Configuring the Workspace ONE Access Connector

Part 1. Configuring the Workspace ONE Access Connector

1. We have pre-installed the Workspace ONE Access Connector for you in the Lab environment. However since we have cloned the machine the connector is in an idle state and needs to be reinitiated.

- Log into your ControlCenter2 server with username administrator@euc-livefire.com and password VMware1!
 - 1. On your **ControlCenter2** server desktop select your **Remote Desktops** folder and select and launch your **WS1-Connector.RDP** shortcut.
 - 2. When prompted log in as username **administrator@euc-livefire.com** with the password **VMware1**!
 - 3. On the **WS1-Connector** server open the **File Explorer** to the following path **C:\VMware\VMwareidentityManager\Connector**
 - 4. Right Click the install.bat file and click Run as Administrator
 - 5. This will launch a PowerShell window that will clear out the state of the connector. Wait till the Powershell Window closes which confirms it has run successfully.
 - 6. Open services.msc and start the VMware IDM Connector service
 - 7. Wait for a few minutes till all the services have launched and move on to the next part of the lab.

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1. Our objective is to associate our on-premise connector instance with our SaaS instance of Workspace ONE Access.

- Log on to your **Control Center2** server in your Lab use your **Google Chrome browser**.
 - On your chrome select the WS1-connector shortcut or type https://ws1-connector.euc-livefire.com:8443/cfg in the address bar
 - 2. On the Your Connection is not private page, select **Advanced** and select **Proceed to** ws1-connector.euc-livefire.comue.
 - 3. On the **Get Started** Window select Continue
 - In the Set Passwords section next to Username type admin next to password type VMware1! next to Confirm Password type VMware1! select Continue at the bottom of the page.
 - On your browser, open up a second Tab, navigate to your unique Workspace ONE Access Tenant and if you have not done so login as Administrator with your unique password, that your received in your e-mail login
 - Navigate to Identity & Access Management > Setup > Connectors Select Add Connector
 - Next to Connector ID Name: type WS1-Connector. Next select Generate Activation Code . Next copy this code
 - Revert back to your WS1-Connector Server setup: On the activate connector page Paste this code into the Activation Code box of your Connector configuration setup, select Continue
 - 9. You should get a **setup is complete** page inside the Workspace ONE Access Console.



2. We will now configure and synchronise Active Directory to the Workspace ONE Access server using the external connector.

- First we will configure the Attributes. Note! Every organisation will need to research their requirements when deciding whether or not to set attributes to **required.** For specific applications where this needs to be considered, if the associated user object does not have the attribute, authentication might fail.
 - Navigate to Identity & Access Management > Setup > User Attributes
 Notice the attributes that are available and the option available to set these to Required.

 IMPORTANT NOTE: The attributes set to required cannot be changed after a directory sync has taken place.
 - 2. Set the attribute distinguishedName and userPrincipalName to Required
 - 3. Under Attributes to the right select the **Green Plus** (+) Add the following additional attributes (case sensitive) :
 - objectGUID
 - title
 - managerDN
 - 4. Select Save

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dd other attributes to A ₃e a	Add other attributes to sync to the directory. Go to the directory's attributes page to ttributes.	map these	_
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	objectGUID	×	+
	title	×	+
	Save		

- 3. Configure our AD-sync configuration with Workspace ONE Access.
- 1. To the right of the screen select Manage, select Directories
- 2. Select Add Directory > Add Active Directory over LDAP/IWA

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4. Configure our AD-sync configuration with Workspace ONE Access....continued

- In Add Directory Page, configure the following
 - 1. Directory Name: LivefireSync
 - 2. Ensure the Active Directory over LDAP radio button is selected
 - 3. The Sync Connector select the external connector ws1-connector.euc-livefire.com
 - 4. Directory Search Attribute: sAMAccountName
 - 5. Base DN: dc=EUC-Livefire,dc=com
 - 6. Bind DN: cn=administrator,ou=corp,dc=EUC-Livefire,dc=com
 - 7. Bind DN Password: VMware1!
 - 8. Select Test Connection
 - 9. Select Save & Next

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		Enter the account attribute that contains the user name.	
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5.

- Configure our AD-sync configuration with Workspace ONE Access....continued
 - 1. On the **Select the Domains** page, select **Next**. **euc-livefire.com** should be discovered.
 - On the Map User Attribute page scroll down to objectGuid and select the drop down arrow select objectGUID.
 Since this is the attribute we setup earlier in User Attributes we will also need to map it to

an AD attribute.

- 3. Next to **managerDN** select *custom input* and type **manager** in the dropdown
- 4. Next to **title** select **title** in the dropdown
- 5. Select Next

Note of interest

From version **Workspace ONE Access 1903** of , an attribute has been added which is **sourceanchor** set this also to **ObjectGUID**. Sourceanchor is the attribute often used for when

federating Azure. (Note: Some large customers may decide to use an alternative value such as ms-ds-consistenctguid for this attribute)

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If you are adding an Active Directory	/ over LDAP, domains are aut	¢		
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6.

- Configure our AD-sync configuration with Workspace ONE Access....continued
 - 1. On the **Select the Groups you want to sync** page, select the green plus (+) to the right of the page,
 - 2. Under **Specify the group DNs** type the following **dc=euc-livefire,dc=com** next to the distinguished name you added, select Find Groups then the **Select All** check box
 - 3. select Next.

Select the groups you want to sync		
Enter the Group DNs to sync, for example, CN=users,DC=examp you want to sync to the directory. When you select a group, the g groups will be synced when the group is entitled to a resource.	le.DC=company.DC=com. Select the Active Directory groups that roup names are synced immediately. Memberships of these	
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7.

- Configure our AD-sync configuration with Workspace ONE Access....continued
 - On the Select the Users you would like to sync page, under specify the user DNs type ou=corp,dc=EUC-Livefire,dc=com
 - 2. Select **Next**, notice the objects to sync in the Review page.
 - 3. There may be an error, "Missing required attributes email for imaservice" Disregard this error. The sync will stil work.
 - 4. Select Sync Directory

Select the Users you would like				
	to sync			
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- 8. Configuring the Built-in IDP in Workspace ONE Access
- Navigate to and select Identity & Access Management > Manage, select Identity Providers. Notice you now have an additional Identity Provider which is a Workspace IDP called WorkspaceIDP_1xxx which is associated with the LiveFireSync directory we just created above. This is an automatic process whereby when the built in connector is associated with Active Directory this Identity Provider gets created.

Das	hboard	•	Users & Groups	Catalog	✓ Identity & A	Access Management	Appliance	Settings	Q Search users, groups o	r applicatio
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- 9. Configuring the Built-in IDP in Workspace ONE Access...continued
- Let's associate the Built-In iDP with the AD and the external connector to ensure **Password** (Cloud Deployment) can be used as an authentication method.

- 1. Select Built-In.
- 2. In the **Built-in IDP** windows select the following:
 - 1. Select LivefireSync under Users
 - 2. All Ranges under Network
 - 3. Add the WS1-Connector.euc-livefire.com to the connector section
 - 1. Click Add Connector to confirm
 - 4. Select Password (Cloud Deployment) checkbox
 - 5. Select **Save** at the bottom of the page.

dentity Provid	ders (3)						Add Identity Provider
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		C	System Directory				
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	2		✓ ALL RANGES				
	Authe	entication Methods	Select which authentica	ation methods the Id	will use to authentica	ite users.	
			Authentication Meth	hods	Associ	ate Authentication M	ethod
			Password (Local Di	rectory)			
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- 10. Configuring the Built-in IDP in Workspace ONE Access...continued
- We need to ensure that our default access policy has **Password (Cloud Deployment)** set as the authentication method for enrollment to work. Note, Workspace ONE enrollment uses this access policy.
 - Navigate to Identity & Access Management > Manage > Policies . Select dafault_access_policy_set and select EDIT (this will edit the default Access Policy Set)
 - Select Configuration on the left navigation and Workspace One App Policy and select Password (Cloud Deployment) as the first authentication form. Select SAVE at the bottom of the page.
 - 1. **NOTE**: Be sure to leave Password (Local Directory) as the fallback method as seen in the screen shot below.
 - Now Select the Web Browser and do the same by changing the primary authentication method to Password (Cloud Deployment) and select SAVE at the bottom of the page.
 NOTE: Be sure to leave Password (Local Directory) as the fallback method
 - 4. Select **NEXT** on the **Policy Page** and **SAVE** on the final page of the wizard.

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This section of the lab is completed. We will not install and configure the ACC as a later lab will look at SCIM provisioning users in the WorkspaceOne UEM.