

# YubiKeys for Azure AD Passwordless Pre-Deployment Checklist

## Introduction

The purpose of this document is to assess if the current infrastructure meets the hardware and software requirements to deploy YubiKeys as FIDO2 Security Keys (Passwordless) in an Azure Active Directory environment.

## Pre-Deployment Checklist

General Requirements	✓
Microsoft Azure Administrator Access	
Microsoft Azure Active Directory Tenant	
YubiKey 5 Series <i>Note: Security Key may work for some envs if they are 100% FIDO only. YubiKey 5 Series is generally recommended as a best practice.</i>	
<a href="#">A WebAuthn Enabled Browser that supports YubiKey + PIN</a>	
Windows 10 1809 or greater	
Internet connectivity to Azure AD	

(Optional) Requirements for <a href="#">Azure domain joined</a> only Windows 10 Login	✓
Windows 10 1909 or later	
Azure AD Joined Machine	

(Optional) Requirements for SSO into on-premise resources and hybrid joined Windows 10 Login	✓
Windows 10 Update 2004 (May 2020) or later	
Device identities in Azure AD can be managed using one of the following methods:  Azure AD join Hybrid Azure AD join Azure AD registration	
Azure AD Connect 1.4.32.0 or later	

Windows Server 2016 or 2019 Domain Controller with the latest patches <i>Note: These patches have been rolled into the latest monthly cumulative updates for each version.</i>	
Windows Server 2016 Patches: <a href="https://support.microsoft.com/help/4534307/windows-10-update-kb4534307">https://support.microsoft.com/help/4534307/windows-10-update-kb4534307</a>	
Windows Server 2019 Patches: <a href="https://support.microsoft.com/help/4534321/windows-10-update-kb453432">https://support.microsoft.com/help/4534321/windows-10-update-kb453432</a>	

## References

1. <https://support.yubico.com/hc/en-us/articles/360016913619>
2. **Microsoft - Passwordless authentication options for Azure Active Directory:**  
<https://docs.microsoft.com/en-us/azure/active-directory/devices/concept-azure-ad-join>
3. **Yubico - Operating system and web browser support for FIDO2:**  
<https://support.yubico.com/hc/en-us/articles/360016615020>