Testing Horizon Desktop and Published Application Integration

Testing VMware Horizon integration with Workspace ONE Access using CPA Global Entitlements & NSX AVI Load balancing

We will look at 2 primary testing scenarios

- we will will see how the Desktop sessions are brokered using VMware Horizon Cloud Pod Architecture between 2 sites
- we will test the launch of the Desktop session through Workspace ONE Web Intelligent Hub using the Deep links created

Step 1: Testing Site 1 based network traffic



- 1. On your ControlCenter server
 - from the **Desktop**
 - Open the Remote Desktops \ Site 1 folder

• Launch the W11Client-01a.rdp shortcut

Windows Security	×
Your credentials did not	t work
Your system administrator does n credentials to log on to the remot because its identity is not fully ver credentials.	ot allow the use of saved te computer 172.16.30.40 rified. Please enter new
w11client-01a\craig	
Password	
The logon attempt failed	
More choices	
ОК	Cancel

- 2. In the **Windows Security** page
 - ensure **Craig** is the username
 - in the **password** area
 - enter VMware1!
 - select OK

📮 VMwa	are Horizon Client	
		1
	Add Server	
		-

- 3. On the **W11Client-01a** desktop
 - Launch the VMware Horizon Client shortcut

select + Add Server

VMware Horizon Client		
	Name of the Connection Ser	ver
	corp.euc-livefire.com	×
	corp.euc-livefire.com	×
	corp.euc-livefire.com Cancel	Connect

4. In the VMware Horizon Client

- Name of the Connection Server window
 - enter corp.euc-livefire.com
 - select Connect



- 5. In the **Workspace ONE Access** login window
 - below the Select Your Domain
 - from the **dropdown**
 - select euc-livefire.com
 - select Next

	Workspace ONE*	
usemame		
craig		
password		
VMware1!		Ì
	euc-livefire.com	
	Sign In	
	Forgot password?	
Cha	nge to a different domain	
	vm ware:	

- 6. In the **Workspace ONE** login window
 - below username
 - enter craig
 - below password
 - enter VMware1!
 - select Sign in

Open VMwa	re Horizon Client?	
https://corp	euc-livefire.com wants to open this application.	
Always	allow corp.euc-livefire.com to open links of this type in the associa	ted app
	Open VMware Horizon Client	Cancel

- 7. In the **Open VMware Horizon Client?** window
 - select Open VMware Horizon Client

VMware <	Horizon Client		
ć	https://corp.euc-liv	vefire.com	
	Developers	Enterprise_Deskto	Calcula
l	<u>☆</u>	û ···	☆
📮 VMware	Horizon Client		
مہ	Drive Sharing		
مہ	Do you want to sha when using remote	re your removable storag desktops and application	e and local files s?
	Permit access to yo	ur removable storage and	l local files
	For more choices, g	o to Settings > Drive Sha	ring
	Do not show the sh	his dialog again	

- 8. In the VMware Horizon Client login window
 - select the Enterprise Desktop entitlement
 - when prompted for Drive Sharing
 - select Allow

Settings
File Explorer
Search
Run
Shut down or sign out >
Desktop
terret and the second s

- 9. On your Horizon Desktop session
 - from the **taskbar**
 - select and right-click the **START** button
 - from the **inventory**
 - select Run

😑 Run	×
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	cmd.exe ~
	OK Cancel Browse

- 10. In the **Run** window
 - next to **Open**:
 - enter cmd.exe
 - select OK

Therefore Desktop				_		×
	딸 Ctrl+Alt+Del	USB Devices	>	(c) Ful	lscreen	
Select C:\Windows\System32\cmd	Lexe			_	0 (X
Microsoft Windows [Version (c) Microsoft Corporation.	10.0.22621.1105 All rights rese] rved.				I
C:\Windows\System32≻hostna BLR-Inst-2	me					
C:\Windows\System32>_						
	-					

- 11. In the **CMD.exe** window
 - In the **prompt area**:
 - enter hostname
 - with your **keyboard**
 - select ENTER
 - Notice that you have a **Horizon virtual desktop** with the **BLR** naming convention representing **Bangalore**
 - when done, **close** the CMD.exe window

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0.40 - Remote Deskto	p Connection						
. ≱ <u>.</u>	→ Enterprise_Des 🗉	Ctrl+Alt+Del	B USB Devices	> 🕂 Exit Fullscreen		-	×
	(Hel Abo Ret I Co CF Log X Dis	p out VMware Hori urn to Desktop a tings goff Desktop connect	zon Client nd Application Selection	Screen		
Disconnect a	nd log off desktop?						
This desktop will b	e disconnected and logged o	off. Any unsav	ed work will be lo	ost.			
	ОК	Car	ncel				

- 12. In the Horizon Client windows
 - next to Exit Fullscreen
 - select the more icons
 - from the **dropdown**
 - select Logoff Desktop
 - In the Disconnect and Log off desktop? window
 - select OK

Step 2: Testing Site 2 based network traffic



- 1. On your **ControlCenter** server
 - from the **Desktop**
 - Open the Remote Desktops \ Site 2 folder
 - Launch the W11Client-02a.rdp shortcut

Windows Security	;	×
Your credentials did no	t work	
Your system administrator does r credentials to log on to the remo because its identity is not fully ve credentials.	not allow the use of saved ote computer 172.16.40.40 erified. Please enter new	
w11client-02a\jackie		
•••••	୕	
The logon attempt failed		
More choices		
ОК	Cancel	

- 2. In the **Windows Security** page
 - ensure **Jackie** is the username
 - in the **password** area
 - enter VMware1!
 - select OK



- 3. On the **W11Client-02a** desktop
 - Launch the VMware Horizon Client shortcut
 - select + Add Server

Name of the Connection Ser	ver
Name of the Connection Service Corp.euc-livefire.com	ver X
Name of the Connection Service Corp.euc-livefire.com	ver X
Name of the Connection Service Corp.euc-livefire.com	ver ×

4. In the VMware Horizon Client

- Name of the Connection Server window
 - enter corp.euc-livefire.com
 - select Connect



5. In the **Workspace ONE Access** login window

- below the Select Your Domain
 - from the **dropdown**
 - select euc-livefire.com
 - select Next

	Workspace ONE*	
username jackie		
password		0
	euc-livefire.com	
	Sign In	
	Forgot password?	
Cha	nge to a different domain	
	vm ware [.]	

- 6. In the **Workspace ONE** login window
 - below username
 - enter jackie
 - below password
 - enter VMware1!
 - select Sign in

Open VMware Horizon Client?	
https://corp.euc-livefire.com wants to	open this application.
Always allow corp.euc-livefire.com t	o open links of this type in the associated app
	Open VMware Horizon Client Cancel

- 7. In the Open VMware Horizon Client? window
 - select Open VMware Horizon Client

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Ċ	https://corp.euc-liv	vefire.com	
	Developers	Enterprise_Deskto	Calcula
l	<u>۵</u>	<u>۵</u>	습
📮 VMware	Horizon Client		
~	Do you want to sha	are your removable storag	e and local files
	when using remote Permit access to yo C:\Users\Craig	e desktops and application our removable storage and	is? I local files
	For more choices, g	go to Settings > Drive Sha	ring
	✓ Do not show t	his dialog again	

- 8. In the VMware Horizon Client login window
 - select the Enterprise Desktop entitlement
 - when prompted for Drive Sharing
 - select Allow

strungs
File Explorer
Search
Run
Shut down or sign out >
Desktop
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- 9. On your Horizon Desktop session
 - from the **taskbar**
 - select and right-click the **START** button
 - from the **inventory**
 - select Run

😑 Run	×
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	cmd.exe ~
	OK Cancel Browse

- 10. In the **Run** window
 - next to **Open:**
 - enter cmd.exe
 - select OK

N11Clie	ent-02a - 172.16.40.40 - Remote Desktop Connection
8	III ♣ →← Enterprise Desk III Ctrl+A
Recycle Bin	
2	C:\Windows\system32\cmd.exe
Microsoft	Microsoft Windows [Version 10.0.22621.1413] (c) Microsoft Corporation. All rights reserved.
Edge	C:\Users\jackie>hostname SEA-Inst-3
	C:\Users\jackie>
VMware Horizon Pe	

- 11. In the **CMD.exe** window
 - In the **prompt area**:
 - enter hostname
 - with your **keyboard**
 - select ENTER
 - Notice that you have a Horizon virtual desktop with the BLR naming convention representing Bangalore
 - when done, **close** the CMD.exe window

11 m	**	Enterprise_Des.	🗒 Ctrl	1+Alt+Del 🛱 USB Devices > 🕂 Exit Fullscreen	×
				Help About VMware Horizon Client	
				Return to Desktop and Application Selection Screen	
				Settings	
			C	07 Logoff Desktop	
				X Disconnect	
Disconneo	ct and l	og off des	ktop?		

- 12. In the Horizon Client windows
 - next to Exit Fullscreen
 - select the more icons
 - from the **dropdown**
 - select Logoff Desktop
 - In the Disconnect and Log off desktop? window
 - select OK

Step 3. Testing Multi-session Horizon Integration with Workspace ONE Access using CPA Global Entitlements



- 1. On your Control Center server
 - On your Chrome browser
 - Open up an **Incognito** session
 - In the address bar enter your Workspace ONE Access tenant url

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

- 2. In the **Workspace ONE Access** login window
 - below the Select Your Domain

- from the **dropdown**
 - select euc-livefire.com
- select Next

	Workspace ONE*	
username craig		
password VMware1!		Ø
	euc-livefire.com	
	Sign In	
	Forgot password?	
Cha	inge to a different domain	
	vm ware	

- 3. In the **Workspace ONE** login window
 - below username
 - enter craig
 - below password
 - enter VMware1!
 - select Sign in

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0	my-ip	livefin	e.lab/i	p 🔤	Horizo	m®Site 1	٠	App Volum	es Site 1	Σm U	AG-HZ	N-01a	vm	UAG-HZN-01b	0
						EUCLF		Favorite	5	Apps		People	e	For You	
				Ар	ps										

4. In the web Intelligent Hub

Select Apps



5. In the web Intelligent Hub

- Under New Apps
 - select Enterprise Corp Calculator

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1	2	3	-	_
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- 6. On your ControlCenter session
 - Note your Calculator has launched
 - Feel free to try launch Sudoku & Terminal