GB to JB Migration Issue

Table of Contents

[Problem Description 1](#_Toc366082024)

[Mitigation 1](#_Toc366082025)

[Configuration through Settings UI 2](#_Toc366082026)

[Config File Approach 2](#_Toc366082027)

# Problem Description

After GB to JB OS upgrade the device will not be manageable by an MDM in a non 802.11d infrastructure environment. This is due to absence of 802.11d feature on ET1 GB. ET1 JB supports 802.11d and is enabled by default.  This prevents device from being managed on 802.11d disabled networks after the upgrade.

# Mitigation

We have following mitigation for this issue

1. Manually disable 802.11d and configure the country through [Settings UI](#_Configuration_through_Settings_1)
2. [Configuration file approach](#_Config_File_Approach) to disable 802.11d in device and set the country – MDM can use this option.

## Configuration through Settings UI

After OS upgrade user has to manually perform the following steps

1. Enable Wi-Fi
2. Go to Settings->Wi-Fi
3. Tap on Menu key
4. Select Advanced option
5. Uncheck “Enable 802.11d”
6. Press OK on Message box
7. Tap on Country Selection option and select your country

## Config File Approach

Config file can be provided along with OS Upgrade package. Enterprises would need to edit this config file to indicate the country code and copy this file on enterprise partition prior to starting upgrade.

1. Edit wlancfg.ini file. Sample wlancfg.ini is attached here.



* 1. This file contains ISO 3166 country code to be configured for 802.11d disabled infrastructure deployments. Edit only the country code in ini file. **Ensure there are no spaces before and after “=”.**
  2. Here are ISO country codes to be used(grouped as per SKU countries):



1. Copy *wlancfg.ini* to */enterprise/usr* folder either manually or push through MDMs
2. Push OS Update Package (JB) to device either manually or through MDMs
3. Start OS Update
4. wlancfg.ini file will be applied on enabling WiFi first time after OS Update and will be deleted