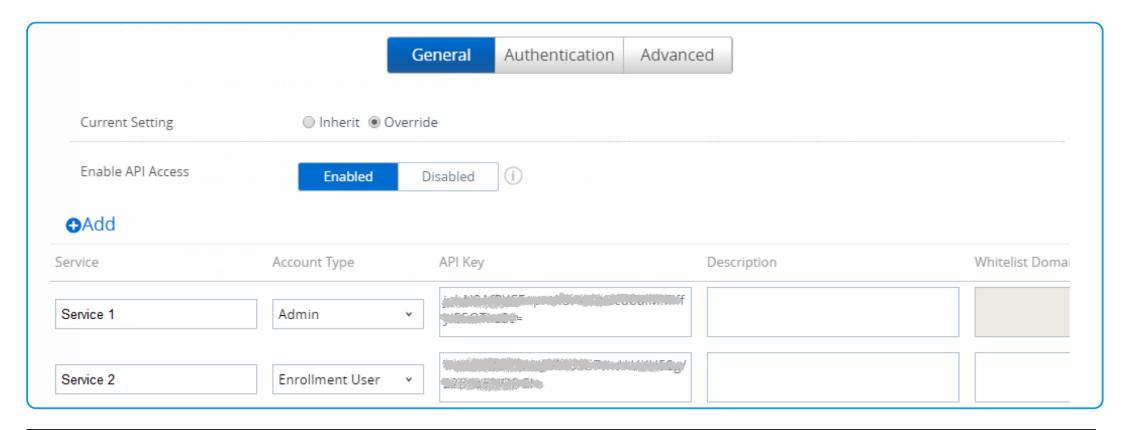
AirWatch programming extensions REST API, AppConfig, SDK, AppWrapping

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AirWatch REST API

From the AirWatch Console main menu, navigate to **Groups & Settings > All Settings > System > Advanced > API > REST API**.



(New) API URI Example – https://host/api/mam/apps/public/{applicationid}/smartgroup/{smartgroupid}

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AirWatch REST API

Example – upload S/MIME certificates for users

```
<?php
$url = 'https://<host>/API/v1/system/users/23/uploadsmimecerts';
$ch = curl init($url);
curl setopt($ch, CURLOPT HEADER, true);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_BASIC);
curl_setopt($ch, CURLOPT_USERPWD, "Administrate
curl_setopt($ch, CURLOPT_HTTPHEADER, array('Content-Type: application/json', 'aw-tenant-code:
        AAG6A7RAADOA')):
$post data addsmimecerts = array(
    "Signing"=>array("CertificatePayload"=>"< ... Base64 cert text>", "Password"=>"qwerty"),
    "Encryption"=>array("CertificatePayload"=>"< ... Base64 cert text >", "Password"=>"qwerty"));
$json_post_data_addsmimecerts = json_encode($post_data_addsmimecerts);
curl setopt($ch, CURLOPT POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, $json_post_data_addsmimecerts);
echo curl_exec($ch);
curl_close($ch);
?>
```













An open, collaborative ecosystem with shared beliefs

Provide consistent approach for enterprise app configuration and security

Simplify app development and deployment for developers

Accelerate adoption of transformational business apps



Challenges solved by AppConfig









Requires building and maintenance of proprietary SDK for each app

Increases overall bandwidth on development teams

Not scalable and greatly limits enterprise app ecosystem

Lowers adoption due to user experience

Introducing Workspace ONE OS MAM

OS MAM

Special permission set in OS enables

AppConfig apps to be secured and

configured without managing the device

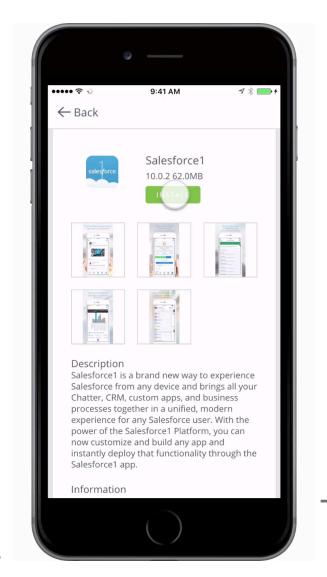




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Even

Salesforce1 with Workspace ONE OS MAM and AppConfig











AirWatch Software Development Kit (SDK)

Function	Platfrom	Support
App Configuration	iOS	Yes
	Android	Yes
App Passcode	iOS	Recommended
	Android	Recommended
App Tunneling	iOS	Yes
	Android	Yes
SSO NTLM / Basic	iOS	Recommended
	Android	Recommended
SSO Certificates	iOS	Recommended
	Android	Recommended
Disable Copy/Paste	iOS	Recommended
	Android	Yes
Managed Open In / File Sharing	iOS	Yes
	Android	Yes
Prevent Screenshot	iOS	No
	Android	Yes
Prevent Backup	iOS	No
	Android	No
Encryption	iOS	No
	Android	Yes

AirWatch App Wrapping

Function	Platfrom	Support
App Configuration	iOS	No
	Android	No
App Passcode	iOS	Yes
	Android	Yes
App Tunneling	iOS	Yes
	Android	Yes
SSO NTLM / Basic	iOS	Yes
	Android	Yes
SSO Certificates	iOS	Yes
	Android	No
Disable Copy/Paste	iOS	Yes
	Android	Yes
Managed Open In / File Sharing	iOS	Yes
	Android	Yes
Prevent Screenshot	iOS	No
	Android	Yes
Prevent Backup	iOS	No
	Android	No
Encryption	iOS	No
	Android	Yes

AirWatch AppConfig vs. SDK vs. AppWrapping

	Primary Use Case	Supported App Types	Development Effort	Deployment
AppConfig.org	An open and native approach ideal for most common use cases	Public Internal	Many capabilities such as app tunnel require no dev effort. Other Functions may require coding. Documented at AppConfig.org	iOS, MDM & Android for Work* Enrolled devices only
SDK	Code library for use cases requiring deeper integration with AirWatch	Public Internal	App developer required to use AirWatch SDK in app. Sample code and documentation available.	Any
Wrapping	Provides a subset of SDK functionality, only compatible with specific types of app development platforms and libraries	Internal	App developer only required if an app is not using AirWatch approved development platforms and libraries.	Most**

AirWatch Literature

https://my.air-watch.com

- VMware AirWatch REST API Guide
- AirWatch Developer Cookbook
- VMware AirWatch Android SDK Technical Implementation Guide
- VMware AirWatch iOS SDK Technical Implementation Guide

Thank you!

Questions?

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