

PrinterOn Mobile App MDM/MAM

Basic Integration Guide



mobile printing solutions | enterprise | education | public printing locations

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Overview

The PrinterOn Mobile Apps introduce key features and functionality that are intended to provide a significant improvement in the overall print workflow and user experience compared to other mobile device printing solutions.

In addition, the PrinterOn mobile apps, along with integrations to key Mobile Device Management (MDM) and Mobile Application Management (MAM) providers, provide increased security and flexibility.

This document describes how the PrinterOn applications integrate with these MDM/MAM providers, and how to take advantage of their features.

Supported PrinterOn MDM/MAM integrations

While most MDM/MAM providers offer basic app distribution and management, PrinterOn has provided additional integrations with the following MDM/MAM providers:

- AirWatch
- BlackBerry
- MobileIron
- Citrix
- Microsoft

This document provides configuration and integration information for each of these MDM/MAM providers.

Benefits of integrating PrinterOn with MDM/MAM solutions

While features offered by each MDM/MAM provider vary, PrinterOn has integrated SDKs to provide the best integration. The following is a small list of key benefits offered by the PrinterOn MDM-integrated apps:

Benefit	Description
Simplified Distribution	 Fully integrated with vendor-supplied tools to simplify the app distribution and user-enablement process.
	 When used alongside PrinterOn's strongly integrated central configuration, administrators can deploy and enable mobile apps with minimal effort.
Network Security	 Supports MDM/MAM network security solutions, such as AirWatch MAG, BlackBerry Proxy, MobileIron Sentry, Citrix XenMobile, and Microsoft Intune.
	 Allows administrators to manage per-application approved network and server access.
	 Allows secure access to internal PrinterOn servers without opening additional inbound ports.
Centralized Configuration	 Supports the creation and distribution of configuration profiles using MDM/MAM vendor-supplied tools.
	 Simplifies large scale deployments by reducing and eliminating the need for users to configure their PrinterOn print services.
	 Locks users to a single approved PrinterOn corporate service, eliminating data leakage.
Containerization	Supports MDM/MAM Productivity App Integration.
Support	Ensures the highest level of security for document sharing on-device.
	 Allows other MDM/MAM-managed apps to securely share documents with PrinterOn to enable print support.
Encryption	 Encryption independent of the device itself secures corporate data, even if the device passcode is compromised.
Data Loss Prevention	 Supports pushing enforcement and integration with administrator- defined data loss prevention policies to devices.
App Authorization and Authentication	 Allows only provisioned and approved apps to be used by users working with vendor supplied tools.
	 Enforces per-application authentication and integrates with vendor- supplied authentication services.

Overview

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Integrating PrinterOn with AirWatch

In addition to the standard PrinterOn Mobile App, PrinterOn also provides an AirWatch-specific mobile app that adds AirWatch libraries and frameworks to the standard PrinterOn app. By providing an app that tightly integrates AirWatch SDKs, administrators and organizations can benefit from increased security and app control including:

- Improved data loss protection through containerization
- Greater analytics
- Improved compliance

Enabling the PrinterOn for AirWatch App

The following provides an overview of the app enablement process for AirWatch. Additional details and configurations can be found in the AirWatch documents.

Adding AirWatch Smart Groups

AirWatch uses Smart Groups to organize devices. Before starting the PrinterOn for AirWatch configuration, ensure that a Smart Group is created to assign to application. Assigning an App to a Smart Group will allow the application and configuration options to be send to devices.

To add a Smart Group:

- 1. Under the Groups & Settings section (select List View), click Groups.
- 2. Click the Smart Groups tab.
- 3. Click Add Smart Group.

Note: By default, when you create a new Smart Group, all available devices are automatically added.

4. Enter a Name for the Smart Group.

haven Terrer Coloris Coloris			Name		
noose type: Select Criteria [Select Device		Devices in Smart Gro	oup		Managed By Princer
Organization Group	All	6 devices in group (6 total enr	olled devices)		
_		Enter user name or device n	ame.		(
PrinterOn		Device Name	Username	Ownership	Platform/O5/Mo
User Group	Any	Android_Nexus 5_35823	hhan	С	Android / 5.1.1 / An
Ownership	All	Android_Nexus 4_35513	hhan	с	Android / 5.1.1 / An
Any		Android_GT-P5113_null	hhan	E	Android / 4.2.2 / An
Selected		Android_GT-P5210_null	hhan	E	Android / 4.4.2 / An
Corporate		PrinterOn's iPhone 5c	hhan	E	Apple iOS / 8.4.0 / i.
Shared		Android_SGH-M919_359	hhan	с	Android / 4.4.4 / An

5. Click Save.

You'll use this Smart Group later to send the PrinterOn for AirWatch App to user's devices.

Adding the PrinterOn for AirWatch App

This documentation assumes you have access to and are logged into the AirWatch Console.

- 1. Under the Apps & Books section (select List View), click the Public tab.
- 2. Click Add Application.



- 3. In the Add Application page, specify the criteria used to locate the PrinterOn app:
 - a) In the Managed By field, type PrinterOn.
 - b) From the **Platform** drop-down, select **Apple iOS** or **Android**, depending on your desired configuration.
 - c) In the Name field, specify PrinterOn AirWatch.
 - d) Enable Search App Store.

Managed By*	PrinterOn)
Platform*	Apple iOS	•
Name*	PrinterOn	

4. From the list of applications returned, select PrinterOn for AirWatch.



- 5. Review and update the information on the Add Application info Page.
- 6. Click the **Deployment** tab.
- Locate the Application uses AirWatch SDK setting and set the value to Yes. This allows AirWatch to provide additional options and configuration for the application.



- 8. Click the Assignment tab.
- 9. Select the Smart Group to which the app will be deployed.

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	αp	ip

10. Click Save & Publish.

The PrinterOn app is now available in the list of published applications. Changes can now be applied to the configuration.

airwatch		PrinterOn	-						
	~ Applications		cs 🔉 Appli	cations >					
+Ub	List View	List Vie	w						
- 101200	Orders	Internal	Public	Purchased					
Devices	Redemption Codes	Add Appl	ication Q	Run Reputation A	nalysis				
450	> Analytics	Platform			Status			Reputation Analysis	
Accounts	> Settings	AI		•	All			(All	٠
	> Books	ProductType: A	pp						
Apps & Books	> Orders	🔄 Icon	Name			A	Platform	0/0/1	
	Settings 🔅	- 🖉	Printer Printer	rOn for AlrWatch Dn 会会会			Apple	Not Assigned	0
_		items 1-1 of 1							

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Integrating PrinterOn with BlackBerry Dynamics

BlackBerry Dynamics provides a secure framework for you to deploy partner applications. These BlackBerry Dynamics applications such as the PrinterOn for BlackBerry app are certified by BlackBerry.

Overview of BlackBerry Dynamics print service integration

The PrinterOn for BlackBerry app offers a tightly integrated print workflow within the BlackBerry Dynamics ecosystem. The PrinterOn for BlackBerry app is fully integrated with the BlackBerry Dynamics Shared Services framework as a registered Print Service, so that applications that offer printing can use the PrinterOn for BlackBerry app.

The app supports the **Print File Service** (com.good.gdservice.print-file); customers with internally developed applications wanting to print securely from their application can easily integrate with PrinterOn by registering for the Print File Service.

3:37 PM No SIM 穼 3:48 PM 100% 🔳 3:54 PM IO SIM 3 O SIM ? 3:49 PM Files for PAS Test ΓÎ 4 < Edit Close PrinterOnCorporateOver... Close PrinterOnCorporateOver... ASCII Text (j) **Big Files** (i) Map_URL.doc (i) 25.5 KB 13 at 11:29 AM Sending to PrinterOn for Good... MapURLS.doc (j) 25.5 KB Save Cancel Thai Language.doc (j) Add to Offline Files 24.0 KB Add to Bookmarks xml version.doc i 24.0 KB Page 1/4 11/26/13 at 11:32 AM Print บท เรียนภาษาไ...รู้ภาษาไทย.doc (i) ₿ No Printer Selected Open In... Tap here to select a printe QA doc 2010.docx Cancel Print (i) Cancel 30.7 KB /13 at 11:31 AM Good Share. Select Print. Print! Job is sent to the PrinterOn Mobile App.

This integration offers a secure and intuitive workflow for users wanting to print.

Enabling the PrinterOn for BlackBerry app

The section below describes how to deploy the PrinterOn for Berry app.

Note: You can also deploy the standard PrinterOn Mobile App. Publishing the standard PrinterOn app is similar to publishing any other public application.

These are three required steps to make the app available to users:

- 1. Request to the PrinterOn for BlackBerry app from the BlackBerry Dynamics Marketplace.
- 2. PrinterOn publishes the app to your GoodControl Console (GC).
- 3. Deploy the PrinterOn for BlackBerry app to users.



The PrinterOn for BlackBerry app cannot be registered in your GoodControl Console (GC) without requesting PrinterOn to publish the application to you. Once the app is published to you, it is visible in your GC.

Before PrinterOn can publish any applications to your GD organization, you must first request the application from within the BlackBerry Dynamics Marketplace.

Note: The PrinterOn for BlackBerry app is published on GC's registered to your GD organization. Select **Manage License** from the Cockpit page to confirm you own the GC servers. If you are a member of your company's GDN Enterprise group, your should make the request on behalf of your company rather than on your own behalf.

Requesting the PrinterOn for BlackBerry app

To request the PrinterOn for BlackBerry app:

- 1. Browse to the BlackBerry Marketplace and locate the PrinterOn for BlackBerry application. You can locate it in one of the following ways:
 - Navigating to https://apps.good.com/#/apps/ com.printeron.printeron.good.
 - Looking under the Mobile Printing category.

ARKETPLACE ENTERPRISE SOFTWARE		BECOME AN ISV PARTNEI
PrinterOn for BlackBerry PrinterOn ₩ € START TRIAL>	CATEGORIES DEVELOPER Developer Website LISTING UPDATED Jun 20, 2017	DOCUMENTATION Data Sheet
DESCRIPTION As a BlackBerry customer, enjoy the same great capabilities of PrinterOn Enterprise mobile printing platform with the added app security and management capabilities provided by the BlackBerry Dynamics® Secure Mobility Platform.	PLATFORM DETA Version: 3.5 Minimum OS: IOS 8.0 Registered Date: 12/05 Go to iTunes	AILS: Phone Androst

2. Click Start Trial.

3. Review the form and indicate if you would like the publisher to arrange a trial or production license. Click **Start Trial**.

PrinterOn handles all aspects of the application licensing, so any change from trial to production can be managed without making a further request from the catalog.

Publishing the PrinterOn for BlackBerry app to your GC

Once you request the PrinterOn for BlackBerry app:

- PrinterOn is notified of your request.
- You will receive email confirmation that the request has been sent and you'll receive the contact details for the publisher.
- You will be informed by email once PrinterOn publishes the application to you.

Once published, the PrinterOn for BlackBerry app immediately appears in all GC consoles within your organization. You can select **Manage Application** from within your GC to confirm its presence.

Note: If the PrinterOn for BlackBerry app is not listed in your GC, it is likely that the GC server you are using is not assigned to your GDN account. Please check your Server & Licenses within the BlackBerry Dynamics Network and contact support if you need assistance.

Deploying the PrinterOn for BlackBerry app

Once the PrinterOn for BlackBerry app is visible in your GC console, you can deploy it to your end users in the same way as any other BlackBerry Dynamics application.

To deploy the app:

- 1. Select the User or Group you wish to entitle to use the PrinterOn App.
- 2. Select against Allowed Applications.

3. Filter the view by Partner Apps and select the required application.

Note: You should entitle ALL application versions so when PrinterOn releases an update users have permission to run the latest application.

DASHBOARD	Manage Applications		
USERS Manage Users Add Users Administrators	0 Blacklist 0 Whitelist		
APPS	ENTERPRISE BLACK	KLIST WHITELIST	
Manage Apps	Contraction of the		
Manage Services		✓ X	TOTAL APPLICATIONS: 48
App Groups			i i
POLICIES	NAME		TYPE ACTIONS
Policy Sets	NAME	GD AFFEICA IION ID	TIPE ACTIONS
Device Policies			
Device Configurations	Box for Good	com.box.goodios	Partner
SETTINGS			
Servers	PrinterOn for Good	comprinteron printeron good	Partner
Certificates			

4. Provision an Access Key for each user who requires the application.

Note: Please see the help documentation in your GC Console for further instructions on entitling an application and provisioning an Access Key.

5.

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Integrating PrinterOn with MobileIron

In addition to the standard PrinterOn Mobile App, PrinterOn also provides a MobileIron-specific mobile app for iOS:

- The iOS app adds MobileIron libraries and frameworks to the standard PrinterOn app, tightly integrating the MobileIron SDKs and offering increased security and app control including:
 - Improved data loss protection through containerization
 - Greater analytics
 - Improved compliance

For configuration information, see Setting up the PrinterOn for MobileIron app for iOS.

Setting up the PrinterOn for MobileIron app for iOS

Setting up the PrinterOn for MobileIron app for iOS, you'll need to:

- 1. Enable the PrinterOn app for MobileIron.
- 2. Configure the PrinterOn app for MobileIron.
- 3. Deploy configurations based on labels.
- 4. Optionally, you can also create an AppTunnel for the PrinterOn app.

Enabling the PrinterOn for MobileIron app for iOS

To add the iOS-specific PrinterOn for MobileIron app to MobileIron, you'll need to:

- 1. Import the app into MobileIron from the Apple App Store.
- 2. Apply the iOS label to the app.

Importing the app from the Apple App Store

This documentation assumes you have access to and are logged into the MobileIron Admin Portal.

To import the app into MobileIron:

- 1. In the MobileIron Admin Portal, click Apps > App Catalog.
- 2. In the Select Platform drop-down, select iOS.
- 3. Click App Store Import.
- 4. In the App Name field, type PrinterOn.
- 5. Select the appropriate country.
- 6. Click Search.
- 7. From the results, locate the PrinterOn for MobileIron app, then click the adjacent **Import** button.



8. Click **OK**, then close the App Store Search dialog box.

- 9. On the **App Catalog** tab, click **Edit**. The **Edit App for iOS** dialog appears.
- 10. Make any desired changes, then click Save.

Next, you can apply a label to the PrinterOn for MobileIron app.

Apply the iOS label to the PrinterOn for MobileIron app

To apply the iOS label to the PrinterOn for MobileIron app:

- 1. In the MobileIron Admin Portal, click **Apps** > **App Catalog**.
- 2. Select PrinterOn Mobile.
- 3. Click Actions > Apply To Label.
- 4. Click iOS.
- 5. Click **Apply**, then click **OK**.

Next, you can add modify the PrinterOn configuration settings for the PrinterOn for MobileIron app.

Configuring the PrinterOn for MobileIron app for iOS

The PrinterOn for MobileIron application allows administrators to remotely configure the PrinterOn mobile app using existing tools provided by MobileIron. The following section describes how to configure the PrinterOn Mobile App for MobileIron and connect to a PrinterOn On-Premise server, or lock users to use the PrinterOn Hosted server.

Creating a MobileIron configuration policy for the PrinterOn app

This documentation assumes you have access to and are logged into the MobileIron Admin Portal.

Note:

To create a configuration policy for the PrinterOn for MobileIron app:

1. In the MobileIron Admin Portal, click **Policies & Configs > Add New > AppConnect > Configuration**.

¢				Co	onfiaura	itions P	olicies ActiveSvnc Polic	ies Com	pliance Policies Compliance	a Actions		
Act	ions*	Add New + Labe	ls:	All-Smartphon	63	~	Search by User	Configuration	Type: Filter by Configuration Type	Search b	y Name	
8	Name	Android	Þ.	figuration	Bundl	e/Package ID	Description	# Phones	Labels	WatchList	Quaran	tine
1	Dumm	Exchange		POLICY	forgep	ond.com.print	Default AppConnect Container .	. 0		0	0	
1	Enterp	Email		ROIDFOR				0		0	0	
1	Loggin	Wi-Fi VPN		CONFIG	forgept	ond.com.print		13	All- Smartphones, PrinterOn, Company- Owned, IOS	щ	0	
3	Printer	AppConnect	Þ	App Configura	ation	nteron printe	asd	1	PrinterOn	1	0	
1	Printer	Certificates		Container Poli	icy			6	Android	5	0	
1	Printer	Certificate Enrollment	×	ROIDFOR	-			0		0	0	
1	Printer	Docs@Work		VISIONIN			Application Provisioning Profile.	0		0	0	
I	Printer	Web@Work		ROIDFOR				0		0	0	
1	Printer	iOS and macOS	۲	CONFIG	com pr	interon droid		15	PrinterOn, Company-Owned, Android	16	0	
ij	printer	Windows	۶.	POLICY	com pr	interon printe		8	PrinterOn, Android	3	0	
1	Remot	eConfigPaylaod-Prin	AP	CONFIG	com.pr	interon printe		16	All-Smartphones, PrinterOn, IOS	15	0	
1	Remot	eConfigPayload-Ent	API	PCONFIG	com.pr	interon printe	RemoteConfigPayload	16	All- Smartphones, PrinterOn2, PrinterOn	15	0	
3	Secure	Apps Manager	API	PCONFIG	com fo	rgepond.lock	Default AppConnect Configurat.	10.0	PrinterOn, Android	5	0	
1	Secure	Apps Manager	API	PPOLICY	com fo	rgepond.lock	Default AppConnect Container	8	PrinterOn, Android	5	0	
1	System	- Apps@Work AET	AP	PENROLLM			Auto-created Windows Applicat.	. 0		0	0	
	Gerter	- Elellardt Coofins	CE.	RTIEICATE			Auto,created SCED eatting for	0		0	0	

2. Provide the basic AppConnect Configuration information:

Name	Remote Confi	g Android 4 Work				
Description	Android 4 work	k				
Application	com.printeron	.printeron.mobileiron	0			
AppTunnel Rules Enter the tunneled hosts	and their target \$	Sentry services. Drag host	rules in the orde	r that should be	evaluated.	
SENTRY	SERVICE	URL WILDCARD	PORT			
		the state of a state of the state	1.2012.1			
No records to display			1 OIL			
No records to display			- Child			
No records to display						
No records to display						
No records to display Add+						
No records to display Add+ Identity Certificate:	None	× 0				
No records to display Add+ Identity Certificate: Identity Certificate:	None	× 0				
Add+ Identity Certificate:	None	VALUE		T		
No records to display Add+ Identity Certificate: Identity Certificate: KEY	None	VALUE		T.		

Option	Description
Name	A meaningful name for the configuration policy.
Description	Optional. A description of the configuration.

Option	Description
Application	The PrinterOn app identifier. From the drop down, select PrinterOn for MobileIron .

- 3. Scroll down to the App-specific Configurations section of the dialog.
- 4. Click **Add**+, and add each of the following configuration settings to the platform-specific configuration.

VET .	VALUE		
serviceLock	yes	×	
serviceRestrict	yes	×	
otherServices	https://123.456.78.901/cps	:=China office, 💥	

Profile Setting	Value	Description
enable	yes/no	When set to a value of yes, the settings are saved to app. When set to no, the saved settings are removed from app.
serviceDescription	String	Optional. A description of the service being deployed and configured.
serviceUrl	String	The URL to be used by the application to communicate with the PrinterOn Server. This must be a fully qualified URL. For example: https://123.456.78.90:443/cps
serviceDefault	yes/no	When set to a value of yes, the serviceURL is set as the default service used by the application. In most cases, this option should be set to yes.
serviceLock	yes/no	When set to a value of yes, the serviceURL is locked; the user cannot modify the configuration.
serviceRestrict	yes/no	When set to a value of yes, the serviceURL is set as the default and the app can only communicate with the specified service URL. Users cannot query an external service (such as PrinterOn Hosted) for printers.
		When serviceRestrict is enabled, the values set for serviceDefault and serviceLock are ignored; in this case, the specified serviceURL is always the default, and is always locked.

Profile Setting	Value	Description
otherServices	String	Defines one or more alternative PrinterOn services, if your organization has multiple PrinterOn services deployed.
		Each service listed must include the service URL and an optional service description. If included, the service description is preceded with :=. Multiple services are separated by two commas ("). For example:
		https://123.456.78.901/cps:=China office,,https:// 123.456.78.902/cps,,https://123.456.78.903/cps:=Test Environment
adminInfo	String	Optional. A message sent to the device with the configuration. This message appears when the configuration is applied to the application.
showDocuments	yes/no	When set to a value of yes, the Documents button is displayed on the PrinterOn app Home screen, allowing users to access and print documents in local storage, or from cloud storage providers such as Dropbox, Box, OneDrive, and others.
		By default, this option is disabled and the Documents button is not displayed.
showEmail	yes/no	When set to a value of yes, the Email button appears on the PrinterOn app Home screen, allowing users to download and print email attachments from the app.
		By default, this option is disabled and the Email button is not displayed.
hideWeb	yes/no	When set to a value of yes, the Web button does not appear on the PrinterOn app Home screen, preventing users from using the app to print web content.
		By default, this option is disabled and the Web button is displayed.
limitReleaseQR	yes/no	When set to a value of yes, the user must scan a printer's QR code in order to release a print job to the printer. Clicking the Release button for a print job within the app automatically opens the app's QR code scanner. All other release methods are disabled.
		If the user's device does not have a camera, no Release button is displayed, and the user cannot release the print job to a printer.
		By default, this option is disabled.

Profile Setting	Value	Description
documentCacheSize	integer	Defines the size of the document cache used by the app to store print job data. The cache can be set to one of the following values
		OMB (print jobs are deleted as soon as they are uploaded)
		• 50MB
		• 100MB
		• 250MB
		• 500MB
		If any other value is specified, the app rounds down to the nearest supported cache size.
ver	1	The version. This setting must be set to a value of 1.

5. Click Save.

Deploying configurations for PrinterOn using MobileIron labels

MobileIron uses the concept of labels to push Configuration Policies to devices. You first associate a label with a Configuration Policy. Then, when you apply that label to one or more devices, the Configuration Policy is pushed to those devices.

By default, an iOS label is created when you set up MobileIron. As you add devices to the MobileIron Admin Portal, the default iOS label is automatically applied to these devices.

You can also create new labels to apply specific Configuration Policies to devices, including the policy you created for the PrinterOn for MobileIron app.

Note:

With the Configuration Policy created, you must perform the following actions:

- Create a label. If you already have existing labels, you can skip this step.
- Associate your label with your PrinterOn Configuration Policy.
- Assign the label to devices.

If you do not assign the label to devices, the associated Configuration Policy is not pushed to the PrinterOn for MobileIron app.

Creating a label

To create a label:

1. In the MobileIron Admin Portal, click Users & Devices > Labels.

~	M	obile		DASHBOARD	USEF	IS & DEVICES	ADMIN /	APPS
				Devices	Users	Labels	ActiveSync As	sociatio
A	dd Labe	al D	elete Label					
		EDI	NAME			DESIGRIPTION		
	~	0	All-Smartphone	s		Label for all dev	vices irrespective	of OS

- 2. Click Add Label. The Add Label window appears.
- 3. Enter a label **Name** and **Description**.
- 4. Click Save.

Associating the label with your PrinterOn Configuration Policy

After you create the Configuration Policy and a label, you must associate the two. When the label is later assigned to managed devices, the configuration is pushed to those devices.

To associate a label with a Configuration Policy:

- In the MobileIron Admin Console, click Policies & Configs > Configurations.
- 2. Locate and click the check box adjacent to the Configuration Policy that you created in Creating a MobileIron configuration policy for the PrinterOn app.

3. Select Actions > Apply to Label.

6		Conf	iourations	Pol	icles	ActiveSvn	c Policies	С	ompliance Policies	Compli
Actions + Add New +	Labels:	All-Smartphones			Search by	User	D Conf	igura	tion Type: Filter by C	Configuration Typ
Apply To Label		Configuration	Bundle/Packa	ge ID	Desc	# Phones	Labels		Configuration Detail	ils
Remove From Label		ANDROIDFOR				6	Android	^		
Save As	m	ANDROIDFOR				0			Remote C	onfig An
Evport	n-Hou	PROVISIONIN			Appli	0		1	nemote e	oning An
Import	3	ANDROIDFOR				0			Android 4 work	
Import	1	APPCONFIG	com.printeron.d	Iroid		16	PrinterOn,	Cc		
Delete		APPPOLICY	com.printeron.p	rinte		8	PrinterOn,	An		
Remote Config Andr	oid 4 Work	APPCONFIG	com.printeron.p	rinte	. Andr	0		~	▶ Usage	

- 4. In the Apply to Label dialog, select the label that you want to associate the Configuration Policy with.
- 5. Click Apply.

Assigning the label to devices

Once you've associate the Configuration Policy with a label, you can deploy it to devices. The Configuration Policy is deployed by assigning the associated label to all devices that should receive the configuration.

To assign the label to devices.

- 1. In the MobileIron Admin Portal, click **Devices & Users > Devices**.
- 2. Check the devices that should receive the Configuration Policy.
- 3. Click Actions > Apply to Label.

					IBOARD	US	ERS
				Co	onfiguration	s	P
D	elete	More Actions Add	l New T La	bels:	All-Smartph	ones	1
	Nam	Apply To Label	Setting Typ	е	Bundle/Pac	kage	ID
	Printe	Remove From Label	ANAGED	AP	com.printero	n.prir	nte
	Printe	erOn MobileIron In-H	PROVISION	IN			
	printe	eron-android	APPPOLICY	·	com.printero	n.prir	nte

4. Select the Label you just associated with the Configuration Policy.

	Apply	to Label			×
l		NAME	DESCRIPTION	INSTALLED	
1		PrinterOn		Partial (Applied for PDA 21, PDA 18) (Not Applied for PDA 23, PDA 24)	
		PrinterOn2		Not Applied	
		Page 1 of 1	🕨 🕅	Displaying 1 - 2 of	2
l				Cancel Apply	/

5. Click Apply.

Note: It may take a few minutes for the configuration to be applied to applications already deployed. Newly installed applications will receive the configuration immediately the first time the application is launched.

Configuring MobileIron AppTunnel for PrinterOn

MobileIron AppTunnel is an iOS per app VPN. It provides multiple options for providing secure connectivity between: applications, such as the PrinterOn for MobileIron app; and servers, such as the internal PrinterOn Server.

AppTunnel provides a secure and effective method for individual applications to access corporate resources. When users access internal content from their mobile devices, these tools acts as a secure relay between the device and internal system.

Note: MobileIron AppTunnel requires a Standalone Sentry. Please contact MobileIron to provide a Standalone Sentry.

Configuring MobileIron AppTunnel is outside the scope of this document. This section describes how to configure MobileIron AppTunnel to allow the PrinterOn for MobileIron app to access internal resources.

To configure and use the MobileIron AppTunnel, you'll need to complete the following tasks:

1. Configure the MobileIron Sentry with an AppTunnel service.

2. Configure the AppTunnel service in the AppConnect app configuration.

Configuring the MobileIron Sentry

To configure the MobileIron Sentry:

- 1. Under Settings, navigate to Sentry.
- 2. Select Add New > Standalone Sentry.
- 3. Enter the host name of the Sentry that MobileIron provides you.
- 4. Check the Enable AppTunnel setting.

New Standalone Sentry		
Sentry Host Name / IP:	111.111.111.111	
Sentry Port:	9090	
Enable ActiveSync	Enable AppTunnel	🗐 Enable Kerberos Proxy (License Required) 🚺

- 5. Configure Device Authentication settings:
 - If you already had a certificate, select Group Certificate.
 - If you created a certificate authority and a SCEP server, select Identity Certificate.
- 6. Select Upload Certificate.
 - If you already had a certificate, upload it.
 - If you created a certificate authority and a SCEP server, upload the certificate text file that you created.
- 7. In the AppTunnel Configuration section, click + to add a new service.

	0
PrinterOn Pass Through printeronserver1.company.com:443;printeronserver2.co	

8. Configure the following settings:

Option	Description
Service Name	A unique identifier for the internal server or servers to which your AppConnect app tunnels.
	Enter PrinterOn .
	Note: Entering <any> means that the app can reach any of your internal servers.</any>
Server Auth	The authentication scheme for the Standalone Sentry to use to authenticate the user to the PrinterOn server.
	Select Pass Through.
Server List	A semicolon-separated list of internal server IP addresses, or host names, including ports, that the Sentry can access.
	When you enter multiple servers, the Sentry uses a round-robin distribution to load balance the servers. That is, it sets up the first tunnel with the first internal server, the next with the next internal server, and so on.
TLS Enabled	When checked, communication will use TLS.
	Note: Although port 443 is typically used for https and requires TLS, the internal server can use other port numbers requiring TLS.
Proxy/ATC	When checked, the AppTunnel service directs traffic through a proxy server. You should only check this setting if your environment requires you to use a proxy server.
	If checked, you must also configure the Proxy Host Name / IP and Proxy Port fields.
	The proxy server is located behind the firewall and sits between the Sentry and internal resources. This deployment allows you to access corporate resources without having to open the ports that Sentry would otherwise require.

- 9. Click Save.
- 10. Click **View Certificate** on the row with your new Sentry to copy the Sentry's self-signed certificate to MobileIron Core.

Configuring the AppTunnel in the PrinterOn for MobileIron app

The AppConnect app configuration specifies the AppTunnel services that your app uses. You configured these services on the Sentry.

To configure AppTunnel on for the PrinterOn for MobileIron app configuration:

- In the MobileIron Admin Portal, click Policies & Configs > Configurations.
- 2. Select the AppConnect Configuration.
- 3. Click Edit.
- 4. In the **AppTunnel Rules** section, click **Add+** to add a new AppTunnel configuration.

		SERVICE			
No records to dis	play				
Add+ dentity Zertificate:	None	× 0			
			VALUE	0	
KEY					

- 5. Configure the AppTunnel:
 - For the URL Wildcard, enter the host name or URL of the PrinterOn server.
 - For Sentry, select the Sentry from the drop-down list.
 - For Service, select the service name from the drop-down list.

URL Wildcard	Port	Sentry	Service	
avid	443	sentry com	AVID	
nettest man com	443		DETTERT	

6. Click Save.

Setting up the PrinterOn for MobileIron app for Android

PrinterOn provides an Android-specific app for use with MobileIron which can be managed through Android Enterprise. To use Android Enterprise, you'll need to create a Google account dedicated to MobileIron.

Note: The PrinterOn for MobileIron app for Android only supports MobileIron Core 9 or later.

To add the Android-specific PrinterOn for MobileIron app to MobileIron, you'll need to complete the following tasks:

- 1. Set up MobileIron to use Android Enterprise.
- 2. Set up the Android Enterprise user group.
- 3. Create a label.
- 4. Apply the user group to the Android Enterprise configuration.
- 5. Add the PrinterOn for MobileIron app to Android Enterprise.
- 6. Add the PrinterOn for MobileIron app to the MobileIron app catalog.

Setting up MobileIron to use Android Enterprise

This section assumes you have an Android Enterprise account created specifically for MobileIron, and that you have access to and are logged into the MobileIron Admin Portal.

- 1. In the MobileIron Admin Console, click Services > Google.
- 2. Select **Support Portal**, then follow the instructions to generate and download an Android Enterprise JSON setup file.
- 3. Once the JSON file is downloaded, return to the Mobile Admin Console and go to **Services** > **Google**.
- 4. Upload the JSON file to the MobileIron Admin Console.

Note: The resulting file downloaded to your computer is saved without an extension. You'll need to upload this JSON file into the MobileIron Admin Console, but before you do, however, you'll need to rename the file with a .json extension.

- 5. In the Enterprise Apps Distribution panel, choose how users will access their MobileIron-enabled apps:
 - Google Play: Users download the apps form the Google Play store.
 - Apps@Work: Users download the apps directly from the Mobile@Work app on their devices.

Next, you'll set up the Android Enterprise user group.

Setting up the Android Enterprise user group

To set up the Android Enterprise user group:

- 1. In the MobileIron Admin Console, click Policies & Configs.
- 2. Click Add New > Android > Android enterprise.
- 3. In the New Android enterprise dialog, provide a name for the group and check the **Auto update Mobile@Work app on the devices** setting.

New Android enterprise (A	ndroid for Work) Setting	2
Name	PrinterOn for MobileIron	
Description		
	Auto update Mobile@Work app on the devices	
For Android 6.0 and hig	her only	
	Enable Runtime Permissions	
	Add Google Account	
For Android 7.0 and hig	her only	
	Always-on VPN	
	Work Challenge	
	6	Save

4. Click Save.

Next, you'll create a MobileIron label that you'll use to associate the group you just created with the Android Enterprise configuration.

Creating a label

To create a label:

- 1. In the MobileIron Admin Console, click **Device & Users > Labels**.
- 2. Click Add Label.
- 3. In the Add Label dialog, provide a **Name** and, optionally, a **Description** for the label.
- 4. In the Criteria section of the dialog, set the following:
 - From the Field drop-down, select Android Fields > Android for Work Capable.
 - From the Select Value drop-down, select true.

droid for Work Capable	×	Equals	~	true	~ (
------------------------	---	--------	---	------	-----

5. Click Save.

Next, you need to apply the user group to the Android Enterprise configuration.

Applying the user group to the Android Enterprise configuration

To apply the user group to the Android Enterprise configuration:

1. In the MobileIron Admin Console, click **Policies & Configs > Labels**.

2. Select the Android Enterprise user group that you created in Setting up the Android Enterprise user group.

		Co	infigurations P	olicies ActiveSync Policies Compliance Policie	s Complian	oe Actior	6		
đ	ions + Add New + Lab	elsi Al-Smartphone		Search by User	Configuration Type	¥ 54	arch by Name		
3	Name -	Configuration	Bundle/Package ID	Description	**	Phones	Labels	WatchList	Quarantine
1	Dummy Application A	APPPOLICY	forgepond.com.print	Default AppConnect Container Policy	0			0	0
	Enterprise Group	ANDROIDFOR			0			0	0
3	Logging	APPCONFIG	torgepond.com.pnnt		ц		Al- Smartphones, PrinterOn, Company- Owned, IOS	ш	0
ŋ	PrinterOn for Hobilebran	ANDROIDFOR			0			0	0
	RemoteConfigPayland Prin	APPCONFIG	com prenteron printe		36		All-Smartphones, PrinterOn, IOS	15	0
	RemoteConfigPayload Ent	APPCONFIG	com printeron printe	RemoteConfigPayload	16		A8- Simartphones_PrinterOn2_PrinterOn	15	0
	Secure Apps Manager	APPCONFIG	com forgepond lock	Default AppConnect Configuration			PrinterOn, Android	5	0
	Secure Apps Manager	APPPOLICY	com forgepond lock	Default AppConnect Container Policy			PrinterOn, Android	5	0
	System - Appel/Work AET	APPENROLLM		Auto-created Windows Application Enrolment Token Setting	0			Ó	0
	System - FileVault Configu	CERTIFICATE		Auto-created SCEP setting for the FileVault2 CA	0			0	0
	System - KOS Enrolment C	CERTIFICATE		This CA certificate is used to sign configuration profiles distributed	to IOS devices 0			0	0
	System - IOS Enrollment 5	CERTIFICATE		SCEP setting used for IOS Enrollment.	0			0	0
í	System - IOS Enterprise A	WEBCLIP		Auto-created WEBCLIP setting for the IOS Enterprise AppStore CA				0	0

- 3. Click Actions > Apply to Label. The Apply to Label dialog appears.
- 4. Select the label you created in Creating a label, then click Apply.

265	irch by Name or Descri	ption	
6	Name -	Description	Installed
0	All-Smartphones	Label for all devices irrespective of OS	Not Applied
	Android	Label for all Android Phones.	Not Applied
8	Company-Owned	Label for all Company owned smartp	Not Applied
	Employee-Owned	Label for all Employee owned Smart	Not Applied
V	Enterprise Group 1		Not Applied
	IOS	Label for all IOS devices.	Not Applied
6	macOS	Label for all macOS Devices.	Not Applied
[1]	PrinterOn		Not Applied
D)	PrinterOn2		Not Applied
	Signed-Out	Label for devices that are in a multi	Not Applied
	Windows	Label for all Windows devices.	Not Applied
print i	Windows Phone	Label for all Windows Phone Devices.	Not Applied

Next, you'll add the PrinterOn for MobileIron app to your Android Enterprise store.

Adding the PrinterOn for MobileIron app to your Android Enterprise store

To add the PrinterOn Mobile App for Android to your Android Enterprise store:

- 1. Log into your Android Enterprise account.
- In the Google Play Store, search for the PrinterOn for MobileIron app: play.google.com/work
- 3. Select the app.

4. Click **Approve** to add it to your Android Enterprise store. Your Android users will now see the PritnerOn for MobileIron app in their Android Enterprise app.

Next, you'll add the PrinterOn for MobileIron app to the MobileIron app catalog.

Adding the PrinterOn for MobileIron app to the MobileIron app catalog

To import the PrinterOn Mobile App for Android into MobileIron:

- 1. In the MobileIron Admin Console, click Apps.
- 2. Click Add+, then click Google Play.
- 3. Locate the PrinterOn for MobileIron app.
- 4. Select the app, then click Next.
- 5. Locate and expand the **Default Configuration for PrinterOn** section.
- 6. Configure the PrinterOn settings as necessary.

Profile Setting	Value	Description
enable	yes/no	When set to a value of yes, the settings are saved to app. When set to no, the saved settings are removed from app.
serviceDescription	String	Optional. A description of the service being deployed and configured.
serviceUrl	String	The URL to be used by the application to communicate with the PrinterOn Server. This must be a fully qualified URL. For example: https://123.456.78.90:443/cps
serviceDefault	yes/no	When set to a value of yes, the serviceURL is set as the default service used by the application. In most cases, this option should be set to yes.
serviceLock	yes/no	When set to a value of yes, the serviceURL is locked; the user cannot modify the configuration.

Profile Setting	Value	Description
serviceRestrict	yes/no	When set to a value of yes, the serviceURL is set as the default and the app can only communicate with the specified service URL. Users cannot query an external service (such as PrinterOn Hosted) for printers.
		When serviceRestrict is enabled, the values set for serviceDefault and serviceLock are ignored; in this case, the specified serviceURL is always the default, and is always locked.
		Note: This setting is available as of version 3.3.2 of the PrinterOn Mobile App.
otherServices	String	Defines one or more alternative PrinterOn services, if your organization has multiple PrinterOn services deployed.
		Each service listed must include the service URL and an optional service description. If included, the service description is preceded with :=. Multiple services are separated by two commas ("). For example:
		https://123.456.78.901/cps:=China office,,https:// 123.456.78.902/cps,,https://123.456.78.903/cps:=Test Environment
adminInfo	String	Optional. A message sent to the device with the configuration. This message appears when the configuration is applied to the application.
showDocuments	yes/no	When set to a value of yes, the Documents button is displayed on the PrinterOn app Home screen, allowing users to access and print documents in local storage, or from cloud storage providers such as Dropbox, Box, OneDrive, and others.
		By default, this option is disabled and the Documents button is not displayed.
showEmail	yes/no	When set to a value of yes, the Email button appears on the PrinterOn app Home screen, allowing users to download and print email attachments from the app.
		By default, this option is disabled and the Email button is not displayed.
hideWeb	yes/no	When set to a value of yes, the Web button does not appear on the PrinterOn app Home screen, preventing users from using the app to print web content.
		By default, this option is disabled and the Web button is displayed.

Profile Setting	Value	Description
limitReleaseQR	yes/no	When set to a value of yes, the user must scan a printer's QR code in order to release a print job to the printer. Clicking the Release button for a print job within the app automatically opens the app's QR code scanner. All other release methods are disabled.
		If the user's device does not have a camera, no Release button is displayed, and the user cannot release the print job to a printer.
		By default, this option is disabled.
documentCacheSize	integer	 Defines the size of the document cache (in MB) used by the app to store print job data. The cache can be set to one of the following values: 0 (print jobs are deleted as soon as they are uploaded) 50 100
		• 250
		• 500
		If any other value is specified, the app rounds down to the nearest supported cache size.
ver	1	The version. This setting must be set to a value of 1.

- 7. Configure any other available settings as suits your preferences.
- 8. Click Save.

5

Integrating PrinterOn with Citrix

In addition to the standard PrinterOn Mobile App, PrinterOn also provides a Citrix-specific mobile app that adds Citrix libraries and frameworks to the standard PrinterOn app. By providing an app that tightly integrates Citrix SDKs, administrators and organizations can benefit from increased app control and the security provided by Citrix MDX technology.

The MDX SDK container technology provides mobile apps with features like:

- Data encryption
- Password authentication
- Secure lock and wipe
- Inter-app policies
- Micro VPNs

Enabling the PrinterOn for Citrix app

The following sections describe how to enable the PrinterOn app for Citrix. Additional details and configurations can be found in the Citrix documentation.

Note: This documentation assumes that:

- you have access to the Citrix XenMobile console.
- you have created one or more Delivery Groups in the XenMobile console. Citrix uses Delivery Groups to allow you to control who gets what resources and when they get them.

When you add the PrinterOn for Citrix app to the console, you can add the app to one or more Delivery Groups. You can then deploy a Delivery Group to a defined group of users.

For more information about creating and managing Delivery Groups, see the Citrix documentation.

To deploy the PrinterOn for Citrix app on iOS and Android devices, you'll need to complete the following tasks:

- 1. Download the PrinterOn MDX file(s) to your local machine.
- 2. Add the PrinterOn for Citrix app to XenMobile.
- 3. Configure the PrinterOn App MDX policy settings.
- 4. Assign the app to one or more delivery groups.

Downloading the PrinterOn MDX file(s)

Before you can add the PrinterOn for Citrix app to the XenMobile console, configure it, and deploy it to users' devices, you must first download the PrinterOn for Citrix app MDX file to an accessible location.

Note: This step must be performed by an administrator, not the end user.

The MDX file contains some metadata about the PrinterOn for Citrix app, including it's location in the Apple AppStore or Google Play Store.

You can access the PrinterOn app MDX file from one of two locations:

- From PrinterOn
- From the Citrix Ready Marketplace

Once you've downloaded the file(s), you'll upload these files into XenMobile.

Downloading the MDX file(s) from PrinterOn

To download the PrinterOn app MDX file directly from PrinterOn:

- 1. In you browser, navigate to the following locations:
 - For iOS: http://dl.printeron.com/citrixmam/printeron-citrix-appstoredownloadmdxpackage.mdx
 - For Android:

http://dl.printeron.com/citrixmam/PrinterOn-Citrix-PlayStore-release.mdx

2. Save the file to your local machine.

Downloading the MDX file(s) from the Cirtrix Ready Marketplace

To download the PrinterOn app MDX file from the Citrix Ready marketplace:

- 1. In your browser, navigate to the Citrix Ready Marketplace.
- 2. Log in to your Citrix Ready Market place account.

Note: If you are not logged in, you will receive a 404 error when you attempt to download the PrinterOn app MDX file.

- 3. On the Mobile Applications page, browse for the PrinterOn app. There are two versions available, one for iOS and one for Android.
- 4. Download the version(s) of the PrinterOn MDX you require:
 - For iOS: PrinterOn-Citrix-AppStore.mdx
 - For Android: PrinterOn-Citrix-PlayStore.mdx

Adding the PrinterOn MDX file(s) to the XenMobile console

To add the PrinterOn MDX files to the XenMobile console:

- 1. Log in to the Citrix XenMobile console.
- 2. Click **Configure > Apps**. The Apps tab appears.

Xer	nMobi	le Analyze	Manage	Configure		• •	administra	ator 🗸
Device	e Policies	Apps Ac	tions Sha	reFile Enrollm	ent Profiles Deliver	y Groups		
Арр	Sho	ow filter				Search		Q
	C\$ Add	🛱 Category	୍ବ Export					
	Icon	App Name	Туре	Category	Created On	Last Updated	Disable	~
		PrinterOn 3.4.1 [Dev]	MDX	Dev	8/25/16 1:01 PM	8/26/16 8:03 AM		
		04-241	MOV	04	D/35/14 1-36 DM	0/35/4£ 3:50 PM		

3. On the Apps page, click Add. The Add App page appears.

ck an app type and then follow the steps to add a deployable app. The app appear	in the app table after you complete the steps.
MDX	Public App Store
Apps wrapped with the MDX Toolkit to include app policies. You can deploy MDX apps obtained from internal and public stores.	Free or paid apps available in a public app store, such as iTunes or Google Play for download.
Example: WorxMail	Example: GoToMeeting
Anns accessed from an internal network (Web anns) or over a nublic network	Native apps not wrapped with the MDX Toolkit and that do not contain the
[Saa5]. You can create your own apps or choose from a set of app connectors for single sign-on authentication to web apps. Example: GoogleApps_SAML	poicle round in MUA apps. Example: Quick-iLaunch
Saa51 You can create your own apps or choose from a set of app connectors for single sign-on authentication to web apps. Example: GoogleApps_SAML	policies round in MUA apps. Example: Quick-iLaunch

4. From the Add App page, select **MDX**. The MDX App Information page appears.

Xen Mobile	Analyze	Ma	nage	Configure			۰	*	administrator 🗸
Device Policies	Apps	Actions	ShareFile	Enrollmer	t Profiles	Delivery Group)S		
MDX		Арр	Inform	ation					×
1 App Informatio	n						,		
2 Platform				Name*	PrinterOr	n for iOS	0		
ios				Description	Printing a	app for your <u>iOS</u> dev	rice.		0
Android								.d	
Windows Ph	one			App category	All Select	ed		•	
3 Approvals (opti	ional)								
4 Delivery Group (optional)	Assignmen	ts							Next >

5. In the App Information page, specify the following information:

Setting	Description
App Name	A descriptive name for the app. This name is used to identify the app in the Apps list.
Description	Optional. A description for the app.
App Category	Optional. The Worx Store category to which the app belongs.

6. Click Next. The platform-specific App page appears.



7. In the **Platform** page, check **iOS** and/or **Android**, depending on which of those platforms you intend to support.

Uncheck the **Windows Phone** platform; PrinterOn does not support Windows Phone.

- 8. For each platform you are supporting, perform the following steps:
 - a) Upload the MDX file. Click **Upload**, then browse to the MDX file for that platform.
 - b) Review and update the application information as necessary.
 - c) Expand the MDX Policies section and configure the PrinterOn app MDX policy settings.
 - d) Expand the **Deployment Rules** section and configure the deployment rules as necessary. For more information about Citrix Deployment Rules, see the Citrix documentation.
 - e) Expand the **Worx Store Configuration** section and add FAQs and screen shots as necessary.
 - f) Click Next.
- 9. Apply approval workflows as necessary. For more information about workflows, see the Citrix documentation.
- 10. Click Next.
- 11. Assign the app to one or more Delivery Groups and configure the deployment schedule.

For more information about Citrix Delivery Groups, see the Citrix documentation.

12. Click Save.

Once you have added the MDX file to the your XenMobile console, the next time users open their Citrix Secure Hub, the PrinterOn for Citrix app will be available for download. Users can click the PrinterOn icon to download the app from the AppStore or Google Play.

Configuring the PrinterOn for Citrix app MDX policy settings

You can configure the MDX Policy settings for the PrinterOn for Citrix app when you add the app to the XenMobile console. You can modify the settings at any time. When the user opens the PrinterOn for Citrix app, it will pull down the configuration settings.

To configure the MDX policy for the PrinterOn for Citrix app:

- 1. In the left navigation, click **iOS** or **Android** to configure the policy for that version of the app. The platform-specific App page appears.
- 2. Expand the **MDX Policies** section, then locate the **PrinterOn App Config** settings.

XenMobile Analyze	Manage Configure		o 🔨 administrator 🗸
Device Policies Apps Action	n ShareFile Enrolment Profiles	Delivery Groups	
MDX	MDX Policies PrinterOn App Config		
1 App Information	Enable	CON O	
2 Platform	Service URL	https://172.16.100.124/cps	O
E 105			
Android	Service Description	Evan's server	U
Windows Phone.	Default	(0) (0)	
3 Approvals (optional)			
4 Delivery Group Assignments	LOCK	or o	
(opcortan)	Restrict Usage	Dir 0	
	Other Services		0
	Administrator information	Test Push	0
	Show Documents	(011) (7)	
	Hide Web	OIT O	
	Remote Release QR Scan Only	orr o	
	Document Cache Size	Not Managed •	Ø
			Back Next #

3. Modify the PrinterOn App configuration settings as necessary.

Option	Description
Enable	When checked, the settings are saved to app. When unchecked, the saved settings are removed from app.
Service URL	The URL to be used by the application to communicate with the PrinterOn Server. This must be a fully qualified URL. For example: https://123.456.78.90:443/cps
Service Description	Optional. A description of the service being deployed and configured.
Default	When checked, the Service URL is set as the default service used by the application. In most cases, this option should be set to enabled.
Lock	When checked, the Service URL is locked; the user cannot modify the configuration.
Restrict Usage	When checked, the Service URL is set as the default and locked, and the app can only communicate with the specified service URL. Users cannot query an external service (such as PrinterOn Hosted) for printers.
Other Services	Defines one or more alternative PrinterOn services, if your organization has multiple PrinterOn services deployed.
	Each service listed must include the service URL and an optional service description. If included, the service description is preceded with :=. Multiple services are separated by two commas (,,). For example: https://123.456.78.901/cps:=China office,,https:// 123.456.78.902/cps,,https://123.456.78.903/ cps:=Test Environment
Administrator Information	Optional. A message sent to the device with the configuration. This message appears when the configuration is applied to the application.

Option	Description
Show Documents	When checked, the Documents button is displayed on the PrinterOn app Home screen, allowing users to access and print documents in local storage, or from cloud storage providers such as Dropbox, Box, OneDrive, and others.
	By default, this option is disabled and the Documents button is not displayed.
Show Email	When checked, the Email button appears on the PrinterOn app Home screen, allowing users to download and print email attachments from the app.
	By default, this option is disabled and the Email button is not displayed.
Hide Web	When checked, the Web button does not appear on the PrinterOn app Home screen, preventing users from using the app to print web content.
	By default, this option is disabled and the Web button is displayed.
Remote Release QR Scan Only	When enabled, the user must scan a printer's QR code in order to release a print job to the printer. Clicking the Release button for a print job within the app automatically opens the app's QR code scanner. All other release methods are disabled.
	If the user's device does not have a camera, no Release button is displayed, and the user cannot release the print job to a printer.
	By default, this option is disabled.
Document Cache Size	Defines the size of the document cache used by the app to store print job data. The cache can be set to one of the following values
	Not Managed
	Disabled (print jobs are deleted immediately)
	• 50MB
	• 100MB
	• 250MB
	• 500MB

- Configure the remaining Citrix MDX policy settings as necessary. For more information about Citrix MDX Policies, see the Citrix documentation.
- 5. When complete, continue to the **Delivery Group Assignments** page, then click **Save**.

The configuration changes are deployed to devices based on the Delivery Group to which the app is assigned and the deployment schedule defined for that Delivery Group.

Deploying the app to a Delivery Group

To deploy the PrinterOn for Citrix app to users' devices, you must assign the app to a Delivery Group and then configure the deployment schedule.

This section assumes you have already created one or more Delivery Groups. For more information about creating and managing Delivery Groups, see the Citrix documentation.

To deploy the PrinterOn for Citrix app:

1. Open the **Delivery Group Assignments** page of the App Configuration.



- 2. Choose which delivery groups you want to assign the app to.
- 3. Expand the **Deployment Schedule** section and configure the deployment settings for the app.

- 4. For more information about scheduling deployments in XenMobile, see the Citrix documentation.
- 5. Click Save.

6

Integrating PrinterOn with Microsoft

In addition to the standard PrinterOn Mobile App, PrinterOn also provides a Microsoft Intune-specific mobile app that adds Microsoft Intune libraries and frameworks to the standard PrinterOn app. By providing an app that tightly integrates Microsoft Intune SDKs, administrators and organizations can benefit from increased app control and the security provided by Microsoft Intune app protection.

The Microsoft Intune SDK provides mobile apps with features like:

- Data encryption on save
- Integrated Azure AD single sign-on and PIN enforcement policies
- Multi-identity support
- Secure lock and wipe of remote devices
- File and clipboard restriction policies

Enabling and deploying the PrinterOn for Microsoft app

The following sections describe how to enable the PrinterOn app for Microsoft. Additional details and configurations can be found in the Microsoft documentation.

Note: This documentation assumes that:

- you have access to the Microsoft Azure portal.
- you have created one or more Groups in Azure AD.

For more information about creating and managing Delivery Groups, see the Azure AD documentation.

To deploy the PrinterOn for Microsoft app on iOS and/or Android devices, you'll need to complete the following tasks:

- 1. Add the PrinterOn for Microsoft app to the Microsoft Azure portal.
- 2. Deploy the app to one or more Azure AD groups.

Adding the PrinterOn for Microsoft app

To add the PrinterOn for Microsoft app to the Microsoft Azure portal:

- 1. Log in to the Microsoft Azure portal.
- 2. In the Services pane at the left of the window, click **Intune**. The Intune portal appears.
- 3. In the Intune portal, click **Mobile apps > Apps**.

Microsoft Intune 🖈 🗖 🗙	Mobile apps - Apps Microsoft Intune			
Search (Ctrl+/)		+ Add ひ Refresh ⊻ Export	Columns	
	0 Oursieur			
d o it is i	Uverview	NAME	TYPE	ASSIGNED
Quick start	MANAGE	Microsoft Intune Company Portal	iOS store app	Yes
MANAGE	Apps	PrinterOn	Managed Android line-of-business app	Yes
Device enrollment	App configuration policies	PrinterOn	Managed iOS line-of-business app	Yes
Device compliance	App protection policies	PWhere_x64	Windows Mobile MSI line-of-business app	Yes
L Device configuration	App selective wipe			
Devices	🔹 iOS provisioning profiles			
Mobile apps	MONITOR			
📖 eBooks	App licenses			

- 4. Click the Add button above the Apps list. The Add App panel appears.
- 5. From the Add App page, select an **App type** of either **iOS store app** or **Android store app**.

- 6. If you chose Android store app, skip to step 7. If you choose iOS store app complete the following steps:
 - a) In the Add App panel, click Select app.

Add app	
* App type	
iOS store app	Ý
* Search the App Store Select app	>
* App information Configure	>

The Apple App Store panel appears to the right, where you can search the store for a specific app.

b) In the Apple App Store panel search field, enter PrinterOn for Microsoft.



c) Select the PrinterOn for Microsoft app, then click **OK**.

7. In the Add app panel, click **Configure**. The App Information panel appears.

Add app	□ ×	App information	
* App type		* Name	^
Android store app	Ý	Enter a name	1
* App information Configure	>	* Description Enter a description	
		* Publisher	
		* Appstore URL Enter a valid url similar to https://play.googi	
		* Minimum operating system	
		The value should not be empty.	1
		Category 0 selected	
		Display this as a featured app in the Company Portal	
		Yes No	~

8. In the **App Information** panel, specify the following information:

Setting	Description
Name	The name of the app as it appears in the Apps list and the company portal, if you choose to make it available there.
	The name should be unique; if you add both the 32-bit and the 64-bit PrintWhere software, you must differentiate them in some way.
Description	A description for the app.
Publisher	The name of the publisher of the app.
App store URL	The URL of the app in the App Store. If you are adding the iOS app, this field will be completed for you.
Minimum operating system	 Specifies which version(s) of iOS or Android the PrinterOn for Microsoft app can be installed on. PrintWhere for Microsoft supports: iOS version 7+ Android version 4 i
Applicable device type	tablets, iPhones or both.
Category	<i>Optional.</i> A built-in grouping to which the app can be added to make it easier for users to locate the app in the company portal.

Setting	Description
Display the app in the company portal	Indicates whether or not the app appears in your company app portal.
Information URL	<i>Optional.</i> The URL where information about the app can be found. If included, this value is displayed in the company portal.
Privacy URL	<i>Optional</i> . The URL where privacy information about the app can be found. If included, this value is displayed in the company portal.
Developer	Optional. The name of the developer of the app.
Owner	Optional. The name of the owner of the app.
Notes	<i>Optional</i> . Any additional notes to include about the app.
Logo	<i>Optional.</i> An icon associated with the app in the company portal. If you choose to add an icon, you must provide the full path to the image file.

- 9. Click **OK** to save the configuration settings.
- 10. Click **Add** to complete the process. The PrinterOn for Microsoft app is added to the Apps list.

Next, you'll deploy the PrinterOn for Microsoft app to one or more Azure AD groups.

Deploying the PrinterOn for Microsoft app to users

Once you have added the application(s) to the Microsoft Azure portal, you can deploy the app to the users in your organization. With Microsoft Intune, you deploy the app to users using assignments, in which you assign the app to one or more groups of Azure AD users.

To deploy the PrinterOn for Microsoft app to users:

1. In the Intune portal, click **Mobile apps** > **Apps**. to display the list of apps added to your Azure portal.

Search (Ctrl+/)	+ Add ひ Refresh ⊻ Export ≣	Columns		
0 Overview	> Filter by name or publisher			
	NAME	ТҮРЕ	ASSIGNED	VPNS
IANAGE	Microsoft Intune Company Portal	iOS store app	Yes	None
Apps	PrinterOn for Microsoft on Android	Managed Android line-of-business app	Yes	None
App configuration policies	PrinterOn for Microsoft on iOS	Managed iOS line-of-business app	Yes	None
App protection policies				
App selective wipe				

2. From the Apps list, select the PrinterOn for Microsoft app, then, in the Settings panel that appears, select **Assignments**.

PrinterOn - Assignments Mobile Apps						*		×
	B Sav	e 🗙 Discan	d					
GENERAL Overview	A previous with the assigned	elect groups ously created Vi VPN and creat d to the same o	PN profile can optionally be : ie a Per-App VPN experience roups the app is being assig	elected. This on the iOS d ned to.	will associate this ap levice. Make sure the	op assigni VPN pro	nent file is	
MANAGE	GROU	Р	ТҮРЕ		VPNS			
Properties	My Gr	oup	Available	Ý	None	Ý		
Assignments								
MONITOR								
Device install status	~							

Note: You must assign each app individually. If you have added the PrinterOn for Microsoft app for both iOS and Android, you'll need to repeat Steps 2-7 in this task for each version of the app.

3. Click Select groups. The Select groups panel appears.

-	Invite		
Sel	ect 0		
5	earch by r	name or email address	~
~	ма	Marketing	_
~	MG	My Group	
Sele My	_{cted} Group a	nd 1 other	;

4. Locate and select the group(s) that you want to deploy the app to.

- 5. When you have selected all the groups that you want to receive the app, click **Select**.
- 6. In the Assignment panel, for each group set the assignment **Type** from the drop-down. To automatically deploy the PrinterOn for Microsoft app, choose **Required**.
- 7. Click **Save** to complete the assignment.

When you return to the app list, the PrinterOn for Microsoft app is displayed in the list as having been deployed.

8. From the **Device enrollment type** drop-down, select **Managed apps**.

settings

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