# 🗯 Business

🗯 School

Create a Managed Apple ID for APNS in Apple Business Manager/ Apple School Manager



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Every mobile device management (MDM) system needs an Apple Push Notification System (APNs) certificate to facilitate secure communications with your enrolled devices. Historically, someone would go to appleid.apple.com to create a personal Apple ID. Then the organization would share the credentials among the IT department. Every year someone in the organization needs to use that Apple ID to renew the APNs certificate.

One challenge with using a personal Apple ID for an organization's assets such as the APNs certificate is that anyone with access to the Apple ID credentials can effectively hijack the Apple ID simply by changing the email address associated with the Apple ID.

Moving forward, we recommend that organizations that are in Apple Business Manager or Apple School Manager create a Managed Apple ID to create and maintain the APNs certificate for their organization. Apple Business Manager or Apple School Manager allows your organization to control your Managed Apple IDs. For instance, you can use a Managed Apple ID with administrator privileges to reset the password for a different Managed Apple ID. Additionally, someone with the credentials for a Managed Apple ID cannot change its email address.

Apple Business Manager and Apple School Manager differ in the roles you can assign to the Managed Apple IDs you create. In order to create and maintain your organization's APNs certificate, create a new Managed Apple ID with the following role:

- Apple Business Manager: Staff
- Apple School Manager: Instructor



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	Section 1: Create an APNS Managed Apple ID in Apple Business Manager/Apple School Manager							
	1. Log in to Apple Business Manager or Apple School Manager.							
<u>.</u>	//business apple.com		https://school.applo.co					

https://business.apple.com	https://school.apple.com
<b>Wanage your organization's devices, apps, and accounts.</b>	<b>É School</b> Manage your institution's devices, apps, and accounts
keith@keithmichaelmusic.com	
Password 🔶	
Remember me	Remember me
Forgot Managed Apple ID or password?	Forgot Managed Apple ID or password?

#### 2. In the sidebar, select Accounts.

🗯 Business	Q Search Acco	É School	<b>Q</b> Search Accounts		
Organization	Sort by Last Name	Institution 4	Sort by Last Name ~ 7 Accounts		
Activity 42	All Act	Locations	All Accounts a		
People		People Accounts	Student · HCS		
Accounts		Classes	CC 2 Roles · 2 Lo		
Roles	DA	Roles	Craig		
Devices		Devices Device Assignments	2 Roles · HCS		
Device Assignments Assignment History		Assignment History	AC Content Mana		
Content		Content Apps and Books	AK Administrator		

#### 3. Click Add New Account.





5. Click Save.







## 6. In the right pane click Reset Phone Number.

Crate Sign-In Crate Sign-In Crate Sign-In Crate Sign-In Crate Crate Contense Ltd.	aig Cohen ∽	Reset Phone Number	Craig Cohen ~
Name APNS User Managed Apple ID ① apns@acncamp.com Email Adress support@hcsonline.com Account Status New Account (Not Yet Signed In) Authentication Apple			Name APNS User Managed Apple ID ① apns@appleid.hcsonline.com Email Address ccohen@hcsonline.com Account Status New Account (Not Yet Signed In) Authentication Ancle

### 7. Confirm Reset.



### 8. Click Done.





<b>É</b> Business 9. In the right	pane click	É School Create Sign-In.
Craig Coher ~	hello Create Sign-In	Craig Cohen ~
Name APNS User Managed Apple ID apns@acncamp.com Email Address Support@hcsonline.com Account Status New Account (Not Yet Signed In)		Name APNS User Managad Apple ID ① apns@appleid.hcsonline.com Email Address ccohen@hcsonline.com Account Status New Account (Not Yet Signed In)

10. Select "Create a downloadable PDF and CSV" (or you could select "Send as an email").

APNS User Staff · H	Create Ne	w Sign-In	
	You are about to create a new sign-in or download as a PDF or CSV. This use password when they sign in. Th	for <b>APNS User</b> . Choose to send email r will be asked to enter their temporary is sign-in will expire in 90 days.	ISET Denters, Ltc
	<b>_</b>		Edit
	Create a downloadable PDF and CSV	Send as an email	
	No	Cancel Continu	

- 11. Click Continue.
- 12. Once the Activity is complete, Click Download.

New Sign-In Created								
	Completed	Temporary Password: apns@acncamp.com bs4380pS Download						
View in Activity			Done					







13. Choose your desired format. This guide uses "1-up PDF " as an example.

14. Click Download.

			ser
Choose to download new acco	sign-ins as a PDF with eigh ount per page, or as a CSV f	t accounts per page, one file.	Jenters, Lta.
			Edit
	<u> </u>		
8-up PDF	1-up PDF	CSV	
8-up PDF	1-up PDF	CSV	
8-up PDF	1-up PDF	CSV	

- 15. Open the PDF file you just downloaded.
- 16. Confrm that the PDF file includes the temporary password.

<b>É</b> Business	<b>é</b> School
	APNS User
APNS User	
apns@acncamp.com	apns@appleid.hcsonline.com
bs4J8QpS	P4s6bHv4

- 17. In Safari, Click Done.
- 18. In the upper-right corner, click your name then choose Sign Out to sign out of Apple Business Manager/Apple School Manager.





## Section 2: Manage the APNS Managed Apple ID

- 1. In Safari go to https://appleid.apple.com/.
- 2. Enter the Managed Apple ID that you created in the previous section.



3. Enter the temporary password located on the PDF that you downloaded from Apple Business Manager/Apple School Manager.



4. Add a phone number to your account.

<b>É</b>	Mac	iPad	iPhone	Watch	TV	Music	Support	Q Create Your Arate ID	Ô	
Apple		-		-	100		agnin	create roor Apple D	PAQ	160
	Y	A	Add a pho verified phone n	one numb umber is requir acco	er to you ed to ensure punt.	JIT ACCOUR	n <b>t.</b> s your			
		+1 Phor	(United States)				~			
		Verify • Te	with:	Phone call						
	1		-			C	ontinue			-



5. Enter the verification code that Apple sends to your device, then click Verify.



6. Change the expired temporary password.

Ś	Mac	iPad	iPhone	Watch	τv	Music	Support	Q	Ô	
Apple	ID						Sign In	Create Your Apple ID	FAQ	
	P	Choos	Your that are ex	• password	d has ex ur account s used with of Your passw $\odot$ 8 or mc	<b>xpired.</b> Recure. Avoid pase ther websites. and must have: re characters	sswords		L	K.
		New p	m password	•	<ul> <li>Upper &amp;</li> <li>At least</li> <li>Strength: st</li> </ul>	k lowercase letters one number rong				
	1		-	1	Cancel	Change Pa	ssword			-A

7. At the Apple ID & Privacy screen, read Apple's policies surrounding privacy. When you are done, click Continue.





NOTE: Consider adding additional Trusted Phone Numbers.

<b>É</b>	Mac	iPad	iPhone	Watch	τv	Music	Support	Q	Ô	
APN Your Ap	IS Use ple ID is apn	<b>ľ</b> s@acnca	imp.com					Sig	gn Out	C.
Acco	unt	AP ap OF Ins LA En Ur	PPLE ID ons@acncamp.c RGANIZATION structUs Training NGUAGE Iglish (US) - Engl DUNTRY / REGION nited States	iom   Group LLC ish (US)	REACHJ apns@	ABLE AT	1.		Edit	
Secur	ity	PA Ch TW Or	SSWORD hange Password. NO-FACTOR AUTHI 1 DTIFICATION EMAIL	 ENTICATION	TRUSTE	ED PHONE NUMB	ERS		Edit	

8. In the upper-right corner, click Sign Out.



## Section 3: Generate an APNS Certificate for your MDM

- 1. From your MDM solution, download a Certificate Signing Request (CSR) file.
- 2. In Safari, go to the Apple Push Certificate Portal at https://identity.apple.com/pushcert.
- 3. Sign in with the Managed Apple ID that you just updated in the previous step.



4. Click Create a Certificate.

Ś	Store	Mac	iPod	iPhone	iPad	iTunes	Support	٩
pple F	Push Ce	rtificate	s Portal				apns@	Nacncamp.com Sign out
Get S Create a p Notificatio	tarted oush certificate on Service and y	that enables you your Apple device	r third–party ser s.	ver to work wit	n the Apple Push			
FAQ Learn mo What abo	re about Mobile ut OS X Server?	Device Managen	nent					
p the <b>Apple Onlin</b>	e Store (1-800-MY-	APPLE), visit an <b>Apple</b>	Retail Store, or find a	a reseller.	Apple Info	Site Map	Hot News RSS	Feeds   Contact Us   🖨

- 5. Accept Terms of Use.
- 6. In the Notes field, enter information about this certificate. This guide uses "MDM APNS May 2020" as an example.



- 7. Under Vendor-Signed Certificate Signing Request, click Choose File.
- 8. Choose the downloaded Certificate Signing Request (CSR) File.
- 9. Click Upload.

Store Mac iPod iPhone	iPad iTunes	s Support Q	
Apple Push Certificates Portal		apns@acncamp.co	om Sign out
Create a New Push Certificate			
Upload your Certificate Signing Request signed by your third–party server vendor to create a new push certificate.			
Notes			
MDM APNS May 2020 Vendor-Signed Certificate Signing Request Choose File_AppleEducationTeam.csr			
Cancel Upload	Angle Info		
Copyright © 2018 Apple Inc. All rights reserved. Terms of Use   Privacy Policy	орренно — Site Maj	P THE IVEWS   NOD FEEDS	

10. Click Download to get your APNS Certificate.

É	Store	Mac	iPod	iPhone	iPad	iTunes	Support	٩
Apple I	Push Cert	ificate	s Portal				apns@	acncamp.com Sign out
Conf	irmation (	<b>&gt;</b>						
You have	successfully create	ed a new push	n certificate with	the following in	formation:			
	Ser Ver Expiration I	rvice Mobile ndor Date May 1,	Device Manageme	ent				
	Manag	e Certificates	Download	]			FX	
				-			Ht	
Shop the Apple Only	na Stora (1_800_MV_ADD	F) vicit an Annia	Patail Store, or find a	receller	Apple Infr	Site Man	Hot Name DSS	Feade Contact Lie G

In the upper-right corner, click "Sign out" to sign out of the Apple Push Certificate Portal.
 In your MDM solution, upload the APNS Certificate.



If you'd like help implementing the solution in this white paper, we are ready to help; contact us at info@hcsonline.com or (866) 518-9672.

If you have corrections please send them to info@hcsonline.com.

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