

# AZ-104 Azure Identity - Azure Entra ID Device Management

## Device Management

- Basics of Identity
- Registration Options

## **How to register devices**

- Azure AD Registered: Least restrictive option, allowing for bring your own device (BYOD) with a personal Microsoft or local account, supports windows 10, IOS IpadOS, Android and macOS.
- Azure AD Joined: Device is owned by the organization and accesses Azure AD through a work account. These identities exist only in the cloud supports windows 10 and Server 2019
- Hybrid Azure AD Joined: Similar to AD joined: however, these devices identities exist both on prem and in the cloud, Support windows 7, 8.1, 10 and server 2008 or later.

Navigate to Entra ID then over to Devices



Home >



# Default Directory | Overview

Microsoft Entra ID

Overview

Preview features

Diagnose and solve problems

## Manage

Users

Groups

External Identities

Roles and administrators

Administrative units

Delegated admin partners

Enterprise applications

Devices

App registrations

Identity Governance

Application proxy

Custom security attributes

Licenses

Cross-tenant synchronization

Microsoft Entra Connect

Custom domain names

Mobility (MDM and WIP)

Password reset

User settings

Properties

+ Add M

Azure Active Di

Overview Monit

Search your ten

## Basic information

Name

Tenant ID

Primary domain

License

## Alerts



### Microsoft

All version (formerly / between C to Cloud S

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### Migrate to methods |

Please mig legacy MF avoid any

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The screenshot shows the Microsoft Azure portal interface for the 'Devices | Overview' page. The top navigation bar includes the Microsoft Azure logo and a search bar. The left sidebar contains navigation options: Overview, All devices, Manage (Device settings, BitLocker keys, Local administrator password recovery), Activity (Audit logs, Bulk operation results), and Troubleshooting + Support (New support request, Diagnose and solve problems). The main content area features a search bar and a 'My Feed' section with four cards: 'Stale devices' (0), 'Noncompliant devices' (0), 'Unmanaged devices' (0), and 'Total number of devices' (0). A 'My Feed' section also shows 'Preview Features' with 2 total items.

Over in Device settings we can specify which or how users can register devices on our tenant

Users may join devices to Microsoft Entra.

- All: Will allow all users to join their devices.
- Selected: specify which users can join their device.
- None: No users can join their device.

Users may register their devices with Microsoft Entra.

- Allow users to register their BYOD devices to registered devices.

Require multi-factor authentication to register or join devices with Azure ID (self explanatory)

Maximum devices per user to add, recommended is 20.

# Devices | Device settings

Default Directory - Microsoft Entra ID

<< Save Discard Got feedback?

- Overview
- All devices
- Manage
  - Device settings**
  - BitLocker keys (Preview)
  - Local administrator password recovery
- Activity
  - Audit logs
  - Bulk operation results (Preview)
- Troubleshooting + Support
  - New support request
  - Diagnose and solve problems



## Microsoft Entra join and registration settings

Users may join devices to Microsoft Entra ⓘ

All  Selected  None

Selected  
No member selected

Users may register their devices with Microsoft Entra ⓘ

All  None

Require Multifactor Authentication to register or join devices with Microsoft Entra ⓘ

Yes  No

We recommend that you require Multifactor Authentication to register or join devices with Microsoft Entra using [Conditional Access](#). Set this device setting to No if you require Multifactor Authentication using Conditional Access.

Maximum number of devices per user ⓘ

50

## Local administrator settings

[Manage Additional local administrators on all Microsoft Entra joined devices](#)

Enable Microsoft Entra Local Administrator Password Solution (LAPS) ⓘ

Yes  No

## Device Identity

- Simplified procedure for adding and managing devices
- Improved user experience on devices
- Single Sign-on (SSO) for any registered or joined devices.

Revision #3

Created 19 February 2024 22:44:50 by Cesar Gzz

Updated 19 February 2024 23:04:32 by Cesar Gzz