DTEN
Devices and Microsoft Teams AOSP Migration Guide

DTEN Inc.

Overview

This document applies to DTEN's Android-based devices running Microsoft Teams software, including the DTEN D7X-A, Bar, and Mate PoE. DTEN collaborates with Microsoft to adopt AOSP for Teams Room software, enabling authentication through the Android Open-Source Project (AOSP).

The migration from Android Device Administrator (ADA) to AOSP for Teams devices enables enhanced features and device control via Intune's AOSP Management, supporting compliance and configuration policies. This update applies to DTEN D7X-A, Bar, and Mate PoE models.

Prerequisites

- Existing DTEN Android devices enrolled in ADA.
- Intune administrative access in Microsoft 365.
- Updated firmware supporting AOSP is available in the Teams Admin Center.

Preparing for AOSP

Microsoft Intune administrators should adjust enrollment policies to align with AOSP, particularly for DTEN devices newly set up or after a factory reset. A remote migration process for existing devices will shift from Company Portal to AOSP registration.

Review [Migrating Teams Android Devices to AOSP Device Management from Device Administrator](#) on Microsoft's Learn website and the [Moving Teams Android Devices to AOSP Device Management](#) on Microsoft's Community Hub.
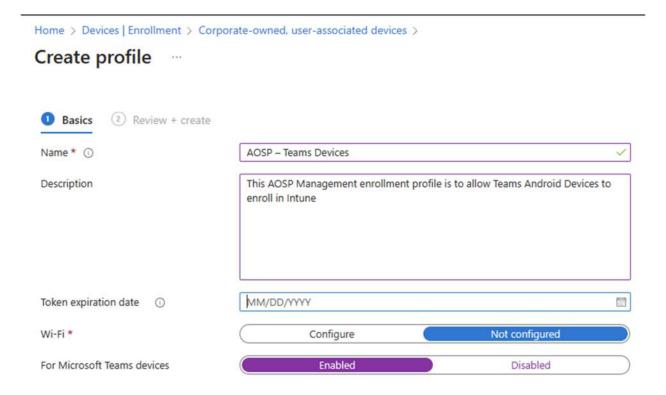
Timeline

DTEN anticipates AOSP integration and updates by the 1st quarter of 2025, which will automatically be available for compatible devices from the Teams Admin Center (TAC). To ensure readiness, DTEN recommends enabling automatic updates or configuring via the Teams Admin Center.

Step 1 - AOSP Enrollment Profile Setup

1. In **Intune Management Console**, navigate to **Devices > Enrollment > Android**.
2. Create a new **AOSP Management Enrollment Profile**:
   - **Name**: "DTEN – AOSP Devices."
   - Set **Token Expiration** to 65 years to ensure uninterrupted enrollment.
   - Enable **Microsoft Teams devices**.

Below is an example of the enrollment policy that will need to be created:

Home > Devices | Enrollment > Corporate-owned, user-associated devices >

Create profile   ...

1 **Basics**   2 Review + create

Name * ⓘ   AOSP – Teams Devices   ✓

Description   This AOSP Management enrollment profile is to allow Teams Android Devices to
                                enroll in Intune

Token expiration date   ⓘ   MM/DD/YYYY   📅

Wi-Fi *   Configure   **Not configured**

For Microsoft Teams devices   **Enabled**   Disabled

Step 2 - Configure AOSP Policies

To enhance security, set up configuration and compliance policies in Intune.

AOSP Configuration Policy

1. In Intune, go to **Devices > Configuration**.
2. Create a **Device Restrictions** policy for AOSP:
   o Block **Screen Capture** to secure content.

Compliance Policy

Create policies/Modify existing policies for:

- **Device Health** (block rooted devices).
- **Minimum OS Version** requirements. Refer to the table below:

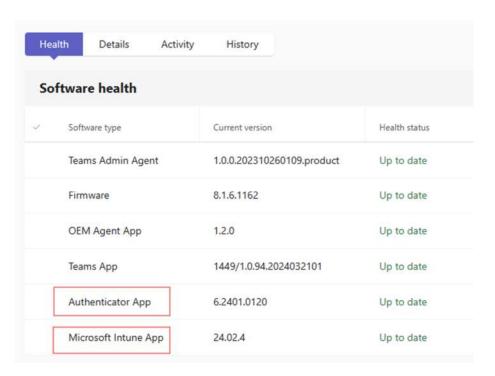| DTEN Product	Manufacturer	Model	OS	OS Version
D7X-A 55	DTEN	ON_DBR14	Android	12
D7X-A 75	DTEN	D7XA_DBR1475	Android	12
Bar	DTEN	Bar_DCR200	Android	12
Mate PoE	DTEN	DTEN_MATE	Android	10

- **Device Encryption** for data protection.

Step 3 - Firmware Update to AOSP

1. In the **Teams Admin Center**, locate and update the firmware for each DTEN device.
2. Confirm successful migration under **History** in the device profile after updating.

Verification

After updating, ensure the **Microsoft Intune** and **Authenticator** apps are active under the device's software list.

FAQs

Q. Is Microsoft switching off Android Device Administrator (ADA) on 31st December 2024?
A. Android Device Administrator is not being removed from Intune but is being moved to an unsupported state.

Q. Will devices running Device Administrator be supported by DTEN and Microsoft after 31st December 2024?
A. Any device slated to be migrated to AOSP will continue to be supported while operating with ADA.

Q. What happens if I do nothing?
A. Your devices will not sign out but will continue working when configured with ADA. However, if you update your device(s) to DTEN firmware that supports the AOSP apps Intune and Authenticator without creating AOSP Policies, your device will sign out upon reboot.

Q. What happens if I create an AOSP profile now?
A. Nothing; DTEN devices will disregard the AOSP profile for now.

Q. When will DTEN devices be forced to use AOSP?
A. At some point in 2025, DTEN firmware will only contain the new apps, and you must create a profile in Intune for the devices to authenticate.

Q. Could I remove the Intune license from the resource account licenses?
A. You can do this if you do not want to use Intune controls or policies.

Q. Can I roll back from AOSP to ADA enrolment?
A. No. Once devices have migrated to AOSP, you cannot downgrade and use ADA.

Q. My organization uses device identifiers and enrollment restrictions to limit Android Device Administrator enrollment today. Is there something similar to AOSP Device Management?
A. Teams Android Devices automatically enroll as **Corporate** without needing to filter because when you set the Teams Devices toggle in the enrollment profile, only Teams Devices can enroll with AOSP DM; end-user mobile devices are unable to enroll with AOSP DM, so there is no need to use enrollment restrictions previously.

Q. What happens when my Intune enrolment profile expires? Do devices get signed out?

A. Devices already registered and signed in will not be signed out. Only new device registrations will fail.

Q. Why isn't Microsoft using Google Enterprise features in Intune?
A. Teams devices are appliance-based and function in a kiosk mode, meaning they lack access to app stores (Google Play™ or Amazon) and don't support third-party app installations, ADB debugging, services, and other components used in Google Enterprise.

Q. Is AOSP the same as MDEP (Microsoft Device Ecosystem Platform)?
A. No, AOSP migration from Android Device Administrator is separate from Microsoft's development of an Android-based platform built on the Android Open Source Project (AOSP) that will allow for agile development and feature support for device manufacturers and software developers within the Microsoft Teams Rooms on Android (MRTA) ecosystem. AOSP migration is Microsoft's alignment with enrollment requirements as Google deprecated Android device administrator management in 2020, and Intune ended support for device administrator devices with access to Google Mobile Services at the end of 2024.