

White Paper

Mobile Device Management

Fabasoft Folio 2026

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1 Introduction

The Fabasoft Folio App for iOS and Android can be configured via a Mobile Device Management System (MDM).

- Most MDM settings are considered as preferred settings, which means that changes made by the user itself are not overridden.
- Settings that can be forced require setting a separate key. This key must have the prefix of the key to force and must end with `.Forced`.
- Settings that are force by default have the prefix `.Forced`.

The configuration will be evaluated as defined by the following matrix:

Configured by User	Configured by MDM	Forced by MDM	Result
			Default Value
	X		Configured by MDM
		X	Default Value
	X	X	Configured by MDM
X			Configured by User
X	X		Configured by User
X		X	Configured by User
X	X	X	Configured by MDM

2 Apple iOS

The Fabasoft Folio app supports the following MDM settings:

Key	Type	Required	Description
ShowSupportWhenUserShake	boolean	no	Defines whether the support dialog should be opened when the user shakes the device. Value can be <code>true</code> or <code>false</code> .
ShowSupportWhenUserShake.Forced	boolean	no	Defines whether the setting for ShowSupportWhenUserShake should

			be forced from MDM. Value can be true or false.
ShowSupportWhenUserTakeScreenshot	boolean	no	Defines whether the support dialog should be opened when the user takes a screenshot. Value can be true or false.
ShowSupportWhenUserTakeScreenshot.Forced	boolean	no	Defines whether the setting for ShowSupportWhenUserTakeScreenshot should be forced from MDM. Value can be true or false.
ShowPreviewForWorklistFolders	boolean	no	Defines whether folders opened from the worklist should be shown as PDF overview. Value can be true or false.
ShowPreviewForWorklistFolders.Forced	boolean	no	Defines whether the setting for ShowPreviewForWorklistFolders should be forced from MDM. Value can be true or false.
ReduceImageSizeForUploadOption	integer	no	Defines the option for reducing the image size for uploads. Value can be 0 (original size), 1 (large), 2 (medium), 3 (small), or 4 (ask user every time).
ReduceImageSizeForUploadOption.Forced	boolean	no	Defines whether the setting for ReduceImageSizeForUploadOption should be forced from MDM. Value can be true or false.
SyncOnLan.Disabled.Forced	boolean	no	Defines whether the feature LAN synchronization is available. Value can be true or false.
SyncOnLan.Port.Forced	integer	no	Defines the port which will be used for the LAN synchronization service.
SyncOnLan.SSIDs	array	no	Defines the trusted networks in which LAN synchronization can be used. The defined values from MDM cannot be altered by the user. The user might define additional trusted networks. Value must be an array of strings.

SyncOnLan.SSIDs.Forced	boolean	no	Defines whether the setting for SyncOnLan.SSIDs should be forced from MDM. Value can be <code>true</code> or <code>false</code> .
Services	array	no	Defines the available services for the user. Value must be an array of dictionaries, see description below.
Services.Forced	boolean	no	Defines whether the setting for Services should be forced from MDM. Value can be <code>true</code> or <code>false</code> . When <code>true</code> , all other defined services will be removed and adding new services is disabled. When <code>false</code> , the services will be added to the list of available services.
OptionalPasscode	boolean	no	Defines whether the user can decide if the passcode should be activated or disabled. When not set the passcode is always active and cannot be disabled. Value can be <code>true</code> or <code>false</code> .

Each entry in the `Services` array is a dictionary (`dict`) and must contain the following settings:

Key	Type	Required	Description
Service	dict	yes	Dictionary container for values.
Service.URL	string	yes	Defines the webserver URL. Value must be a valid URL.
Service.Name	string	yes	Defines the name for the service. Value can be any string.
Service.LoginMethod	integer	no	Defines the login method for the service. Value can be 1 (basic authentication), 2 (client certificate authentication) or 3 (single sign-on).
Service.Username	string	no	Defines the user's login username for the service. Value can be empty or any string.

Service.KeepSignedIn	boolean	no	Defines whether the user should stay logged in. Value can be <code>true</code> or <code>false</code> .
Service.DomainType	string	no	Defines the domain type of the service. Value can be "Folio", "eGov" or "Cloud".
Service.Forced	boolean	no	Defines whether the settings "LoginMethod", "Username" and "KeepSignedIn" should be forced from MDM. Value can be <code>true</code> or <code>false</code> . When <code>true</code> , all valid values will be forced. When <code>false</code> , the MDM values will be used when no user configured values are available.

2.1 Example

Configuration Example

```
<?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">
<dict>
  <key>ShowSupportWhenUserShake</key>
  <false/>
  <key>ShowSupportWhenUserShake.Forced</key>
  <false/>
  <key>ShowSupportWhenUserTakeScreenshot</key>
  <true/>
  <key>ShowSupportWhenUserTakeScreenshot.Forced</key>
  <false/>
  <key>ShowPreviewForWorklistFolders</key>
  <true/>
  <key>ShowPreviewForWorklistFolders.Forced</key>
  <false/>
  <key>ReduceImageSizeForUploadOption</key>
  <integer>0</integer>
  <key>ReduceImageSizeForUploadOption.Forced</key>
  <false/>
  <key>SyncOnLan.Disabled.Forced</key>
  <false/>
  <key>SyncOnLan.Port.Forced</key>
  <integer>17096</integer>
  <key>SyncOnLan.SSIDs</key>
  <array>
    <string>My WiFi1 SSID</string>
    <string>My WiFi2 SSID</string>
  </array>
  <key>SyncOnLan.SSIDs.Forced</key>
  <false/>
  <key>Services</key>
  <array>
    <dict>
      <key>Service.Name</key>
```

```

    <string>My Fabasoft Folio</string>
    <key>Service.URL</key>
    <string>https://myfolio.example.com/fsc</string>
    <key>Service.LoginMethod</key>
    <integer>1</integer>
    <key>Service.Username</key>
    <string>MyUser</string>
    <key>Service.KeepSignedIn</key>
    <true/>
    <key>Service.DomainType</key>
    <string>Folio</string>
    <key>Service.Forced</key>
    <false/>
  </dict>
</array>
<key>Services.Forced</key>
<true/>
<key>OptionalPasscode</key>
<true/>
</dict>
</plist>

```

2.2 Alternative Format for Services Configuration

Some MDM systems do not support nested dictionaries (`dict`), therefore it is not possible to configure services using the key "Services". As an alternative services can be configured using multiple arrays. To use the alternative format the key "Services" must be replaced with the following values:

Key	Type	Required	Description
Services.List.URL	array	no	Defines the available services for the user. Value must be an array of strings, see description below.
Services.List.Name	array	no	Defines the available services for the user. Value must be an array of strings, see description below.
Services.List.LoginMethod	array	no	Defines the login methods for the services. Value must be an array of integers, see description below.
Services.List.Username	array	no	Defines the users' login usernames for the services. Value must be an array of strings, see description below.
Services.List.KeepSignedIn	array	no	Defines whether the users should stay logged in. Value must be an array of integers, see description below.

<code>Services.List.Domain Type</code>	array	no	Defines the domain types of the services. Value must be an array of strings, see description below.
<code>Services.List.Forced</code>	array	no	Defines whether the settings "LoginMethod", "Username" and "KeepSignedIn" should be forced from MDM. Value must be an array of integers, see description below.

Each entry in the `Services.List.Name/Services.List.URL` array is a string (`string`). The number of entries in both arrays must match.

The entries in `Services.List.Name` define the names for the services. Values can be any string. The entries in `Services.List.URL` define the URLs for the services. Values must be unique. Values must be a valid URL.

Multiple services with the same URL are not allowed. When multiple services with the same URL are configured, the name from the last configured entry will be used.

All other keys starting with `Services.List` are optional and can be omitted, but if a key is specified the number of its entries must match `Services.List.Name/Services.List.URL`.

For possible values of settings starting with `Services.List` see their equivalent settings in chapter 2 "Apple iOS".

The values of `Services.List.KeepSignedIn/Services.List.Forced` must be integer arrays because of the MDM specification, but they are treated like Boolean values ("0" is "false", other values are "true").

2.2.1 Example

Configuration Example

```
<?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">
<dict>
  <key>Services.List.Name</key>
  <array>
    <string>My Fabasoft Folio</string>
  </array>
  <key>Services.List.URL</key>
  <array>
    <string>https://myfolio.example.com/fsc</string>
  </array>
  <key>Services.List.LoginMethod</key>
  <array>
    <integer>1</integer>
  </array>
  <key>Services.List.Username</key>
  <array>
    <string>MyUser</string>
  </array>
  <key>Services.List.KeepSignedIn</key>
  <array>
    <integer>1</integer>
  </array>
</dict>
</plist>
```

```

<key>Services.List.DomainType</key>
<array>
  <string>Folio</string>
</array>
<key>Services.List.Forced</key>
  <integer>0</integer>
</array>
</dict>
</plist>

```

3 Android

The Fabasoft Folio app supports the following MDM settings:

Key	Type	Required	Description
ShowSupportWhenUserShake	boolean	no	Defines whether the support dialog should be opened when the user shakes the device. Value can be true or false.
ShowSupportWhenUserShake.Forced	boolean	no	Defines whether the setting for ShowSupportWhenUserShake should be forced from MDM. Value can be true or false.
ShowPreviewForWorklistFolders	boolean	no	Defines whether folders opened from the worklist should be shown as PDF overview. Value can be true or false.
ShowPreviewForWorklistFolders.Forced	boolean	no	Defines whether the setting for ShowPreviewForWorklistFolders should be forced from MDM. Value can be true or false.
ReduceImageSizeForUploadOption	integer	no	Defines the option for reducing the image size for uploads. Value can be 0 (original size), 1 (large), 2 (medium), 3 (small), or 4 (ask user every time).
ReduceImageSizeForUploadOption.Forced	boolean	no	Defines whether the setting for ReduceImageSizeForUploadOption should be forced from MDM. Value can be true or false.
SyncOnLan.Disabled.Forced	boolean	no	Defines whether the feature LAN synchronization is available. Value can be true or false.

<code>SyncOnLan.Port.Forc</code> <code>d</code>	<code>integer</code>	<code>no</code>	Defines the port which will be used for the LAN synchronization service.
<code>SyncOnLan.SSIDs</code>	<code>bundle_array</code>	<code>no</code>	Defines the trusted networks in which LAN synchronization can be used. The defined values from MDM cannot be altered by the user. The user might define additional trusted networks. Value must be an array of bundles, see description below.
<code>SyncOnLan.SSIDs.Forc</code> <code>ed</code>	<code>boolean</code>	<code>no</code>	Defines whether the setting for <code>SyncOnLan.SSIDs</code> should be forced from MDM. Value can be <code>true</code> or <code>false</code> .
<code>Services</code>	<code>bundle_array</code>	<code>No</code>	Defines the available services for the user. Value must be an array of bundles, see description below.
<code>Services.Forced</code>	<code>boolean</code>	<code>no</code>	Defines whether the setting for <code>Services</code> should be forced from MDM. Value can be <code>true</code> or <code>false</code> . When <code>true</code> , all other defined services will be removed and adding new services is disabled. When <code>false</code> , the services will be added to the list of available services.
<code>OptionalPasscode</code>	<code>boolean</code>	<code>no</code>	Defines if the passcode is optional or not. Value can be <code>true</code> or <code>false</code> .

Each entry in the `SyncOnLan.SSIDs` array is a bundle and must contain the following values:

Key	Type	Required	Description
<code>SyncOnLan.SSID</code>	<code>bundle</code>	<code>yes</code>	Bundle container for value.
<code>SyncOnLan.SSID.Value</code>	<code>string</code>	<code>yes</code>	Defines the SSID of a trusted network in which LAN synchronization can be. Value can be any string.

Each entry in the `Services` array is a bundle and must contain the following settings:

Key	Type	Required	Description
Service	bundle	yes	Bundle container for values.
Service.Name	string	yes	Defines the name for the service. Value can be any string.
Service.Url	string	yes	Defines the webserver URL. Value must be a valid URL.
Service.LoginMethod	integer	no	Defines the login method for the service. Value can be 1 (basic authentication), 2 (client certificate authentication) or 3 (single sign-on).
Service.Username	string	no	Defines the user's login username for the service. Value can be empty or any string.
Service.KeepSignedIn	boolean	no	Defines whether the user should stay logged in. Value can be <code>true</code> or <code>false</code> .
Service.DomainType	string	no	Defines the domain type of the service. Value can be "Folio", "eGov" or "Cloud".
Service.Forced	boolean	no	Defines whether the settings "LoginMethod", "Username" and "KeepSignedIn" should be forced from MDM. Value can be <code>true</code> or <code>false</code> . When <code>true</code> , all valid values will be forced. When <code>false</code> , the MDM values will be used when no user configured values are available.

3.1 Example

Configuration Example

```
<restrictions xmlns:android="http://schemas.android.com/apk/res/android">
  <restriction
    android:defaultValue="true"
    android:key="ShowSupportWhenUserShake"
    android:restrictionType="bool">
  </restriction>
</restrictions>
```

```

        android:defaultValue="false"
        android:key="ShowSupportWhenUserShake.Forced"
        android:restrictionType="bool">
</restriction>
<restriction
    android:defaultValue="false"
    android:key="ShowPreviewForWorklistFolders"
    android:restrictionType="bool">
</restriction>
<restriction
    android:defaultValue="false"
    android:key="ShowPreviewForWorklistFolders.Forced"
    android:restrictionType="bool">
</restriction>
<restriction
    android:defaultValue="0"
    android:key="ReduceImageSizeForUploadOption "
    android:restrictionType="integer">
</restriction>
<restriction
    android:defaultValue="false"
    android:key="ReduceImageSizeForUploadOption.Forced"
    android:restrictionType="bool">
</restriction>
<restriction
    android:defaultValue="false"
    android:key="SyncOnLan.Disabled.Forced"
    android:restrictionType="bool">
</restriction>
<restriction
    android:defaultValue="17096"
    android:key="SyncOnLan.Port.Forced"
    android:restrictionType="integer"
</restriction>
<restriction
    android:key="SyncOnLan.SSIDs"
    android:restrictionType="bundle_array">
    <restriction
        android:key="SyncOnLan.SSID"
        android:restrictionType="bundle">
        <restriction
            android:defaultValue=""
            android:key="SyncOnLan.SSID.Value"
            android:restrictionType="string">
        </restriction>
        </restriction>
    </restriction>
</restriction>
<restriction
    android:defaultValue="false"
    android:key="SyncOnLan.SSIDs.Forced"
    android:restrictionType="bool">
</restriction>
<restriction
    android:key="Services"
    android:restrictionType="bundle_array">
    <restriction
        android:key="Service"
        android:restrictionType="bundle">
        <restriction
            android:defaultValue="My Fabasoft Folio"
            android:key="Service.Name"
            android:restrictionType="string">
        </restriction>
        <restriction
            android:defaultValue="https://myfolio.example.com/fsc"
            android:key="Service.Url"
            android:restrictionType="string">

```

```

    </restriction>
    <restriction
        android:defaultValue="1"
        android:key="Service.LoginMethod"
        android:restrictionType="integer">
    </restriction>
    <restriction
        android:defaultValue="MyUser"
        android:key="Service.Username"
        android:restrictionType="string">
    </restriction>
    <restriction
        android:defaultValue="true"
        android:key="Service.KeepSignedIn"
        android:restrictionType="bool">
    </restriction>
    <restriction
        android:defaultValue="Folio"
        android:key="Service.DomainType"
        android:restrictionType="string"
        android:title="Domain type of the service">
    </restriction>
    <restriction
        android:defaultValue="false"
        android:key="Service.Forced"
        android:restrictionType="bool">
    </restriction>
    </restriction>
</restriction>
<restriction
    android:defaultValue="false"
    android:key="Services.Forced"
    android:restrictionType="bool">
</restriction>
<restriction
    android:defaultValue="false"
    android:key="OptionalPasscode"
    android:restrictionType="bool">
</restriction>
</restrictions>

```