Administer Azure AD Devices

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Overview

Review preliminary terminology

Configure Azure AD Join

Manage Azure AD device settings

Preliminary Terminology

Device

A computer system that can register with or join Azure AD and be managed with Azure MDM tools

BYOD

Bring Your Own Device. Personally-owned device that is signed in with personal Microsoft account or other local account

MDM

Mobile Device Management. Organization-owned device that supports Azure AD device sign-in

Azure AD Join

Azure AD Join Options

Azure AD Registered

Personally owned device

MSA or local account sign-in

Windows 10

iOS

Android

macOS

Azure AD Joined

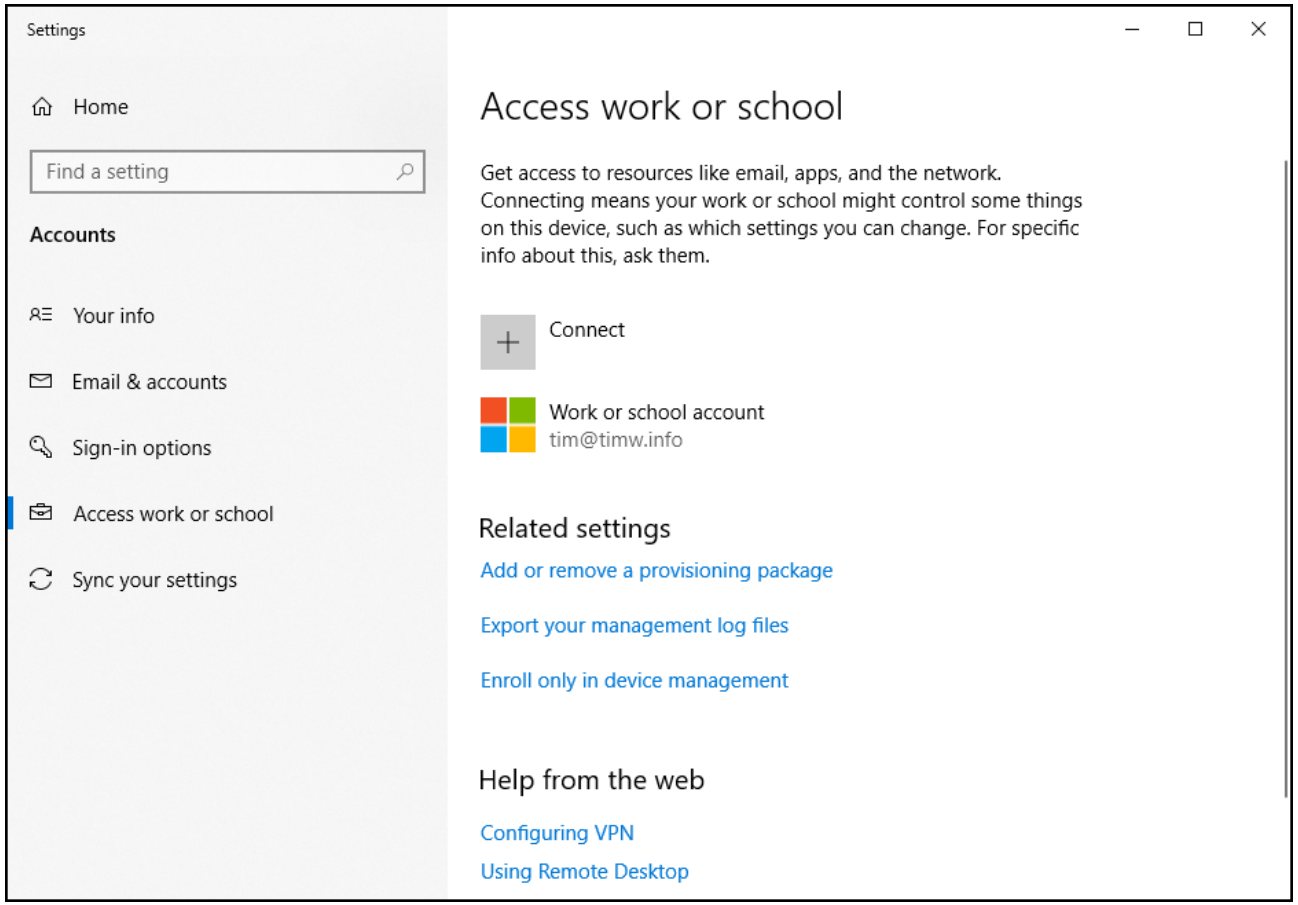
Organization owned device

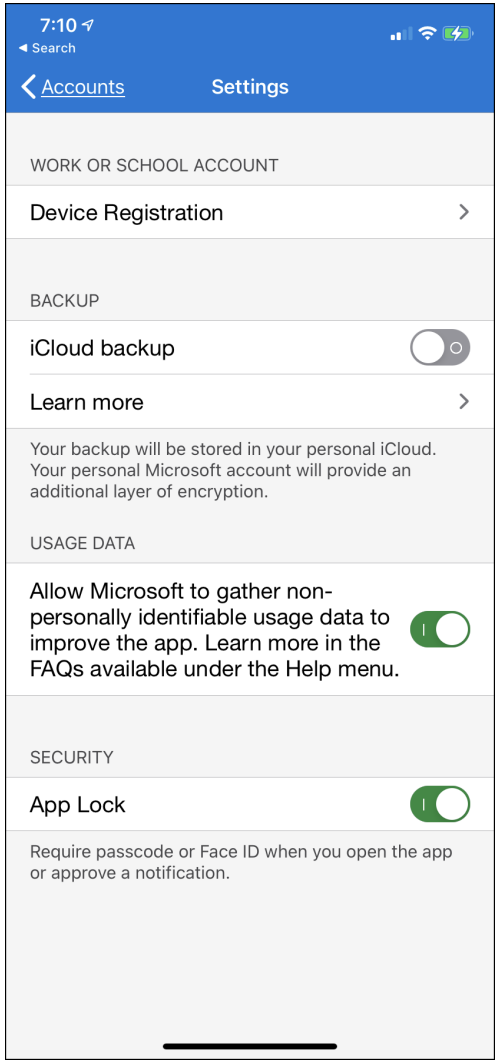
Azure AD sign-in

Windows 10

Windows Server 2019 VMs in Azure

Azure AD Registration





Hybrid Azure AD Join

Company has permanent, on-premises AD footprint

- System Center

Need to support Azure AD apps and services on corporate devices otherwise managed locally

Hybrid Azure AD Join

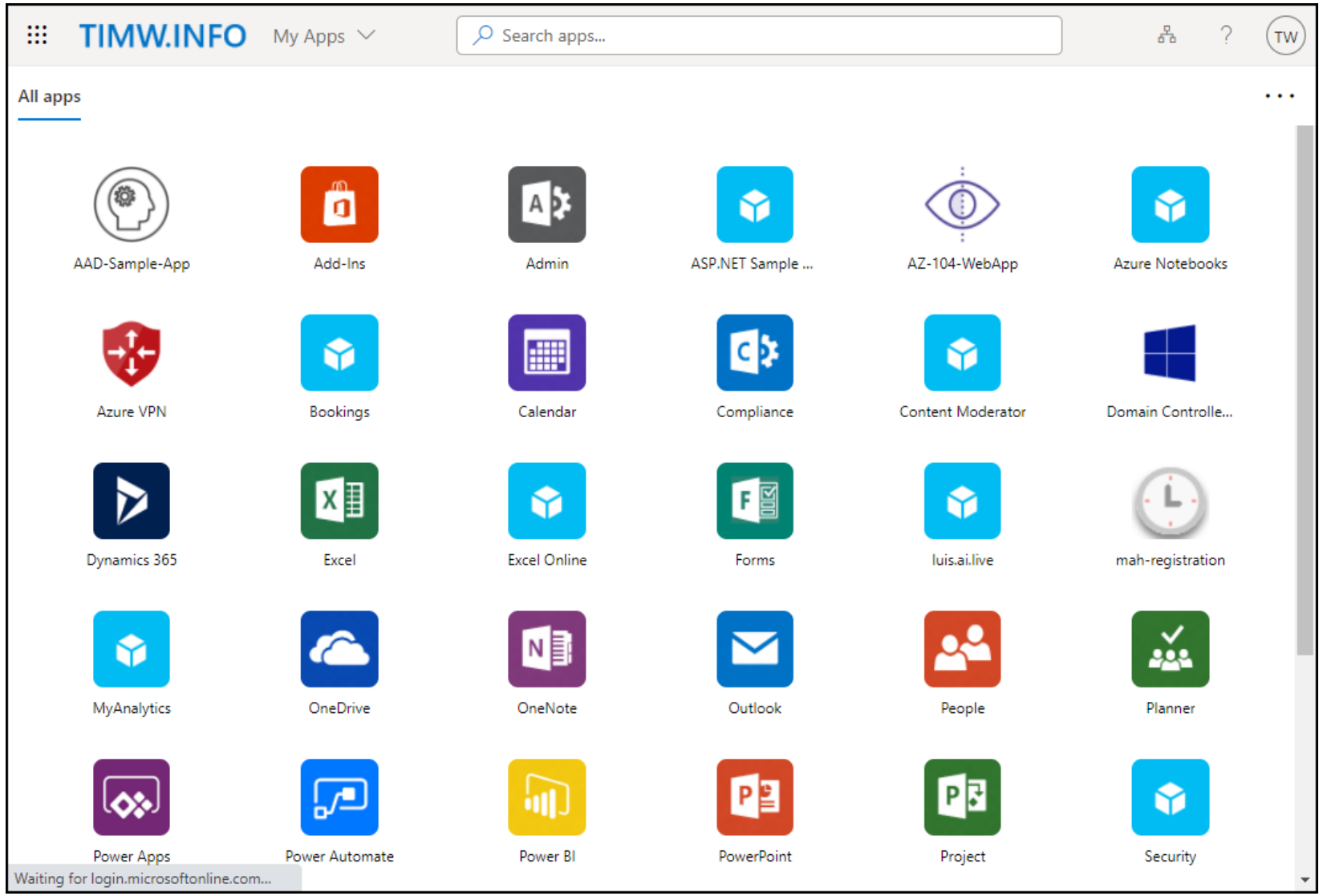
Organization-owned device

AD DS sign in with cloud identity (AADC)

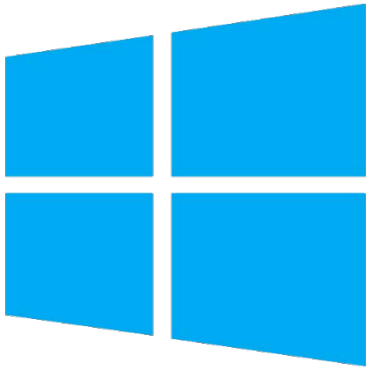
Windows 7, 8.1, 10

Windows Server 2008 or newer

My Apps Portal



Azure AD Sign-in to Azure VMs



Windows Server 2019 Datacenter

Windows 10 1809 and later

Must be Azure AD-joined and have system-assigned managed identity

Virtual Machine Administrator Login

Virtual Machine User Login

Demo

1

Demonstrate AAD sign-in on a WS 2019 VM in Azure

Demonstrate AAD Join in Windows 10

Azure AD Device Management

Device Management for AAD-Joined Devices

- SSO to SaaS apps and Azure services
- Enterprise State Roaming
- Windows Hello
- Conditional Access policy

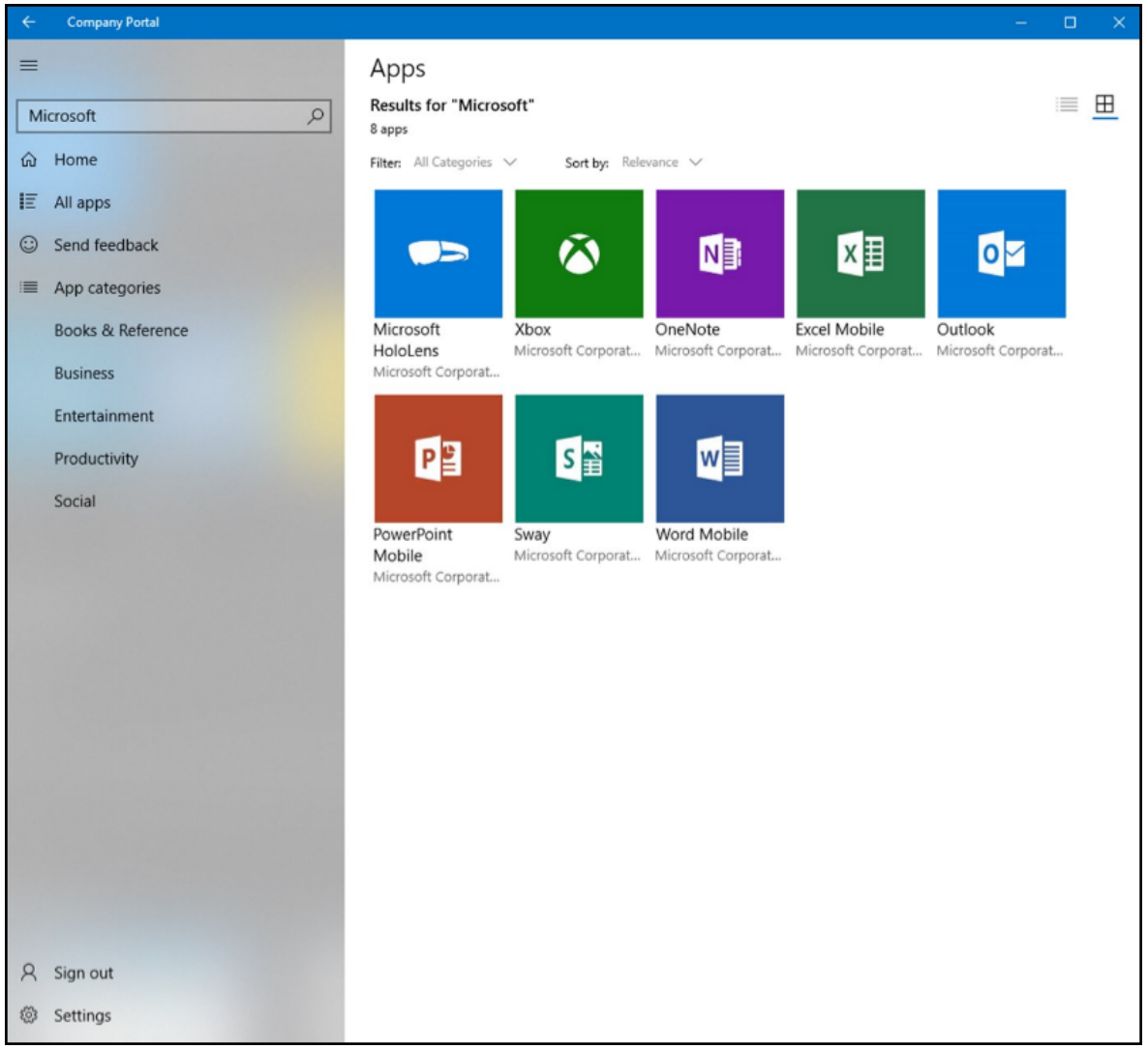
Microsoft Intune

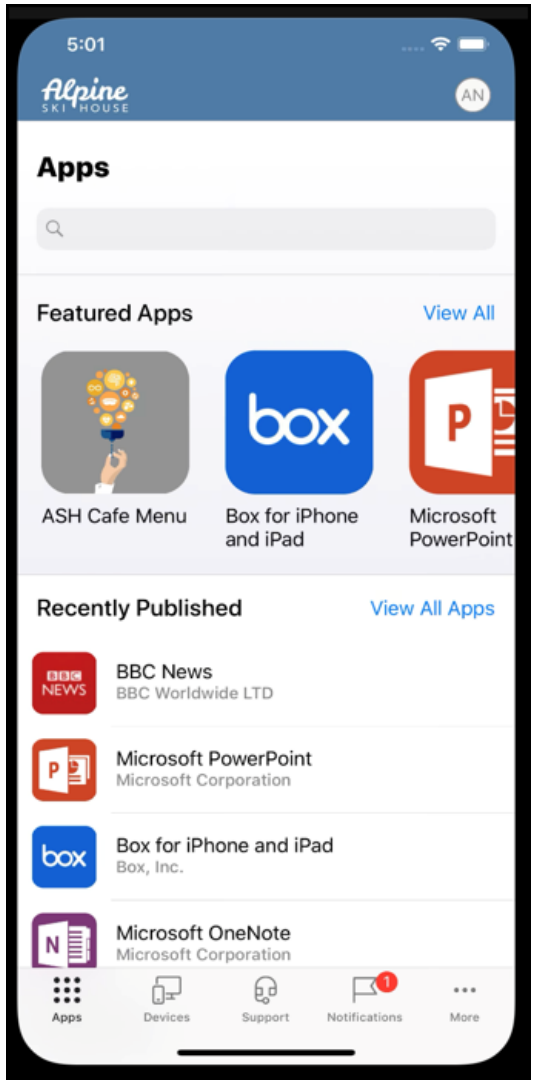
Part of the Microsoft Endpoint Manager product family:

- System Center Configuration Manager
  - Desktop Analytics
- Windows Autopilot

Covers MDM and MAM scenarios

Microsoft Intune Company Portal





Demo

2

Show Windows 10 enrollment

Intune MDM options

Summary

You now see Azure AD is as much a device identity store as it is a user identity store

MDM/MAM leads you down the road of Microsoft Intune and Endpoint Manager

- Microsoft 365 Certified: Enterprise Administrator Expert

Next module: Configure Azure AD Resources