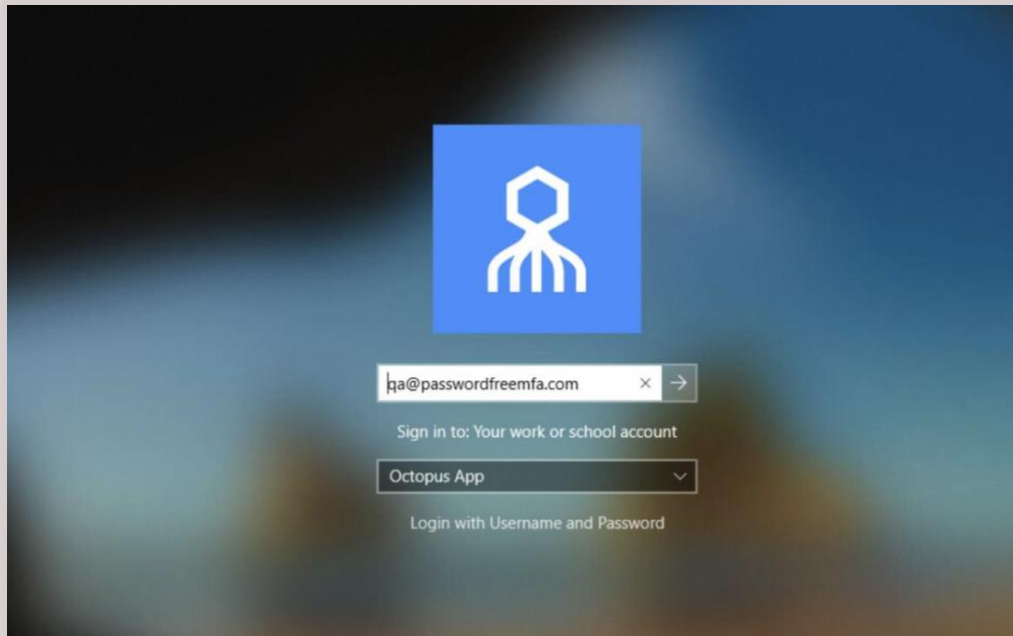
Octopus Desk now supports integration with Azure AD directories, enabling Passwordless authentication to Windows for Azure AD users. In addition, the new version offers increased control over the authentication process, including the option of requiring a stronger authentication flow for logins from unknown workstations.

The main features of the release are:

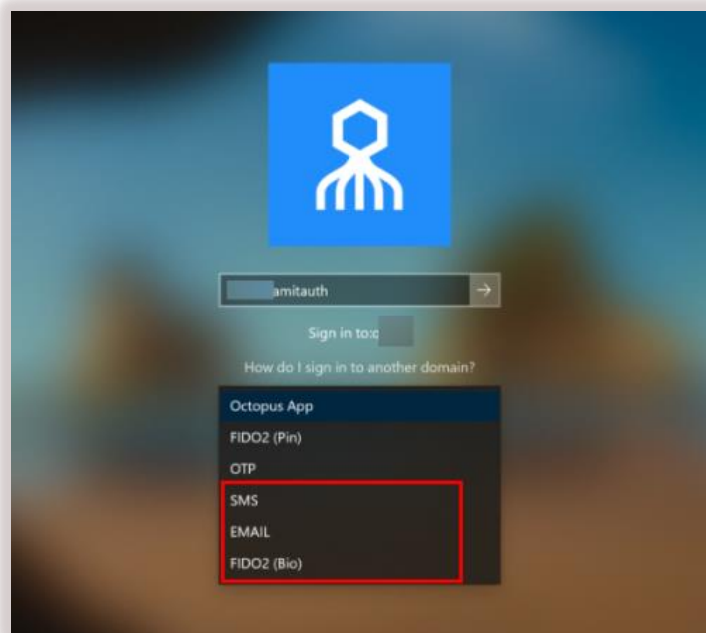
Adaptive Authentication for Windows [SSA-8175]: This option, which is available for Octopus authentication, helps prevent user identity hijacking by requiring stronger authentication for login attempts from workstations that are unknown to the system. When Adaptive Authentication is enabled, users authenticating for the first time from an unrecognized workstation are required to enter the verification code that is generated and displayed in the Octopus Authenticator mobile app. Following the first successful strong authentication, users are no longer required to enter a code if the workstation is designated as a Trusted device.

Password Free Experience: This feature enables customers to start deploying the Windows agent while maintaining control over the password, so they can continue to use it for other applications. Users are required to enter the password for the first login. After one successful login, all other authentication is Passwordless (the user simply selects the authenticator, and does not need to provide an additional identifier). For more details, please refer to the Octopus Desk for Windows Installation Guide.

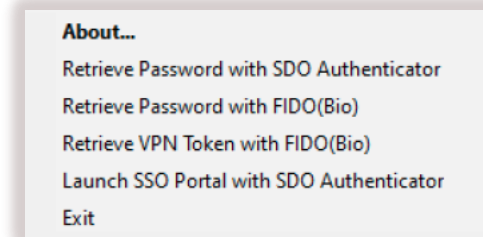
Azure AD directory support [SSA-7683]: Octopus Desk version 3.5 supports integration with Azure AD directory types to enable Passwordless authentication to Windows for Azure AD users. Windows workstations are configured to connect directly to the Azure AD domain.



Support of new authenticators [SSA-7908] [SSA-7183]: Octopus Desk now supports FIDO biometric security keys, enabling Passwordless authentication using fingerprint identification. In addition, Twilio is now supported as a two-step authenticator. The validation code required for MFA can be sent to users via either email or SMS.



Enhanced systray actions [SSA-7969] [SSA-7972]: New self-service actions available from the Windows system tray enable users to retrieve the AD password using a biometric key and retrieve the token required for VPN login with either a biometric or non-biometric (PIN) key.



Note: After a systray action is selected, the menu is disabled for 30 seconds to prevent simultaneous actions.

New Features

Octopus Desk version 3.5 includes the following features:

- [SSA-7683] **Azure AD support** – Integration with Azure AD directory types is now supported, enabling passwordless authentication to Windows for Azure AD users. Windows agent integration is configured through a new MSIUpdater option.
- [SSA-8175] **Adaptive Authentication support** – This feature helps prevent user identity hijacking by requiring stronger authentication for login attempts from workstations unknown to the system. When the feature is enabled, users authenticating for the first time from an unrecognized workstation are required to enter the verification code displayed in the Octopus Authenticator mobile app.
- [SSA-7908] **Fido biometric key support** – FIDO biometric security keys are now supported, enabling passwordless authentication with fingerprint identification.
- [SSA-7183] **Twilio plugin support** – Twilio is now supported as a two-step authenticator. A validation code is sent via email or SMS after users have provided initial credentials. Users then enter the code to successfully authenticate.
- [SSA-7972] **Retrieve password with FIDO key** – This new Windows systray action enables users to obtain the AD password after identifying with either a biometric key (fingerprint) or a traditional key (PIN).
- [SSA-7969] **Retrieve VPN token with FIDO key** – This new Windows systray action enables users to obtain a temporary token (instead of password) to allow VPN login after identifying with either a biometric key (fingerprint) or a traditional key (PIN).
- [SSA-7738] **Bypass authentication with temporary token** – Users without access to the mobile app can now log into Windows using a temporary token, avoiding the need to provide them with the actual AD password. To maintain token confidentiality, the token can be sent to the user by email. In addition, the token may be designated for one-time use only, as required.

- [SSA-8275] **Password Free Experience** - The Octopus Desktop add new “Password Free Experience” enables customers to start deploying the Windows agent while maintaining control over the password, so they can continue to use it for other applications. In the Password Free flow, users will be required to enter the password for the first login. After one successful login, all other authentications will be Passwordless (the user simply selects the authenticator, and does not need to provide an additional identifier).

Bug Fixes

Octopus Desk version 3.5 contains the following bug fixes:

| Issue Number | Issue Description | Current Status |
|--------------|---|----------------|
| SSA-8130 | No cursor focus in the Lock screen, requiring use of the mouse to login again | Fixed |
| SSA-8176 | FIDO does not work when connecting to network without internet | Fixed |