DASH

Dash Enterprise MDM configuration guide

This document describes the configuration options for setting up Dash in an MDM environment. By applying the settings in this guide you will be able to deploy Dash to your devices with all settings pre-configured by an administrator.

Document version 1.2
8 August 2021
Dash 1.3.7

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Table of Contents

apt software

Configuring Dash via MDM

Dash supports MDM configurations on both iOS and Android. You will need to select Dash to be deployed on your device (either from the Apple App Store or Google Play Store) and then configure Dash via managed app configurations. The full list of configuration keys and their possible values are specified later in this document.

Any configuration options not specified by you, or specified with invalid values, will be left at their default values. You can see the default value for each configuration option in the later sections of this document.
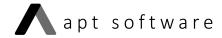
iOS instructions

Dash is configured via a *plist* file. You will need to specify a *plist* file containing your configuration when you deploy Dash to your devices. The exact method of specifying the file varies between MDM providers, but an example plist file is specified below. Each configuration key is specified, followed by its value:

```xml
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
  <key>Configuration</key>
  <dict>
    <key>backgroundColor</key>
    <string>#FF0000</string>
    <key>backgroundImage</key>
    <string>https://example.com/background.jpg</string>
    <key>bigClock</key>
    <false />
    <key>licenseKey</key>
    <string>DASHB-5D05-48A5-AE30</string>
  </dict>
</plist>
```

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Android instructions

Dash's configuration keys are specified in the app's manifest. If your MDM provider supports this, you can choose to load the configuration values from Dash's manifest. The manifest information includes the code, name, and allowed values for each option.

Some MDM providers provide a GUI to configure each option, however others require the options to be specified in JSON format, or require you to manually add each option key. Each option and its possible values are specified in the remainder of this document.

License Key

Use this setting to activate each copy of Dash by applying the license key you were provided. Please note that a valid license key must be provided in order for any other MDM settings to be applied.

Setting key	Setting name	Description	Possible values	Default value
`licenseKey`	License Key	The license key you have been issued with	*Any string of the form XXXX-XXXX-XXXX-XXXX*	

Calendar Settings

Specifying calendar settings in your MDM configuration allows Dash to connect to your calendar service, and also configure the calendar that is displayed on the main screen.

Credentials

Dash communicates with your calendar provider using an access token obtained through an *OAuth 2.0* authentication flow. In order to deploy Dash to new devices the access token must be part of your MDM configuration. Since the token can only be granted through the Dash app itself, you will need to complete the authentication on one device and then copy its access token into your MDM configuration.

1. Configure a single device with Dash running under an MDM configuration, with at least the license key specified in your app configuration settings.
2. Open Dash and go to the *Settings* screen (by pressing the *cog* icon on the main screen). Choose the calendar provider you wish to use (either *Microsoft 365* or *Google Workspace/GSuite*) and complete the authentication flow.
3. Press the *Get Credentials* button on the settings screen to copy Dash's access token to the clipboard.

Note: These credentials are platform-specific, so if you are using a mixture of Android and iOS devices you must generate separate credentials for each platform.

Calendar IDs

Internally, Dash refers to each calendar by its id rather than its name. You will need to use calendar ids rather than names anywhere that calendars are specified in the MDM configuration. If you do not already know your calendar's ids, you can find them by visiting https://www.get-dash.com/dash-enterprise-auth and signing in with the same account you connected to Dash. You should see a list of calendars and their id's.

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Settings

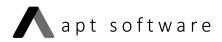| Setting key	Setting name	Description	Possible values	Default value
`calendarProvider`	Calendar Provider	Authentication information allowing Dash to connect to your calendar provider.	*The credentials taken from Dash by following the steps outlined above.*	
`calendar`	Calendar	The id of the calendar that will be displayed on Dash's main screen	*Any calendar id from your provider*	
`findRooms`	Rooms to check	The ids of the calendars you wish to check when a user selects *Find free rooms* on the main display	*A valid JSON array of string id's, e.g.* `["id1", "id2", "id3"]`	*Empty list*
`calendarNameMap`	Rename calendars	If you wish to display your calendars by different names than the ones specified in your calendar system	*A valid JSON object mapping id to name, e.g.* `{"id1": "newname1", "id2": "newname2"}`	*Empty map*
`pollingInterval`	Polling interval	A hidden option to set the interval (in seconds) between polls for updated calendar information	Any integer above or equal to *30*	*40*

Display Options

Setting key	Setting name	Description	Possible values	Default value
eventDays	Display meetings as	Choose whether to display the room's meeting schedule as a calendar view or a list of events	*"0": A calendar view of today's events* *"1": A list of today's meetings* *"2": A list of the next two day's meetings* *"3": A list of the next three day's meetings* *"7" A list of the next seven day's meetings*	*'0'*
bigClock	Status Display	Display the meeting room name or the current time in a large font on the main screen	True: Large clock False: Large room name	*false*
showDate	Show date on main screen	Show the current date on main screen	true/false	*false*
onlyAcceptedEvents	Display only meetings accepted by the calendar	True to display only meetings that the calendar is marked as attending	true/false	*false*
timeFormat	Time format	Display times in a 12 or 24 hour format	'12h' or '24h'	*Autodetected from your device locale*
language	Language	The language to use	'en', 'cz', 'dk', 'de', 'es419', 'fr', 'id', 'it', 'hu', 'ms', 'nl', 'pl', 'br', 'ro', 'se', 'sk', 'sr'	*Autodetected from your device locale*

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Security Options

Setting key	Setting name	Description	Possible values	Default value
`passcode`	Passcode	If specified then this passcode will be required to enter Dash's settings from the device	Any 4-digit integer	
`displayMode`	Label meetings with	How to show meeting titles	'`title`': *Meeting title* '`organizer`': *Meeting organizer name or email* '`none`': *No title or organizer*	'`title`'
`attendeesMode`	Display attendees as	How to show attendees	'`full`': *List and count* '`count`': *Count only* '`none`': *No list or count*	'`full`'
`eventDetails`	Display meeting details	Whether to display full meeting details when a user selects a meeting from the schedule display	`true/false`	*true*

Optional Features

Setting key	Setting name	Description	Possible values	Default value
`allowEnd`	Allow ending meetings	Allow users to end a currently in-progress meeting	`true/false`	*true*
`endMode`	When ending	Sets Dash's behaviour when a user ends a meeting from the display..	'`delete`': *Remove the current meeting from the calendar* '`endNow`': *Change the meeting's end time*	*'endNow'*
`allowExtend`	Allow extending meetings	Allow users to extend a currently in-progress meeting	`true/false`	*true*
`allowCheckIn`	Allow check-in	When true, a meeting must be checked in 10 minutes after it starts or it is ended by Dash	`true/false`	*false*
`allowBooking`	Allow booking	Allow users to book the room	`true/false`	*true*
`bookingMessage`	Users can set a message when booking	Allow users to specify a title and message for the booking	`true/false`	*false*
`allowFindRooms`	Find free rooms	Allow users to find free rooms	`true/false`	*true*
`findRooms`	Please see the *Calendar Settings* section of this document for details.			

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Appearance and Branding

Setting key	Setting name	Description	Possible values	Default value
`backgroundImage`	Background image	Background image for the main screen	A URL or local path on the device. URLs must start with 'http' or 'https' `https://example.com/bg.jpg` or `/data/bg.jpg`	
`logo`	Logo image	Logo image displayed at the top of the main screen	A URL or local path on the device. URLs must start with HTTP or HTTPS `https://example.com/bg.jpg` or `/data/bg.jpg`	
`backgroundColor`	Background color	The background color of the main screen	Any valid CSS color	`'#1d233b'`
`textColor`	Text color		Any valid CSS color	`'#ffffff'`
`highlightColor`	Button color		Any valid CSS color	`'#5bc0be'`
`buttonTextColor`	Button text color		Any valid CSS color	`'#ffffff'`
`dialogBackground`	Dialog background color	The background color of dialogs and modals	Any valid CSS color	`'#1d233b'`
`roomFreeColor`	Room free		Any valid CSS color	`'#00000044'`
`roomAlmostBookedColor`	Room almost booked		Any valid CSS color	`'#f2aa00'`
`roomBookedColor`	Room booked		Any valid CSS color	`'#fa3271'`

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