Dynamic Environment Manager Integration with Workspace ONE UEM

For Dynamic Environment Manager to work effectively the client needs to have access to a Configuration archive for pre-defined configuration and a Profile archive for individual user configurations.

We now support the delivery of the Configurations to end-points using Workspace ONE UEM.

We now support the storing to the users individual configuration online using Microsoft ONEDrive

- This Lab is dedicated to delivering and managing the Dynamic Environment Manager Configuration using with Workspace ONE UEM
- This Lab is dedicated to delivering and managing the Dynamic Environment Manager Archives using with Workspace ONE UEM and Microsoft ONE drive

Explaining the Scenario and Use Case

Where organization's have Windows 10 laptops enrolled into Workspace ONE UEM, Organizations have a wealth of potential to not only secure the Windows 10 platform but also enhance the User Experience.

On occasion these users might sometimes be using their enrolled laptop and then using the Horizon Desktop.

Being able to offer the same desktop settings and configurations irrespective of whether the user is on Laptop or Horizon Desktop is a feature customers have been asking for.

At the end of the next two labs you will see how far VMware have progressed in the integration of these solutions and also at present what the limitations are.

Part 1: Preparation tasks for this lab

Section 1: Setting up NOAD Mode Mode in the Configuration folder

We have 3 sections in this lab



- 1. On your **ControlCenter** Server
 - Open your **Software** shortcut
 - Browse to:-
 - DEM > VMware-DEM-Enterprise-2209-10.7-GA > Agent Configuration Examples > FlexRepository



2. In the FlexRepository folder

- Select the **NoAD** folder
- Select Copy



3. In the **File Explorer** folder

- In the QuickAccess bar
 - Select Local Disk (C:)
 - In Local Disk (C:)
 - Select and Open UEMConfig

ste	Paste shortcut	Move Copy Delete Ren to - to -	folder	
oard		Organize	New	
> TI	his PC > Local Disk	(C:) > UEMConfig > gener	al > FlexRepository >	
	Name	^	Date modified	Туре
	ADMX Temp	plates	3/3/2021 12:33 AM	File folde
×	ConditionSe	t	3/1/2021 4:22 AM	File folde
#	FTA		3/1/2021 4:22 AM	File folde
*	HideDrive		3/3/2019 9:19 PM	File folde
*	Logon		3/1/2021 4:22 AM	File folde
dle	Settings		3/1/2021 4:22 AM	File folde
	Shortcut		3/1/2021 4:23 AM	File folde
	Trigger		3/1/2021 4:23 AM	File folde
£				

- 4. In the **UEMConfig** folder
 - Browse to general > FlexRepository

Copy Paste	Paste shortcut	Move Copy to • to •	Delete Rename	New folder	access .
Clipboar	d	Org	anize	New	
1 📑 🕹	This PC > Local Disk	(C:) > UEMCor	nfig > general >	FlexRepository >	
	Name	^	D	ate modified	Type
access	ADMX Temp	olates	3/	3/2021 12:33 AM	File folde
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uments >	HideDrive		3/ 3/	3/2019 9:19 PM	File folde File folde
ificate Bundle	NoAD		4/	20/2022 7:56 AM	File folde
	Settings		3/	1/2021 4:22 AM	File folde
	Shortcut Trigger		3/ 3/	1/2021 4:23 AM	File folde File folde
C					

- 5. In the **FlexRepository** folder
 - Paste the NoAD folder
 - Select and Open the NoAD folder

Paste	 Copy path Paste shortcut 	Move Copy to to	me New folder	🖺 Easy access 🔹
ipboard		Organize		New
<mark>}</mark> > Th	is PC → Local Di	sk (C:) > UEMConfig > general	> FlexRepo	sitory > NoAD
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*	NoAD Mo	danaca ONE LIEM Complexit	4/12/2022 1	:14 PM XML Doc
₹ ₹ }undle		Open Edit Edit with Notepad++ Share Open with Give access to Restore previous versions Send to Cut Copy Create smorteut	> >	
	-	Properties		

- 6. In the **NoAD** folder
 - Select the NoAD Workspace ONE UEM Sample.xml file
 - Select Delete

Clipboard	Paste shortcu	t to to Organize	folder	New	
📙 > This	PC > Local D	isk (C:) > UEMConfig > genera	I > FlexRep	ository >	NoAD
	Name	^	Date modif	fied	Туре
x Is x Its x Its Bundle S Its Its	E NAUS	Open Edit Edit Share Open with Give access to Restore previous versions Send to Cut Copy Create shortcut Dente Properties	> > 	1:14 PM	XML
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	Name	^		Date	e m
* * *		Open Edit Edit with Notepad++ Shore)	(13	3/2
undle		Open with		>	
		Give access to		>	

- 7. In the **NoAD** folder
 - Select the NoAd Sample.xml
 - Select Rename
 - Rename to NoAD.xml
 - Select the **NoAD.xml** file
 - Select Edit with Notepad++



8. In the NoAD.xml file

- Edit the following:-
 - Replace the following: -
 - Next to:
 - ProfileArchivePath=
 - "\\controlcenter\uemprofiles\%username%\Archives"
 - LogFileName=
 - "\\controlcenter\uemprofiles\%username%\Logs\FlexEngine.log"
- Select File
 - Select Save

Remember to SAVE your configurations you have made in Notepad ++

Section 2: Installing the FlexEngine in NOAD Mode

Step 1: Installing the FlexEngine in NOAD Mode for Site 1

VMwar	e [®] vSphere	2
vivivai	e vopriere	
administrator@	svsphere.local	
🗌 Use Windov	vs session authentication	
	LOGIN	

- 1. On your **ControlCenter** server
 - Open your Site 1 Chrome browser
 - On the Favourites Bar,
 - Select the **vCenter** shortcut
 - In the VMware® vSphere login page, login as
 - username: administrator@vsphere.local
 - password: VMware1!
 - Select LOGIN

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~ 🗄	Region(01A							
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	🔂 A1	ri-SE	(h)		_			VMware Tools	
	🐻 BL	R-W10-1	Actions -	W10Master-01a					
	🕃 BL	R-W10-2	Power			Power On		ctrl + alt +	в
	BL C	R-W10-3	Guest C	os 🕴	-	D Downer Of	_	della bit al	
	(g) Ca	ptureVM				- Fower On			
	C cp	-replica-6	9 Snapsh	ots		00 Suspend			Z.
	CD cp	-replica-d	🖞 💭 Open R	emote Console		C Reset			
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	B CP	-template	UN MIGHTON			🔀 Hard stop			
	AR HA	w0031-01	Clone		•	Shut Dow	n Guest (S ctrl + alt + l	o.
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	AT RE	S-01-1	VM Pol	cies	•	lisk 1		48 GB	
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	a U	G-HZN-O	Export :	System Logs		card		8 MB	
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		-	Rename	e					
		1	Edit No	tes				Additional I	Haro
						atibility		ESXi 7.0 U2	ani

- 2. In the vSphere Client admin Console
 - In the Hosts & Clusters Inventory
 - Select and right-click W10Master-01a
 - Select **Power > Power On**



3. On the ControlCenter Server Desktop

- Open the Remote Desktops folder
 - Open Site1 folder
- Select and launch the W10Master-01a.RDP shortcut

Windows Security	>					
Your credentials did no	Your credentials did not work					
Your system administrator does r credentials to log on to the remo W10Master-01a.euc-livefire.com verified. Please enter new creden	not allow the use of saved ite computer because its identity is not fully tials.					
admin						
Password						
The logon attempt failed						
More choices						
ОК	Cancel					

- 4. In the Windows Security page
 - Login as **Admin**
 - In the **Password** area
 - enter VMware1!
 - Select OK



5. On the **W10Master-01a** desktop

• Select and open the **Software** shortcut



6. Under **Software**

- Open the **DEM** > **VMware-DEM-Enterprise-2209-10.7-GA** folder path
 - Select and Copy the VMware Dynamic Environment Manager Enterprise 2209 10.7 x64.msi



7. In the File Explorer window

- Expand This PC
 - Select Local Disk(C:)



- 8. In the File Explorer window
 - In the The Local Disk(C:)
 - Create a Folder called **DEM**
 - **Open** the **DEM** folder
 - Paste the VMware Dynamic Environment Manager Enterprise 2209 10.7 x64.msi

He	Computer Management	~
	Command Prompt	
	Command Prompt (Admin)	
	Task Manager	
	Settings	
	File Explorer	
	Search	
	Run	
	Shut down or sign out >	
	Desktop	
	ר אין 🔁 🗖 🖓	
User	Account Control X	
Do cha	you want to allow this app to make inges to your device?	
DIN_	Windows Command Processor	
Verif	ied publisher: Microsoft Windows	
Show	w more details	
	Yes No	

9. On the **W10Master-01a** desktop

- Select and right-click the **START** button
 - Select Command Prompt (Admin)
 - In the User Account Control window

select Yes



- 10. In the Administrator: Command Prompt window
 - Enter CD C:\DEM
 - with your keyboard , select ENTER



- 11. On the **W10Master-01a** desktop
 - Select and open the Software \ DEM folder path
 - In the **DEM** folder
 - Select and Open NOADCMD



- 12. In the **NOADCMD Notepad** window
 - Select and copy the entire code string



- 13. On the **W10Master-01a** desktop
 - Switch back to the Administrator: Command Prompt
 - Paste the copied into the Command Prompt interface
 - With your **keyboard**
 - Select ENTER



- 14. On the **W10Master-01a** desktop
 - Switch back to the File Explorer C:\DEM folder
 - Open InstallUEM

посеносии - тиосереи				
File Edit Format View Help				
Idows\Installer\7ea4e.msi = C:\DEM\VMware Dynamic Environment Manager Enterprise 2209 10.	7 x64.msi			
1 0 te = 0 teAvailable = 0 teRequired = 0 teRemaining = 0				
M\ = {2C2D2EDA-64F5-492B-8E57-DB00B3FF7A22} ered = 1 : Product: VMware Dynamic Environment Manager Enterprise Ins	tallation complete	ed succ	essfully.	
: Windows Installer installed the product. Product Name: VMware	e Dynamic Environme	ent Mar	nager Enterpris	e. Pr
¢				
	Ln 1, Col 1	100%	Windows (CRLF)	UTF-

15. In the InstallUEM - Notepad window

• Scroll down note whether your installation was completed successfully

	Apps and Features	
E CI	Power Options	
	Event Viewer	
	System	
(hori	Device Manager	
S 👔	Network Connections	
- 2	Disk Management	
Hori	Computer Management	
	Command Prompt	
	Command Prompt (Admin)	
	Task Manager	
	Settings	
	File Explorer	Sign out
	Search	Sleep
	Run	Shut down
	Shut down or sign out	
	Desktop	
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- 16. On the **W10Master-01a** desktop
 - Close All Windows
 - Select and right-click the START Button
 - Select Shut down or sign out > Shut down

Mware	®vSphara	
vivivare	vopriere	
administrator@v:	sphere.local	
Use Windows	session authentication	

- 17. On your **ControlCenter** server
 - Switch back to your Site 1 Chrome browser
 - Select the vCenter tab

- If necessary login again to the vCenter Admin page with the below credentials
 - login as
 - username: administrator@vsphere.local
 - password: VMware1!
- Select LOGIN

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🕤 my-ip.live	efire.lab/ip 🔤 H	orizon®Site 1 🛛 🚾 UAG-HZN-01a	🚾 UAG-HZN-01b 🛭 S vCenter	Δ Αν
		Actions - W10Master-01a	New vCenter ser	ver upda
vm vs	Sphere Client	Power Guest OS	ch in all environments	
.) 8		Snapshots	🐼 Take Snapshot	Ð
đ	CaptureVM	🚰 Open Remote Console	🕼 Manage Snapshots	mission
8) cp-replica-6915) cp-replica-d4b;	🛱 Migrate	🐼 Revert to Latest Snapshot	
8) cp-template-58	Clone •	Consolidate	м
8	cp-template-fc	Fault Tolerance	Delete All Snapshots	iy: E ols: N
2	HznCC31-01a	VM Policies		м
8	HznCC31-01b	Template •	DNS Name	es:
8	PackagingVM RDS-01-1	Compatibility •	SOLE Host:	e
8	RDS-01-2	Export System Logs	ONSOLE U	
G 1	DSH-01a	Dedit Settings		
	UAG-HZN-01b	Move to folder	L	
	W10EXT-01a	Rename	2 CPU(s)	
8	W10Master-01a	Edit Notes	4 GB, 0 0	GB mem
		Tage & Custom Attrib		

- 18. In the **vSphere Client admin** Console
 - In the Hosts & Clusters Inventory
 - Select and right-click W10Master-01a
 - Select Snapshots > Take Snapshot

Take snapshot	×
Name	NoADMODE FLEXEngine
Description	
Include virtual machine's memo	ry
Quiesce guest file system(requi	res VM tools)
	CANCEL

- 19. In the **Take snapshot** window
 - Next to Name
 - Enter NoADMODE FLEXEngine
 - Select **CREATE**

Step 2: Installing the FlexEngine in NOAD Mode for Site 2

VMware	® vSphere	
VINIVAI	vopriere	
administrator@v	sphere.local	
Use Windows	session authentication	

- 1. On your **ControlCenter** server
 - Open your Site 2 Chrome browser

- On the Favourites Bar,
 - Select the vCenter shortcut
 - In the VMware® vSphere login page, login as
 - username: administrator@vsphere.local
 - password: VMware1!
 - Select LOGIN



Validate that w10Master-02a is powered on. If it is, skip step 2 and move on to step 3

2. In the vSphere Client admin Console

- In the **Hosts & Clusters** Inventory
 - Select and right-click W10Master-02a
 - Select **Power > Power On**



- 3. On the ControlCenter Server Desktop
 - Open the Remote Desktops folder
 - Open Site2 folder
 - Select and launch the W10Master-02a.RDP shortcut

Windows Security	:	×
Your credentials did not work		
Your system administrator does not allow the use of saved credentials to log on to the remote computer W10Master-02a.euc-livefire.com because its identity is not fully verified. Please enter new credentials.		
admin		
Password		
The logon attempt failed		
More choices		
OK	Cancel	

- 4. In the Windows Security page
 - Login as Admin
 - For the **Password**
 - enter VMware1!
 - Select OK



5. On the **W10Master-02a** desktop

• Select and open the **Software** shortcut



6. Under **Software**

- Open the DEM > VMware-DEM-Enterprise-2209-10.7-GA folder path
 - Select and Copy the VMware Dynamic Environment Manager Enterprise 2209
 10.7 x64.msi



- 7. In the **File Explorer** window
 - Expand This PC
 - Select Local Disk(C:)

Image: Image	k (C:) : View nis PC > Local Disk (C:) >
 Quick access Desktop Downloads Documents Pictures This PC Network 	Name PerfLogs Program Files Program Files (x86) Users Users DEM

8. In the File Explorer window

- In the The Local Disk(C:)
 - Create a Folder called **DEM**
 - **Open** the **DEM** folder
 - Paste the VMware Dynamic Environment Manager Enterprise 2209 10.7 x64.msi

He	Computer Management
	Command Prompt
	Command Prompt (Admin)
	Task Manager
	Settings
	File Explorer
	Search
	Run
	Shut down or sign out >
	Desktop
	ר א 🔁 🗖 🖌
User A	scount Control X
Do y char	ou want to allow this app to make nges to your device?
015_	Windows Command Processor
Verifie	ed publisher: Microsoft Windows
Show	more details
	Yes No

- 9. On the **W10Master-02a** desktop
 - Select and right-click the **START** button
 - Select Command Prompt (Admin)
 - In the User Account Control window
 - select Yes



- 10. In the **Administrator: Command Prompt** window
 - Enter CD C:\DEM
 - with your keyboard , select ENTER

📙 🕑 📙 🖛 DEI	M	
File Home	Share View	
← → ~ ↑ 📙	« horizon-01a.euc-livefire.com » software » DEM :	>
💻 This PC	^ Name	Datei
3D Objects	VMware-DEM-Enterprise-2209-10.7-GA	10/21
Desktop	DEM-Exp-2022-12-31 FlexEngine.lic	9/8/2
Documents	NOADCMD	10/21
Downloads	VMware-DEM-Enterprise-2209-10.7-GA	10/21
Music		
E Pictures		
🐺 Videos		
-		

- 11. On the **W10Master-02a** desktop
 - Select and open the Software \ DEM folder path
 - In the **DEM** folder
 - Select and Open NOADCMD

	NOAD	CMD - No	tepad					
File	Edit	Format	View	Help				
ware	e\DEM	\DEM-E	xp-20	22-12-31	FlexEngine.lic"	/1*	InstallUEM.log	NOADCON

- 12. In the **NOADCMD Notepad** window
 - Select and copy the entire code string



13. On the **W10Master-02a** desktop

- Switch back to the Administrator: Command Prompt
 - Paste the copied into the Command Prompt interface
 - With your **keyboard**
 - Select ENTER



14. On the **W10Master-02a** desktop

- Switch back to the File Explorer C:\DEM folder
- Open InstallUEM



15. In the **InstallUEM - Notepad** window

• Scroll down note whether your installation was completed successfully

	Apps and Features	
E CI	Power Options	
	Event Viewer	
	System	
(hori	Device Manager	
S 👔	Network Connections	
- 2	Disk Management	
Hori	Computer Management	
	Command Prompt	
	Command Prompt (Admin)	
	Task Manager	
	Settings	
	File Explorer	Sign out
	Search	Sleep
	Run	Shut down
	Shut down or sign out	
	Desktop	
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- 16. On the **W10Master-02a** desktop
 - Close All Windows
 - Select and right-click the START Button
 - Select Shut down or sign out > Shut down

Muarc	®vSphoro	
VIVIVAIE	sophere	
administrator@vs	sphere.local	
Use Windows	session authentication	

- 17. On your **ControlCenter** server
 - Switch back to your Site 2 Chrome browser
 - Select the vCenter tab

- If necessary login again to the vCenter Admin page with the below credentials
 - login as
 - username: administrator@vsphere.local
 - password: VMware1!
- Select LOGIN



- 18. In the **vSphere Client admin** Console
 - In the Hosts & Clusters Inventory
 - Select and right-click W10Master-02a
 - Select Snapshots > Take Snapshot

Take snapshot	×
Name	NoADMODE FLEXEngine
Description	
Include virtual machine's memo	ry
Quiesce guest file system(requi	res VM tools)
	CANCEL

19. In the **Take snapshot** window

- Next to Name
 - Enter NoADMODE FLEXEngine
- Select **CREATE**

Section 3: Re-Provisioning the Horizon Desktop Pool

We will now be deploying the NOAD Mode Configured FlexEngine to desktops
 The provisioning of the images can take up to 30 minutes.

Step 1: Re-Provisioning the Horizon Desktop Pool for Site 1

VMware Horizon* Version 2111
administrator
EUC-LIVEFIRE ~
Remember user name
Sign in

1. On your **ControlCenter Server**

- On your Site 1 browser open a **new tab**
- In the Favourites bar, select the VMware Horizon shortcut
 - In the Username area, enter Administrator
 - In the **Password** are , enter **VMware1!**
- Select Sign in

VMware Horizon	•	
C Updated 03/31/2022, 2:29 PM	~	
Sessions	Q	Desktop
Problem vCenter VMs	Q	Add E
Problem RDS Hosts	Q	
Events	5	Access Group
System Health	1	
Monitor	~	DID
Dashboard		
Events		
Sessions		
Help Desk		
Users and Groups		
Inventory	~	
Desktops		
Applications		
Farms		

- 2. In VMware Horizon Admin Console
 - In the left pane, expand Inventory
 - Select Desktops

Desktop Pools	
Add Edit Duplicate	Delete
Access Group All	~
	Display Name
□ □ HZNBLR 21 W10	Bangalore_21_W10

- 3. In the **Desktop Pools** area
 - Double click the HZNBLR_XX_W10 desktop Pool configuration
 - Where XX is your assigned POD ID

HZNBLR	21 W10		
Summary	Machines	Machines (Instant Clone Details)	Sessions Entitleme
Edit	elete Desktop I	Pool Entitlements v Status v	Maintain Y
🛆 Some op	perations are u	navailable for cloud-managed deskto	Schedule Reschedule
General			Promote Secondary Ima
Unique ID HZNBLR_21_W	10	Type Automated	l Desktop Pool
Machine Source	e	Display Nar	me

- 4. In your HZNBLR_XX_W10 desktop pool window
 - Select the **dropdown** next to **Maintain**
 - Select Schedule

ge			
	the Carbon Black scan in the Snapshot Details	e golden image to the reco	ommen(
	Snapshot	Time Created	Car
	 baseline 	04/13/2022, 11:49 AM	
	 AssistAgent 	04/15/2022, 10:32 AM	
	NoADMODE FLEXEngi	04/19/2022, 9:49 PM	
3D Rendere Disabled	r		
	Next Carcel		

- 5. In the **Schedule Push Image** window
 - Under Snapshot Details, scroll down
 - Next to the NoADMODE FlexEngine SnapShot
 - Select the radio button next
 - In the bottom right corner
 - Select Next

Schedule Push Image	
Image Schedule Ready to Complete	Schedule image push Specify when you want this task to start Tat at 2022-03-31 Tat 2022-03-31 Tat 33 Web browser local time Publish Secondary Image Publish Secondary Image to use on the pool. This image can selectively be applied to the machines below or la through the pool's Machines - More Commands > Apply Image. Use Promote Secondary Image under Maintain wit ready to upgrade this to the Default Image on the pool. Push to specific machines
	 Weit for users to log off Wait for connected users to disconnect before the task starts. The task starts immediately on machines without a sessions. Perce users to log off Users will be forced to log off when the system is ready to operate on their virtual machines. Before being forcible logged off, users may have a grace period in which to save their work (Global Settings). The worning and prace period can be edited in global settings: Display warning before forced logoff: Logoff Time minutes
	Back Mext C

- 6. In the Schedule section of the Schedule Push Image wizard
 - Select the Force users to log off radio button
 - Uncheck Stop at first error
 - Select Next

Schedule Push Image		
Image Image	Ready to Complete Review the options and click Pinish	
Schedule Bready to Complete	Forced logoff global settings: Logoff Message	Your desktop is scheduled for an important update and w shut down in 5 minutes. Please save any unsaved work no 5 minutes
	Affected Virtual Machines Start Time User Logoff Stop at first error Golden image in vCenter Snapshot Add vTPM Device to VMs Show Details	3 03/31/2022, 2:33 PM Force users to log off No /Region01A/vm/W10Master-01b /baseline/agents installed/NoAOMODE FLEXEngine
		Back Finish Cance

7. In the **Ready to Complete** section of the **Schedule Push Image** wizard

Select Finish

값 RDSH-01a 값 RDSH01-1 값 RDSH01-2 값 UAG-HZN-01a		> Network a	adapter 1	Corpinterna	l <mark>01 (di</mark> !	
		CD/DVD	drive 1	Disconnect	ed .	
		> Video card		8 MB		
() W108 () W108	EXT-01a Master-01a		VMCI dev	ice	Device on t provides su	ne virti pport 1
Recent Tasks	Alarms					
Task Name	т	Target	т	Status	т	De
Task Name Clone virtual machin	T	Target	T ister-01b	Status	96 % ⊗	Re de
Task Name Clone virtual machin	T	Target	T Ister-01b	Status	96 % 🕲	Re de

8. On your **ControlCenter** server

- Switch to your vSphere Admin Console
 - In the Recent tasks , you can observe the process of updating the Desktop pool
 - A new Hierarchy has to be created first
 - Starting with the **Template** > **Replica** > **Parent (depends)** > **Virtual Desktops**
 - This will take approximately 30min
 - The new Hierarchy has to be created first



9. On your **ControlCenter** server

- Switch to your Horizon Admin Console
 - On the Desktop Pool, ensure you are on the **Summary** Tab
 - Scroll down until you see Pending Image
 - To the right the State should report **Publishing**
- Continue to monitor these two admin consoles
 - When the provisioning is finished the State should report Published

In the meantime move on to Site 2 configuration

Step 2: Re-Provisioning the Horizon Desktop Pool for Site 2

VMware Horizon® Version 2111
administrator
EUC-LIVEFIRE Y
🔲 Remember user name
Sign in

1. On your **ControlCenter Server**

- On your Site 2 browser open a new tab
- In the Favourites bar, select the Horizon® Site 2 shortcut
 - In the Username area, enter Administrator
 - In the Password are , enter VMware1!
- Select Sign in

vmw VMware Horizon		
C Updated 03/31/2022, 2:29 PM Sessions Problem vCenter VMs	v Q Q	Desktop
Problem RDS Hosts Events	0 5	Access Group
System Health Monitor	1	DID
Dashboard Events		
Sessions Help Desk Users and Groups		
Inventory Desktops	~	
Applications		

- 2. In VMware Horizon Admin Console
 - In the left pane, expand Inventory
 - Select Desktops

	Pod Cluster-HORI;
> 0 0 4	Add Edit Duplicate Delete Entil Access Group All ~
<u>0</u> ~	ID Display Name ID HZNSea 21 W10 Seattle_21_W10

- 3. In the **Desktop Pools** area
 - Double click the HZNSea_XX_W10 desktop Pool configuration
 - Where XX is your assigned POD ID

HZNSea_21_W10	
Summary Machines Machines (Instant Clone Details)	Sessions Entitle
Edit Delete Desktop Pool Entitlements Status Some operations are unavailable for cloud-managed desktop General	Maintain ~ Schedule Reschedule Cancel Promote Secondary
Unique ID Type HZNSea_21_W10 Automated I Machine Source Display Name vCenter (instant clone) Seattle_21_W	Desktop Pool e /10

- 4. In your **HZNSea_XX_W10** desktop pool window
 - Select the dropdown next to Maintain
 - Select Schedule

	er	
/Region02a/vm/Discov	ered virtual machine/W10I	Master-02a
Snapshot		
The Carbon Black scan	percentage reflects the value	ie at the tim
the Carbon Black scan in	the golden image to the r	ecommende
	, the Solder image to the I	ceonnellue
Snapshot Details		
Snapshot	Time Created	Carb
O baseline	04/13/2022, 12:04 PM	
baseline Assist_Agent_Install	04/13/2022, 12:04 PM	
baseline Assist_Agent_Install NoADMODE FLEXEn	04/13/2022, 12:04 PM 04/17 2022, 1:48 PM gi 04/19 2022, 10:19 PM	
baseline Assist_Agent_Install NoADMODE FLEXEn	04/13/2022, 12:04 PM 04/17 2022, 1:48 PM gi 04/19 2022, 10:19 PM	
baseline Assist_Agent_Install NoADMODE FLEXEn	04/13/2022, 12:04 PM 04/17 2022, 1:48 PM gi 04/19 2022, 10:19 PM	
baseline Assist_Agent_Install NoADMODE FLEXEn	04/13/2022, 12:04 PM 04/17 2022, 1:48 PM gi 04/19 2022, 10:19 PM	
baseline Assist_Agent_Install NoADMODE FLEXEn Disabled	04/13/2022, 12:04 PM 04/17 2022, 1:48 PM gi 04/19 2022, 10:19 PM	

5. In the **Schedule Push Image** window

- Under Snapshot Details, scroll down
 - Select the radio button next to the NoADMODE FlexEngine SnapShot
 - In the bottom right corner
 - Select Next

Schedule Push Image	
Image Schedule Ready to Complete	Schedule image push Specify when you want this task to start Start et 2022-03-31 14 2033 Web browser lacal time Publish Secondary image Publishes a secondary image to use on the pool. This image can selectively be applied to the machines below or la thready to upgrade this to the Default image on the pool. Push to specific machines
	 Watt for users to log off Watt for connected users to disconnect before the task starts. The task starts immediately on machines without a sessions. Force users to log off Users will be forced to log off when the system is ready to operate on their virtual machines. Before being forcibil logged off, users may have a grace period in which to save their work (Global Settings). Stop at first error The warming and grace period can be edited in global settings: Display warming before forced logoff: Logoff Time minutes
	Back Nex C

- 6. In the Schedule section of the Schedule Push Image wizard
 - Select the Force users to log off radio button
 - Uncheck Stop at first error
 - Select Next

	Beachura Comolara	
Image	Ready to comprete	
	Review the options and click Finish	
Schedule	Forced logoff global settings:	
	Logoff Message	Your desktop is scheduled for an important update and
Ready to Complete	Logoff Time	shut down in 5 minutes. Please save any unsaved work 5 minutes
	Affected Virtual Machines	2
	Start Time	03/31/2022, 5:12 PM
	User Logoff	Force users to log off
	Stop at first error	No
	Golden Image in vCenter	/Region02b/vm/W10Master-02b
	Snapshot	/baseline/Agents installed/NoADMODE FLEXEngine
	Add vTPM Device to VMs	No
	show Details	

7. In the **Ready to Complete** section of the **Schedule Push Image** wizard
Select Finish

ित्र RDSH ति RDSH	H-01a H01-1		> Network a	adapter 1	Corpinterna	l <mark>01 (di</mark> !
🕃 RDSI	H01-2		CD/DVD	drive 1	Disconnect	ed .
🔂 UAG	-HZN-01a -HZN-01b		> Video car	d	8 MB	
() W108 () W108	EXT-01a Master-01a		VMCI dev	ice	Device on t provides su	ne virti pport 1
Recent Tasks	Alarms					
Task Name	т	Target	т	Status	т	De
Task Name Clone virtual machin	T	Target	T ister-01b	Status	96 % ⊗	Re de
Task Name Clone virtual machin	T	Target	T Ister-01b	Status	96 % 🕲	Re de

8. On your **ControlCenter** server

- Switch to your vSphere Admin Console
 - In the Recent tasks , you can observe the process of updating the Desktop pool
 - A new Hierarchy has to be created first
 - Starting with the **Template** > **Replica** > **Parent (depends)** > **Virtual Desktops**
 - This will take approximately 30min
 - The new Hierarchy has to be created first



9. On your **ControlCenter** server

- Switch to your Horizon Admin Console
 - On the Desktop Pool, ensure you are on the **Summary** Tab
 - Scroll down until you see Pending Image
 - To the right the State should report **Publishing**
- Continue to monitor these two admin consoles
 - When the provisioning is finished the State should report **Published**

In the meantime move on to Section 4

Section 4: Configuring a Horizon Cloud Services assignment



- 1. On your ControlCenter server
 - On the Site1 Browser
 - Select the HZN Cloud shortcut

VMware H	orizon®	
vivivale in	0112011	
My VMware Credentials		
hznintattxx@livefire.solut	ions	
Password	۵	
Remember me		
	LOCIN	

- 2. In the **Welcome to VMware Horizon** window
 - My VMware Credentials

• In the **Username** area

- Using your HZN cloud Admin credentials
- In the **Password** area
 - Enter Password
- Select LOGIN

Welcome to		
VMware H	orizon®	
Active Directory Creder	itials	
administrator		
		0
EUC-LIVEFIRE		`
	LOGIN	

- 3. In the **Welcome to VMware Horizon** window
 - Active Directory Credentials
 - In the **Username** area
 - Enter Administrator
 - In the **Password** area
 - Enter Password
 - Select LOGIN

← → C ☆ 🔒 cloud.horizon.vmware.com/horizon					
🔠 Apps 🕤 my-ip.livefire.lab/ip 🛅 Horizon®Site 1 🌵 App					
www Horizon Universal Conso	le	Q Users ↓ Search here			
Monitor	~	Getting Started			
< Assign Desktops & Apps	>	Capacity			
88 Inventory	>				
Settings	>	🥑 🕮 VMware SDI			
		Complete			
		O A Microsoft A			
	_	Incomplete			
	«				
Monitor	>				
Assign Desktops & Apps	~				
VDI					
RDSH					
SS Inventory	>				
Settings	>	J			

- 3. In the Horizon Universal Console
 - Expand Assign Desktops &. Apps
 - In the Assign Desktops &. Apps area
 - Select VDI

Console	Q Users ∨ Se	earch here	
« vpps v	Assignment	DELETE ····	Name –
>		Complete	Corp24HZN
>	-	Complete	Corp24Assist

4. In the **Assignments** area

- In line with your **CorpXXHZN** Assignment
 - where XXx is your POD ID

- Select the Checkbox
- Select EDIT

Edit Desktop Assignment	General Information
1 General Information	Select the type of desktop to creat
2 Desktops	Field(s) marked with * are required.
3 Users	Desktop Type *
CANCEL NEXT	

- 5. In the Edit Desktop Assignment wizard
 - 1. General Information area
 - Select NEXT



- 6. In the Edit Desktop Assignment wizard
 - 2. **Desktop** area
 - Select NEXT

6			1			
Click to select a ho	ome site for th	is assignment.	1			
The assignment he or user group hom accesses the assig	ome site overri ne site when a anment.	ides the user user	rs and user groups f	or this assig	jnment.	
_				EUC-LIVE	FIRE	
2 Desktops		Find Users				
3 Users						
		Selected Use	ers/User Groups			
4 Summary		REMOVE	ASSIGN HOME SITE	(j)		
		Users/	User Groups	τ	Domain	
		〇 答Ma	arketing		EUC-LIVEFIRE	
		문 영Sa	les		EUC-LIVEFIRE	
and user groups to	r this assign	mant				
and user groups to	r uns assign	nent.				
	EUC-LIVEFIF	RE				
	IT supp					
Jser Groups	臋 IT Suppo	rt 🚽				
SSIGN HOME SITE Y	١					
Groups	т	Domain				

- 7. In the Edit Desktop Assignment wizard
 - 3. Users area
 - Next to Find Users
 - Enter IT Support
 - Select IT Support

Fir	nd Users	
Se	lected Users/User Groups	
(Users/I Clear Home Site	comain
	Bangalore 器IT : Seattle	EUC-LIV
(8 Marketing	EUC-LIV
(^谸Sales	EUC-LIV
	-	
CANCEL	BACK	

- 8. In the Edit Desktop Assignment wizard
 - 3. Users area
 - Next to **IT Support**
 - Select the Checkbox
 - Next to ASSIGN HOME SITE
 - Select the dropdown
 - Select Bangalore
 - Select NEXT

Edit Desktop Assignment	Summary
1 General Information	General Information
2 Desktops	Desktop Type Desktop Name
3 Users	Description Scope
4 Summary	Connection Affinity
	Home Site Restriction
	Pods
	_
CANCEL BACK FINISH	

- 9. In the Edit Desktop Assignment wizard
 - 4. Summary area
 - Select FINISH

Section 5: Configuring a custom Dynamic Environment wall paper archive

Before moving onto Section 5. Make sure the provisioning of your desktop pools for site 1 and site 2 has been completed



- 1. On your ControlCenter Server
 - On the **Taskbar**
 - Select and launch the Horizon Client shortcut

📮 VMwa	re Horizon Client	
	broker21.euc- livefire.com	0ro3uz vmwarehc

- 2. In the VMware Horizon Client
 - Select your **BrokerXX.euc-livefire.com** assignment

Workspace ONE*	
Select Your Domain	
euc-livefire.com 🗸	
Remember this setting	
Next	
vm ware [*]	

- 3. In the Workspace ONE login
 - Under Select Your Domain
 - From the **dropdown**
 - Select euc-livefire.com
 - Select Next

Workspace ONE*	
username kim	
password	
euc-livefire.com	
Sign In	
Forgot password?	
Change to a different domain	

4. In the **Workspace ONE** login

- Under **username**
 - Enter kim
- Under password
 - Enter VMware1!
 - Select Sign in

All Apps
Corp21HZN
THorizon
Cancel Launch
Open VMware Horizon Client Cancel

- 5. In the Workspace ONE Intelligence HUB
 - Under All Apps
 - Select your **Desktop assignment**
 - In the Horizon Client Launch window
 - Select Launch
 - In the **Open VMware Horizon Client?** window
 - Select Open VMware Horizon Client

No.	🖅 Run	×
		Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
	Open:	\\horizon-01a\software ~
		\\horizon-01a\software
		OK Cancel Browse
E	7	이 널 🔁 🥽 📫 🖅 Run

- 6. In the Horizon Desktop Session
 - Select and right-click the START button
 - Select Run
 - In the **Run** window
 - Next to Open:-
 - enter \\horizon-01a\software
 - Select OK



- 7. In the File Explorer window
 - Software Folder
 - Select DesktopBackground > VMware

- In the **VMware** folder
 - select and right-click vmware1
 - Select Set as desktop background

Collapse — X
>
ork will be lost.

- 8. In the VMware Horizon Client session
 - Next to **Exit Fullscreen**
 - Select the 3 dots
 - Select Logoff Desktop
 - On the **Disconnect Log off Desktop** window
 - Select OK

to Quick Copy access	Paste Paste shortcu	Move Copy to v to v	Delete Rename	New folder
Cli	pboard	Org	janize	
· → • ↑ [C:\UEMProfiles\kim\/	Archives\Windows Se	ettings	
E Pictures	* ^ Name	^	Da	te modif
Horizon	Default A	pps and FTAs.zip	10	/31/2022
NoAD	IE Passwo	ords.zip	10	/31/2022
Site1	🔢 Internet F	xplorer.zip	10	/31/2022
Site2	Personal	Certificates.zip	10	/31/2022
_	Screensa	ver.zip	10	/31/2022
This PC	🚦 Taskbar.z	ip	10	/31/2022
🧊 3D Objects	в туреа п	story.zip	10	/31/2022
E Desktop	📳 Wallpape	r-win10.zip	10	/31/2022
Documents	e windows	Ехріогензір	10	/31/2022
Downloads				

- 9. On your ControlCenter server
 - On your Taskbar,
 - Open the File Explorer Icon
 - browse to : -
 - C:\UEMProfiles\kim\Archives\Windows Settings
 - Validate that an DEM based Export did occur of the Wallpaper

Part 2 Configuring Dynamic Environment Manager for operations in Workspace ONE UEM

There are thousands of different combination settings we could use to deliver configurations to a Windows operating system. We will configure a few as part of the package and we will upload this to Workspace ONE UEM

Configuring Dynamic Environment Manager for operations in Workspace ONE UEM



- 1. On your ControlCenter Server
 - On the Taskbar
 - Select and launch the VMware Dynamic Environment Manager Management Console shortcut

	VMware Dynamic Environment Manager - Management Console									
	Personalization	User Environment	Condition Sets	Applicatio						
0	0	la 🔄								
Refresh Tree	Create Do Config File Config	wnload Save Template Config File	Section Folder Token *	Browse Local Profile						
		File	Editor	Profile B						
Find Gene 	Next Applications Vindows Settings									

- 2. In the VMware Dynamic Environment Manager Management Console
 - On the **Personalization** tab
 - Expand Windows Settings



- 3. In the VMware Dynamic Environment Manager Management Console
 - On the **Personalization** tab
 - Windows Settings
 - Select Wallpaper

VMware Dynan	VMware Dynamic Environment Manager - Management Console							
Personalization		User Environment	Condition Set	s Application Migra	tion			
Refresh Tree	Dow onfig 1 F	nload Save Femplate Config File	Section Folder Token Editor	Browse Brov Local Profile Other Profile Browsin	vse Profile g			
Find	Vext	Wallpaper - Stores t	he wallpap <mark>e</mark> r setti	ngs (OS-specific).				
General Applications Windows Settings Undows Settings F Passwords General F WebCache Microsoft Edge Microsoft Edge Network Printer Fersonal Certific Screensaver Taskbar Orgentistory Wallpaper Windows Explored	nd FT/ DISAE r s (DIS aates	Import / Export Use the editor belo This config file refe # This Flex con # Windows Comm # It has been # Wallpaper se # IMPORTANT: T # If you have # Flex config	Profile Cleanup w to configured erences Windows nfig file ref on Setting. configured to ttings will b his Flex conf redirected Ap, file selectin	Predefined Settings Bi	ckups DirectFlex Advar gistry information to Impo per'. In "Wallpaper - AppDa on the Advanced tab) and exported at log c you have NOT redir elete this Flex conf AppData redirected"			

4. In the VMware Dynamic Environment Manager - Management Console

• Wallpaper area

• Select the Predefined Settings tab



- 5. In the VMware Dynamic Environment Manager Management Console
 - In the Predefined Settings tab
 - Select Add...

Create Pre	edefined Setting	X
Settings	Conditions	
Predefin	ned Settings	
Name:		
Type:	Default Settings ·	
Label:		
Defaul	t Settings	
Applied	l if no user profile archive exists.	
No pre	defined settings are configured.	
	Create Install	
	1	
	<u>Save</u> <u>C</u> ancel	

6. In the **Create Predefined Setting** window

• In the **Default Settings** area

• Select Install...



- 7. In the File Explorer Window
 - Browse to C:\UEMProfiles\kim\Archives\Windows Settings
 - Select Wallpaper-win10.zip
 - Select Open

Create Pro	edefined Setting	-
Settings	Conditions	
Predefin	ed Settings	h
Name:	EUC Livefire Wallpaper	
type:	Derauk settings -	
Label:		
Defaul	t Settings	
Applied	l if no user profile archive exists.	
Predef	ned settings are configured (27 KB).	
	Edit Update	
	Save Cancel	

- 8. In the **Create Predefined Setting** window
 - Next to Name:
 - type EUC Livefire Wallpaper
 - Next to **Type**:

- ensure **Default Settings** are selected
- To close the **Create Predefined Setting** window
 - Select Save



- 9. On the **Dynamic Environment Manager Management Console**
 - Toolbar area
 - select Save Config File



- 10. On the Dynamic Environment Manager Management Console
 - Select the User Environment tab

	VMware Dynamic Environment Manager - Mar					
	Personalization		U	User Environment		
Refresh	Group By Tag	Create	Edit	Duplicate	Import	EXP
Lis	st			Drive Ma	appings	
ADM App V App V Applic Drive	X-based Se /olumes cation Bloc Mappings onmer	ttings king Create	Drive	Find Mapping	ppings	^
File T Files a	ype Associ and Folders	ations				

- 11. On the Dynamic Environment Manager Management Console
 - In the **User Environment** area
 - Select Drive Mappings
 - Right-click, Select Create Drive Mapping...

Drive Map	ping			×					
Settings	Conditions	Comments							
General	Settings —								
Name:	Desktop Wa	lpapers							
Label:									
Tag:									
Drive Ma	apping Setti ter: G	ngs							
Remote	path: 🚺	92.168.110.94	software\DesktopBackgrour	Browse					
Friendly	name:								
🔳 Skip i	if drive letter	is in use							
🔲 Run d	once								
Undo at logoff and refresh during drive mapping refresh									
🔽 Run a	Run asynchronously								

12. In the **Drive Mapping** window

- Under General Settings
 - next to Name:
 - type **Desktop Wallpapers**
- Under Drive Mapping Settings

- next to Drive Letter: select G
- next to Remote path: type \\192.168.110.94\software\DesktopBackground
- To close the **Drive Mapping** window
 - Select Save

Part 3: Getting started with Dynamic Environment Manager integration

Initial configuration involves configuring the Dynamic Environment Manager Console for Workspace ONE UEM integration and then setting a definition that will be uploaded into Workspace ONE UEM.

Getting started with Dynamic Environment Manager integration



1. In the Dynamic Environment Manager Console

- In the **Toolbar** area
 - To the right
 - Select Configure

Settings						×
General	App-V	Configuration Char	ngelog	Integration		
Location	n ——					
\\contro	olcenter\	UEMConfig				C <u>h</u> ange
- Persona	lization	eatures				
V Profi	le Cleanu	ıp	V A	dvanced		
V Pred	efined Se	ttings	V C	onditions		
🔽 Back	ups		VU	ser Environme	ent	
Settings						
General	App-V	Configuration Char	ngelog	Integration		
Worksp	ace ONI kspace O	UEM ONE UEM Integration	1			
	<u>О</u> К	<u>C</u> ancel				
/Mware D	ynamic E	nvironment Manag	er			×
1	The char take effe launche	nged 'Workspace ON ect the next time the d.	IE UEM I Manage	ntegration' set ment Console	tting wil is	Ι
					OK	

- 2. In the **Settings** window
 - Select the Integration tab
 - In the Integration tab area,
 - Next Workspace ONE UEM Integration
 - Select the **checkbox**
 - At the bottom of **Settings**,
 - select OK
 - In the VMware Dynamic Environment Manager window
 - Select OK
 - Close the Dynamic Environment Manager console
 - From the **Controlcenter Server** Taskbar
 - Launch the Dynamic Environment Manager- Management Console shortcut



- 3. On the ControlCenter server
 - From the **Taskbar**
 - Launch the File Explorer shortcut



- 4. In the File Explorer window
 - Under Quick access
 - Expand This PC
 - Select Local Disk (C:)
 - In the right pane
 - Select and open UEMConfig

21	📙 🛃 🔚 🖛 C	:\UEMC	Config				
	File Home	Share	e View				
1.07	Pin to Quick Copy access	Paste	✓ Cut Sum Copy path Paste shortcut	Move to •	Copy to •	Delete	Renan
	CI	ipboard	l .		Orga	anize	
	← → • ↑ [> TI	his PC → Local Disk	: (C:) > I	UEMCon	fig >	
	Site1	^	Name	^			
	Site2		📙 general				
	This PC		🖹 Immidio Fle	x Profiles	Configu	ration.xm	nl
	3D Objects		templates.b	in			
	📃 Desktop						

5. In the **File Explorer** window

• UEMConfig folder

• Select and open general

🗧 📙 🛛 🛃 🖬 🖛 🛛 C:\UE	MConfig\general	
File Home S	hare View	
Pin to Quick Copy Pas access	Cut Copy path te Paste shortcut to \bullet Copy to \bullet Copy	me New folder
Clipbo	oard Organize	
$\leftarrow \rightarrow \land \uparrow \square $	This PC > Local Disk (C:) > UEMConfig > general	>
Site1	^ Name	Date modi
Site2		3/1/2021 4
🛄 This PC		5/26/2022
3D Objects		5/26/2022
Desktop		

- 6. In the **File Explorer** window
 - UEMConfig\general folder
 - With your **keyboard**
 - Select CTRL + A
 - Select CTRL + C

A	VMware Dynamic	Environmen	t Manager - N	Managem
	Personalization	User Envi	ronment	Comp
0	3		9	
Refresh Tree	Create D Config File Conf	ownload ig Template	Save Config File	Section
		File		Ec
Find	Nex	ct		
	Create Config	File]	
	Create Folder			
	Import Config	g File		
	Validate Direc	tFlex		
	Explore			
	Properties			

- 7. On your ControlCenter server
 - Switch to your VMware Dynamic Environment Manager Management Console
 - In the VMware Dynamic Environment Manager Management Console

- Select and right-click General
 - Select Explore

ρpDa	ata\Local\Temp\2\DE	MConfig\gen	eral		
ıt	Move Copy to * Copy	tete Rename	New folder	New item ▼ Easy access	Properties
	Organize			New	Op
rator	r → AppData → Loc	al > Temp	> 2 > D	EMConfig > g	jeneral
	^	Da	te modifi	ed Type	
	View		>	This folde	er is empty.
	Sort by		>		
	Group by		>		
	Refresh				
	Customize this	folder			
	Paste				
	Paste shortcut				J

8. In the File Explorer folder

- Under **DEMConfig\general** (default)
 - Select and right-click to launch the menu
 - Select Paste



- 9. In the File Explorer folder
 - Under **DEMConfig**\general

- you should have 3 folders copied from the UEMConfig folder
- Switch back to your VMware Dynamic Environment Manager Management Console



- 10. In the VMware Dynamic Environment Manager Management Console
 - In the top left-hand corner, select the STAR Icon
 - In the **DEM Config Profile** drop menu
 - Select Import NoAD.xml

Select NoAD.xml config	uration file to install	
← → ∽ ↑ 📙	< FlexRepository > NoAD ~ ひ	Search NoAD
Organize - New	folder	
Documents	^ Name	Date modifi
👆 Downloads	🔮 NoAD.xml	5/29/2022 3
Music		
Pictures		
Videos	v <	
	File name: hfig\general\FlexRepository\NoAD 🗸	NoAD configurat
		Open

11. In File Explorer window

- Next to **File name**, copy and paste the following:
 - C:\UEMConfig\general\FlexRepository\NoAD

- Select Open
- Select the NoAD.xml file
 - Select Open



12. On the **Dynamic Environment Manager** Console

- In the top left-hand corner, select the STAR Icon
- In the **DEM Config Profile** drop menu
 - Select License

L	icense
	No license configured.
	Manage

13. In the License window

Select Manage...

Manage License		×
License		
💿 License key:		
License file	lnstall	
<u>R</u> emove	<u>O</u> K	<u>C</u> ancel

14. In the **Manage License** window

- Next to License file
 - Select the radio button



- 15. In the Select VMware Dynamic Environment Manager license file window
 - In the Address Bar
 - Select **DEM**

÷ → • ↑ 📘	« horiz	on-01a.euc-livefire.com > software > DEM	ۍ مر د	Search DEM
Organize 🔻 🛛 N	ew folder			B
Quick access	^	Name	Date modified	Туре
Desister		VMware-DEM-Enterprise-2203-10.5-GA	4/13/2022 1:14 PM	File folder
Downloads	*	UEM-DEM-2022-06-30 FlexEngine.lic	3/31/2022 9:15 AM	LIC File
Documents	Ĩ, -			
	File nam	e: UEM-DEM-2022-06-30 FlexEngine.lic	~	License file (*.lic)

- 16. In the Select VMware Dynamic Environment Manager license file window
 - Select UEM-DEM-2022-06-30 FlexEngine.lic
 - Select Open

ſ	license	×
	License expires in 73 days, on Thursday, June 30, 2022.	
	Manage	<u>о</u> к

17. In the **License** window

- To close this window
 - Select OK



- 12. On the VMware **Dynamic Environment Manager Management Console**
 - In the top left-hand corner, select the **STAR** lcon
 - In the **DEM Config Profile** drop menu
 - select Save As

Save As			×
	<< software > DEM >	✓ O Search DEM	Q
Organize 🔻 Ne	w folder	[= • ?
 Quick access Desktop Downloads Documents Pictures Certificate Bu Horizon 	Name Name VMware-DEM-Enterprise-2203-10.5-GA	Date modified Type 4/13/2022 1:14 PM File fo	lder
Gite1 Site2 File name: Save as type:	V K LivefireVS1 DEM Config Profiles (*.DEMConfig)		> ~ ~
 Hide Folders 		Save	Cancel

13. In the Save As window

- Next to File name:
 - enter LivefireVS1

• Select Save

C	Create DEM Config Profile	
[Copving file "Immidio Flex Profiles Configuration xml"	<u>^</u>
	Adding metadata.	
	Zipping folder contents.	
	Determining result through log file 'C:\Users\Administrator\AppData\Local\Temp\2\4qgin0rh.zmw\zip.log'.	
	Cleaning up.	
	DONE.	
l		×
	<u>K</u>	

- 14. In the Create DEM Config Profile window
 - Select OK

Part 4: Configuring Workspace ONE UEM to deliver the Dynamic Environment Manager FlexEngine to Endpoints

We completed the configuration of Dynamic Environment manager, we now go about demonstrating what is required to setup the Workspace ONE UEM part of the integration

We will now move on with Device Profile configuration

Configuring Workspace ONE UEM to deliver the Dynamic Environment Manager FlexEngine to Endpoints



- 1. On your ControlCenter Server
 - Open your Chrome Browser
 - In the address bar
 - enter dw-livefire.awmdm.com
 - In the Workspace ONE UEM login
 - Under Username,
 - enter your Custom username
 - Select Next
 - Under Password,
 - enter VMware1!
 - Select Log In



- 2. In the Workspace ONE UEM console
 - Select APPS & BOOKS

😲 Works	pace ONE UEM		DelioPotroHorizonRNEL
GETTING	Applications	~	Apps & Books 🗲 Applications
STARTED	Native		List View
	Web	>	
MONITOR	Logging	>	Internal Public Purchased
	Application Settings	>	Filters » ADD V EXPORT V
	Books	>	
DEVICES	Orders	>	✓ Icon Name UEM Vi
容	All Apps & Books Setting	s 🖸	
ACCOUNTS			
ATS6 BUOKS			
D			

- 3. In the APPS & BOOKS area
 - Ensure that you have **Native** > **List View** > **Internal** selected.
 - This should be **default**

LIST VI	lew	
Internal	Public	Purchased
Filters	>>	ADD Y EXPORT Y
-	Ico	Application File
		From Enterprise App Repository

4. In the APPS & BOOKS area

Under Internal, select ADD > Application File

Add Application		
Organization Group ID *	DelioPotroHorizonRNEL	UFLOAD

- 5. In the **Add Application** window
 - Select UPLOAD

Add	×	
Type 💿 Local File	OLink	
Choose Fi	e No file chosen	
Max Allowed File Siz	e: 10000 MB	
You have used 0 MB	of 20000 MB	
	SAVE CANCEL	
	opuoner componens	10/21/2022 2124 HIM
Pictures 🖈	open_source_license_ThinApp_52.0_GA.txt	10/21/2022 9:54 AM
DEM	open_source_license_VMware_Dynamic_Environment_Manager_10.7.0_GA.txt	10/21/2022 9:54 AM
NoAD	15 ⁰ VMware Dynamic Environment Manager Enterprise 2209 10.7 x64.msi	10/21/2022 9:54 AM
Site1	19 VMware Dynamic Environment Manager Enterprise 2209 10.7 x00.msi	10/21/2022 9/54 AM
Site2		
Y This PC		
3D Objects		
> Decision		
> Desktop		
> Documents		
> - Downloads		
> J Music		
> E Pictures		
> 🚰 Videos		
> 🏪 Local Disk (C:)		
Y 🥏 Network		
> 🛄 horizon-01a.euc		
> I tsclient v	¢	
File	name: VMware Dynamic Environment Manager Enterprise 2209 10.7 x54.msi	 All Files (*.*)
		0
		Optn
Add	×	
iype 💿 Local File	Olink	
Choose Fi	le) VMwar x64.msi	
Max Allowed File Siz You have used 0 MB	e: 10000 MB of 20000 MB	
	SAVE CANCEL	

- 6. In the **Add window i**nterface
 - Select Choose File
 - In the **Open** window,
 - Next to File Name
 - enter:- \\horizon-01a.euc-livefire.com\software\DEM\VMware-DEM-Enterprise-2209-10.7-GA
 - Select Open
 - In the VMware-DEM-Enterprise-2206-10.6-GA folder
 - Select VMware Dynamic Environment Manager Enterprise 2206 10.6 x64.msi
 Select Open
 - Select SAVE

Add Application		
Organization Group ID *	HZNADVINTRNELPOD31	
Application File *	VMware Dynamic Environment Manager Enterprise 2203 10.5 x64.msi	UPLOAD
Is this a dependency app?	YES NO	
CONTINUE		

- 7. In the **Add Application** window
 - Select CONTINUE



- In the Add Application VMware Dynamic Environment Manager Enterprise v 10.6.0.1047 window
 - Select the **Details** Tab
 - In the Details area
 - Next to Supported Processor Architecture
 - From the dropdown,
 - select 64-bit

	Add /	Application - Managed By: DelioPotr		e Dynamic		
Details	File	Deployment Options	mages	Terms of Use		
RJ	4M Required	0				
Ho	w To Install					
How To Insta	all ———					
Install Conte	ext	DEVICE	USER	()		
Install Comr	mand *	ige <mark>r</mark> Enterpr	ise 2203 10.5 x6	4.msi" /ɡn INTEGRA	TION_ENABLED=1	•

- 9. In the Add Application VMware Dynamic Environment Manager Enterprise v 10.6.0.1047 window
 - Select the Deployment Options Tab
 - Under the How to Install area
 - Next to Install Command*
 - append the following the end of the existing command
 - INTEGRATION_ENABLED=1
 - The command should look like below when complete
 - msiexec /i "VMware Dynamic Environment Manager Enterprise 2209 10.7 x64.msi" /qn INTEGRATION_ENABLED=1
 - Select SAVE & ASSIGN



Distribution		Distribution	
Restrictions	S.	Distribution	
		Name *	Dynamic Environment Manager
		Description	Assignment Description
		Assignment Groups *	To whom do you want to assign this app? All Devices (HZNADVINTRNELPOD27) ×
		Deployment Begins *	05/25/2022 🛄 12:00 AM
		App Delivery Method	 Auto
		Hide Notifications *	
		Allow User Install Deferral *	
		Display in App Catalog	
	ATE		

- 9. In the VMware Dynamic Environment Manager Enterprise Assignment window
 - In the **Distribution** area
 - Next to:-
 - Name :
 - enter Dynamic Environment Manager
 - Assignment Groups:
 - select All devices (YOUR ORGANIZATION)
 - Deployment Begins* Select the day before
 - App Delivery Method *:
 - next to Auto
 - select the Radio Button
 - Display in App Catalog
 - turn the **Toggle OFF**
 - Select CREATE
| VMware Dynam | c Environment Manager | r Enterprise - Assignment | |
|---|---|--|-----------------------------|
| Details
App Version : 10.4.0.10
Assignments Exclusi | IS UEM Version : 10.4.0.1013 Platfo | orm : Windows Desktop Status : @ Ac | tive |
| Devices will receive applica
a new rule at the bottom of
ADD ASSIGNMENT | ion based on the configurations below.
the list. | Devices with multiple assignments will receive | e policies in priority orde |
| Priority | Assignment Name | | Description |
| : <u>o</u> ~ | Dynamic Enviro | nment Manager | |
| | | | |
| | CANCEL SAVE | | |

10. In the VMware Dynamic Environment Manager Enterprise - Assignment window
 Select SAVE

ssignment Status	Friendly Name	User
dded	HZNServicesADVINT2022RNELPOD21 VMware7,15 e5W10EXT01A	20
dded	HZNServicesADVINT2022RNELPOD21 VMware Virtual Platform 1 eeW10CLIENT-02A	Fernando
dded	HZNServicesADVINT2022RNELPOD21 VMware7.1 c 55W10EXT-02A	Tom
dded	HZNServicesADVINT2022RNELPOD21 VMware Virtual Platform 1 eeWI0CLIENT01	Mark

- 11. In the **VMware Dynamic Environment Manager Enterprise Preview Assigned Devices** window
 - Select PUBLISH

Part 5: Configuring the Workspace ONE UEM Device Profile for VMware Dynamic Environment Manager

Device Profile configuration brings together our work in the beginning where we configured Dynamic Environment Manager and saved a Configuration file

This saved configuration will be uploaded into Workspace ONE UEM

Configuring the Workspace ONE UEM Device Profile for VMware Dynamic Environment Manager

- 1. On the ControlCenter Server
 - In the Workspace ONE UEM Admin Console
 - Select Devices
 - Select Profiles & Resources



- 2. In the **Workspace ONE UEM Admin** Console
 - Under Profiles & Resources
 - Select Profiles



- 3. In the **Profiles** interface
 - Select the dropdown next to ADD
 - Select Add Profile

Add Profile	
Select a platform to sta	irt:
Android	iOS Apple iOS
Windows	Android (Legacy)

- 4. In the Add Profile window
 - Select Windows

Select Device Type	Windows 7
Select Context	
User Profile	Device Profile

- 5. In the **Select Device Type** window
 - Select Windows Desktop
 - In the Select Context window
 - Select Device Profile

Add a New Windows	s Desktop Profile	
Find Payload	General	
Password	Name *	Windows 10 Device Profile
Wi-Fi	Version	1
VPN Credentials	Description	
Restrictions	Deployment	Managed
Defender Exploit Guard	Assignment Type	Auto
Data Protection		
Windows Hello	Allow Removal	Always
Firewall (Legacy)	Managed By	DelioPotroHorizonRNEL
Firewall		
Anti-Virus	Smart Groups	All Devices (DelioPotroHorizonRNEL)
Encryption		Start typing to add a group
Windows Updates	Exclusions	NO V55
Proxy		NO YES
OEM Updates		VIEW DEVICE ASSISNMENT

6. In the Add a New Windows Desktop Profile window

- In the General Area,
 - Add the following next to: -
 - Name: type Windows 10 Device Profile
 - Smart Groups: select All Devices (YOUR ORGANIZATION)

Windows Licensing	,
BIOS	
Kiosk	
Personalization	
Peer Distribution	
Dynamic Environment Manager	
· ·	
Dynamic Environment Manager	
CONFIGURE	

- 7. In the Add a New Windows Desktop Profile window
 - Scroll down and select Dynamic Environment Manager
 - In the right-hand pane, select **CONFIGURE**

dows	Desktop Profile			
)	Dynamic Environment Use the Dynamic Environment Manager Upload File*	Manager console to create, customize, and downloa	id your configuration files.	UPLOAD
A	Add	×		
	Choose File No file chosen			
	SAV	E CANCEL		

8. In the Dynamic Environment Manager pane

- Select **UPLOAD**
- In the Add window,
 - Select Choose File

😵 Open			×
← → × ↑ 📙 « softw	vare > DEM > V C Searc	h DEM	Ą
Organize 👻 New folder			
^	Name	Date modified	Туре
🖈 Quick access	VMware-DEM-Enterprise-2203-10.5-GA	4/13/2022 1:14 PM	File folde
📃 Desktop 🛛 🖈	LivefireVS1.DEMConfig	5/26/2022 12:49 PM	DEMCON
🕂 Downloads 🖈	NOADCMD.txt	4/19/2022 8:04 PM	Text Doc
🛗 Documents 🖈	UEM-DEM-2022-06-30 FlexEngine.lic	3/31/2022 9:15 AM	LIC File
📰 Pictures 🛛 🖈	Konstantion Number 2003-10.5-GA.zip	4/13/2022 9:08 AM	Compres
Certificate Bund			
Horizon			
Site1		_	>
File nam	e: LivefireVS1.DEMConfig V All F	iles (*.*) Open Car	v ncel
Add	~		
Choose File Liv	etireContig		

9. In the **Open** window

- Next to File name,
 - Enter \\horizon-01a.euc-livefire.com\software\DEM
 - Select Open
- Next to File name,
 - Select the LivefireVS1.DEMConfig file
 - Select Open
- In the **Add** window
 - Select **SAVE**

Find Payload westnotions Defender Exploit	Dynamic Enviror	nment Manager ent Manager console to create, customitte, a	nd download your configuration files.	
Data Protection	Upload File *	LivefineVS1.DEWConfig		UPLOAD
Firewall (Legacy)				

10. In the **Dynamic Environment Manager** area

Select SAVE AND PUBLISH

ssignment Status	Friendly Name	User
S Added	HZNServicesADVINT2022RNELPOD21 VMware Virtual Platfo	Mark
Added	HZNServicesADVINT2022RNELPOD21 VMware7,1 5 e5W10E	jil 👘
Added .	HZNServicesADVINT2022RNELPOD21 VMware Virtual Platfo	Fernand
Added	HZNServicesADVINT2022RNELPOD21 VMware7.1 c 55W10E	Tom

11. In View Device Assignment

Select PUBLISH

Part 6: Observing the results on the Windows 10 desktop

• We will now test the configurations from Part 1 to Part 4

Observing the results on the Windows 10 desktop



- 1. On the W10Client-01a desktop
 - In the bottom right corner,
 - select the Intelligent Hub Icon
 - right-click
 - Select Sync
 - · The deployment delivers the following:-
 - The Dynamic Environment Manager FlexEngine,
 - Configuration Profile
 - Licensing file
 - Select your Notifications in the bottom right corner



- Observe if the installation has started
- Wait for it to complete,
 - This could take up to 5 minutes

	Settings		Disconnect
	File Explorer		Sign out
	Search		Sleep
	Run		Shut down
	Shut down or sign out	>	Restart
	Desktop		H: 0
-	/ type nere to search	_	

- 2. On the **W10Client-01a** desktop
 - Select and right-click the **START** button
 - Select Shut down or sign out > Sign out



- 3. On your ControlCenter Server
 - On the **Desktop**
 - In the Remote Desktops \ Site1 folder

- Select and launch the W10Client-01a.RDP shortcut
- In the Windows Security window
 - Login with
 - the username: mark@euc-livefire.com
 - enter the password VMware1!
 - Select OK



- 4. On your W10Client-01a desktop
 - Observe you should now have a VMware wallpaper
 - On your **taskbar**, select the **folder** icon



- 5. In the **File Explorer** window
 - In the **Quick access** pane,

- Select This PC
- In the right pane under **Devices and drives**, scroll down
 - Observe you now have a Drive Mapping

		~	— C	x c
		ß,		A :
🕤 vCenter	New tab New windo New Incog	ow Inito windo	ow Ctil+S	Ctrl+T Ctrl+N Shift+N
	History Download: Bookmarks	5		► Ctrl+J
	Zoom	- 10	0% +	53
	Print Cast			Ctrl+P
	Find More tools	;		Ctrl+F
	Edit	Cut	Сору	Paste
	Settings Help			Þ
	Exit			

- 6. On the ControlCenter server
 - On your **Site 1 Chrome** browser
 - make sure you have no other Incognito windows sessions open
 - Open a New Incognito window session
 - In the address bar
 - enter your Workspace ONE Access URL

Workspace ONE"
Select Your Domain
euc-livefire.com
C Remember this setting
Next
vm ware:
Workspace ONE"
username Mark
password
euc-livefire.com
Sign In
Forgot password?
Change to a different domain

- 7. In the Workspace ONE Login
 - Under Select Your Domain
 - Select euc-livefire.com
 - Select Next
 - In the **Username** area
 - enter : mark
 - In the **Password** area
 - enter : VMware1!
 - Select Sign in

Favorites VMware Intelligent Hu \times + $\leftarrow \rightarrow \mathbf{C} \widehat{\mathbf{C}} \widehat{\mathbf{a}}$ aw-livefirernpod27.vidmpreview.com/catalog-portal/ui#/app-fa						
🕤 my-ip.livefire.lab/ip 🔤 Horizon®Site 1 媡 UAG-HZN-01a 媡 UAG-HZN-01b 🔼 Avi V						
	Favorites	Apps	People	For You	Support	
Apps	ŀ					

- 8. In the Web Intelligent hub console
 - Next to Favorites
 - select Apps

New Apps		
-		
	Launch from Client	
	Launch from Browser	
-	View Details	
Corp27HZN	Add to Favorites	vith na
	••• Website	 ☆

- 9. In the **Web Intelligent hub** console
 - In the **Apps** area
 - Select and Launch your Horizon Entitlement



- 10. In the Horizon Client
 - Notice you have the same wallpaper
 - When done, to launch the menu, in the top right corner
 - select the 3 dots
 - select Logoff Desktop
 - In the **Disconnect and logoff desktop?** window
 - Select OK

The ConfigFilePath : C:\ProgramData\AirWatch\DEM\UserProfile\Agent\general

Points to ProgramData, If you were to browse to this path, It Shows the location of where the Agent, XML config and licensing files are saved

The LogFilename path %LOCALAPPDATA%\VMware\DEM\Logs\FlexEngine.log,

And is where the FlexEngine.log file is saved

Both these paths can be useful for troubleshooting

Part 7: In Preparation for the OneDrive Day 4 labs

- When completing this lab your VMware Dynamic Environment Manager -Management Console will be in DEM / UEM Mode.
 - If you happen to close the MMC before you start the **Microsoft OneDrive Integration** lab you wil need to re-open your configuration first before continuing
 - If you fall into this category, perform the following steps and do not close your
 VMware Dynamic Environment Manager Management Console unless explicitly asked to do so.



- 1. On your Controlcenter server
 - From the taskbar, open your VMware Dynamic Environment Manager Management Console shortcut



2. In the VMware Dynamic Environment Manager - Management Console

- In the top right-corner
 - Select the STAR Icon
 - From the **Menu**, select **Open**

Select DEM Config Pro	ofile to	open				X
$\leftarrow \rightarrow \checkmark \uparrow$			~ Ō	Search DEM		P
Organize 🔻 Ne	w folde	er			EE 🔻 🔲	?
📙 Site1	^	Name	Date	modified	Туре	5
Site2		📙 config	5/31,	/2022 3:33 PM	File folder	
💻 This PC		VMware-DEM-Enterprise-2203-10.5-GA	4/13/	/2022 1:14 PM	File folder	
3D Objects		LivefireVS1.DEMConfig	5/26/	/2022 12:49 PM	DEMCONFIG File	2
📃 Desktop	~	<				>
File name: LivefireVS1.DEMConfig V DEM Config Profiles (*.DEMCor V						
				Open	Cancel	

3. In the Select DEM Config Profile to open window

- Select the LivefireVS1.DEMConfig file
 - This was the config file you created in this lab
- Select Open

E	xtract DEM Config Profile	
	Moving folder 'general\FlexRepository\ADMX Templates' Deleting folder 'FlexRepository' Deleting folder 'general' Moving file "Immidio Flex Profiles Configuration xml" Cleaning up.	^
		~

- 4. In the Extract DEM Config Profile window
 - Select OK



5. In the VMware Dynamic Environment Manager - Management Console

- Note that you have configurations back
- It might worth validating your wall paper and Drive mapping configurations are still there
- If you happen to close this MMC prior to starting lab 3 on Day 4. You will have to repeat these steps

Acknowledgements

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