



Calyx RIM SmbConnector SDLC Installation Qualification

Doc Version 1.0

Effective Date: 22-JAN-2024

Approved by Author Signed and dated electronically.

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Vladimir Kozlov

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Signing Reason: I am the author of this document
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Vladimir Kozlov, Software Engineer, R&D Regulatory
Confirms that the document is written in line with SOP-TEC010 and confirms completeness and operational correctness of the installation script.

Approved by Technology Owner Signed and dated electronically.

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James Ebert, Associate Director, Software Engineering, R&D Regulatory
Approval constitutes completeness and operational correctness of the installation qualification and acceptance of this document as installation script for related requirements..

Approved by Quality Owner Signed and dated electronically.

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Vin Scalo

V Signer Name: Vin Scalo
Signing Reason: I approve this document
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Vin Scalo, Associate Quality Director, Calyx Quality
Approval constitutes completeness and operational correctness of the installation qualification and acceptance of this document as installation script for related requirements.

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Reference Documentation

Document Code	Title
SOP-TEC010	Software Development Life Cycle

Document Revision History

Version	Author	Effective Date	Summary of Changes
1.0	Vladimir Kozlov	Date of Last Signature	Initial Document

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1. Introduction

1.1 Scope

This document specifies the implementation steps required for Calyx RIM SmbConnector V2.0.X in accordance with the SOP-TEC010 Software Development Life Cycle.

Furthermore, this document allows the ability to track all configuration settings that have been applied during the implementation process for the specific environment and use.

The correct execution of the implementation steps and the correct configuration according to the configuration settings specified in this document will be verified as part of the implementation process.

2. Configuration

Installer - please add the installation-specific configuration settings and indicate if automated or manual install.

Automated Manual

Configuration Item	Setting / Value	Reason/Comment
Server/Host/Domain Name		
Administrator Accounts		Do not add any passwords
Listener Port(s)		Other the standard Ports

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3. Implementation and Verification

Implementation Record	
Installing Organisation ¹	
Calyx RIM SmbConnector Version ²	
Build Number ³	
Environment ⁴	
Installation Date	
Notes	

¹ The name of the organization performing the implementation - e.g., Global Hosting

² The software version being implemented

³ The build number of the software version being implemented

⁴ Environment the software is being implemented (e.g., Development, Controlled Test, Production)

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3.1 System Requirements/Prerequisites

Installer - please confirm the following System Requirements/Prerequisites.

In case an item is no longer applicable, please check the “N/A” Checkbox and provide a handwritten statement to the deviation/comments field to give an explanation.

Software/Feature Required	Supported Versions	Available	Deviation/ Comments
Windows Server version	2019	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
ASP.NET Core Runtime	6.0 Windows Hosting Bundle	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Internet Information Services	10 or later	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
The DTDs and templates archive		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
TechnicalAdminServiceProxy_BaseUrl		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
AuthManagerServiceProxy_BaseUrl		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
AuthManagerServiceProxy_ClientId		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
AuthManagerServiceProxy_ClientSecret		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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3.2 Implementation and Verification

Installer - please choose the implementation type(s) to be performed.

The selected implementation type(s) defines the implementation and verification steps that need to be executed.

Implementation Type	Performed	Steps required	Comments
Installation is not present	<input type="checkbox"/> Yes <input type="checkbox"/> No	1 – 32	
Upgrade of existing installation	<input type="checkbox"/> Yes <input type="checkbox"/> No	33 – 45	

Installer - please perform the following implementation steps using the actual configuration settings defined in the Configuration Information table (if applicable).

- For each step in this document, the Installer must record the result ('pass' / 'fail') or 'N/A' for 'not applicable' by checking the appropriate box; if N/A, a reason why the step is not applicable must be indicated in the Deviation/Comments column.
- For any installation information or instruction that is found to be incorrect in minor detail, the Installer records a correction in the document with his/her initials, the date and the reason for the change if it is not apparent.
- Additional Objective Evidence can be taken and provided using the Objective Evidence template. Leave space to append the objective evidence at the end of the document. if necessary, Objective Evidence maybe be added to a separate document which cross references the executed script

Please note: Except for the “Deviation/Comments” column, no other fields shall be left blank.

Reviewer - please review all the implementation steps to verify that all steps were processed correctly and as documented.

3.3 Implementation and Verification Steps

Step	Instructions	Expected Result	Actual Result	Deviation/Comments
1.	Create the variable TechnicalAdminServiceProxy_BaseUrl in environment variables. Set the provided value.	The TechnicalAdminServiceProxy_BaseUrl variable is created and has a value.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>Create the variable AuthManagerServiceProxy__BaseUrl in environment variables.</p> <p>Set the provided value.</p> <p>Create the variable AuthManagerServiceProxy__ClientId in environment variables.</p> <p>Set the provided value.</p> <p>Create the variable AuthManagerServiceProxy__ClientSecret in environment variables.</p> <p>Set the provided value.</p>	<p>The AuthManagerServiceProxy__BaseUrl variable is created and has a value.</p> <p>The AuthManagerServiceProxy__ClientId variable is created and has a value.</p> <p>The AuthManagerServiceProxy__ClientSecret variable is created and has a value.</p>		
2.	<p>Open Registry Editor. Navigate to Computer\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\HTTP\Parameters. Right click on Parameters on the left pane in the tree view. Select New->DWORD (32-bit) Value. Set the following name of the created variable: UrlSegmentMaxLength. Right click on UrlSegmentMaxLength select Modify... Populate the following: Value data = 1024 Base = Decimal</p>	<p>The UrlSegmentMaxLength variable is created and has a value.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
3.	<p>Restart a virtual machine.</p>	<p>The virtual machine is restarted.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
4.	<p>From the Start menu, select Server</p>	<p>The Server Manager is run. Add Roles and</p>	<input type="checkbox"/> Yes	

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	Manager. On the Server Manager Dashboard select Add roles and features option.	Features Wizard is displayed.	<input type="checkbox"/> No <input type="checkbox"/> N/A	
5.	Select Next on Before You Begin Wizard page.	The Installation Type page is displayed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
6.	Select Role-based or feature-based installation option on the Installation Type page. Select Next.	The Server Selection page is displayed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
7.	Select option Select a server from the server pool on Server Selection page. Select Next.	The Server Roles page is displayed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
8.	Select Web Server (IIS) checkbox on Server Roles page. Select the Add Features in the Add features that are required for Web Server (IIS)? Window. Select Next.	The Role Services page is displayed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
9.	Select Next on Role Services page.	The Confirmation page is displayed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
10.	Select Install on the Confirmation page.	The Results page is displayed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
11.	Waiting for until the end of the Feature installation on the Results page. Select Cancel.	The Add Roles and Features Wizard is completed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
12.	Navigate to <Non System Drive> and create the Microservices directory.	The Microservices directory is created.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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13.	From the install media, copy Calyx.RIM.SmbConnector-X.X.X.zip build to <Non System Drive>:\Microservices.	The Calyx.RIM.SmbConnector-X.X.X.zip is copied.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
14.	Unzip the Calyx.RIM.SmbConnector-X.X.X.zip to a new Calyx.RIM.SmbConnector-X.X.X child directory	The Calyx.RIM.SmbConnector-X.X.X.zip unzipped.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
15.	Navigate to <Non System Drive> and create the LocalRepository directory.	The LocalRepository directory is created.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
16.	Right click on <Non System Drive>:\LocalRepository. Select Properties . Navigate to the Sharing tab. Click on Advanced Sharing... Check Share this folder . Enter LocalRepository in the Share name textbox. Click OK . Click Close .	The LocalRepository directory is shared.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
17.	From the install media, copy the DTDs and templates archive to <Non System Drive>:\LocalRepository.	The DTDs and templates archives copied.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
18.	Unzip the DTDs and templates archive to <Non System Drive>:\LocalRepository.	The DTDs and templates archives unzipped.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
19.	Open <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X\Configurations\r	The repository is added.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>epositories.json in Notepad.</p> <p>Replace <associated-name>:<server share-folder> in RepositoriesMap:Repositories with the alias name and the SMB share.</p> <p>Where: associated-name – the alias name; server – IP or the server name; share-folder – the shared folder.</p> <p>Save the changes.</p> <p>Note: the alias name is case sensitive.</p> <p>Examples: “ProdShare”.”prdsrv01 production_share” “ProdShare”.”10.128.0.1 production_share”</p>			
<p>20.</p>	<p>Optional step for the case when more than one repository is required</p> <p>Open <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X\Configurations\repositories.json in Notepad.</p> <p>Add a new repository.</p> <p>Save the changes.</p> <p>Note: repositories need to be comma separated. The alias</p>	<p>The repository is added.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	

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	name must be unique for each repository.			
21.	<p>Open <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X\Configurations\repositories.json in Notepad.</p> <p>Add the new repository LocalRepository:<VM_name> LocalRepository.</p>	The repository is added.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
22.	<p>Optional Step</p> <p>To overwrite the default value for JwtOptions:ExpiresAfter. Open <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X\appsetting.json in Notepad. Update value for JwtOptions:ExpiresAfter.</p> <p>Save the changes. The default value is 00:00:15:00. The format is: dd:hh:mm:ss. Where: dd - number of days; hh - 0 - 24 hours; mm - 0 -60 minutes; ss - 0 - 60 seconds.</p>	The JwtOptions:ExpiresAfter value is overwritten.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
23.	<p>Optional Step</p> <p>To overwrite the default value for SMBConnectionConfiguration:ResponseTimeoutInMilliseconds. Open <Non System Drive>:\Microservices\</p>	The SMBConnectionConfiguration:ResponseTimeoutInMilliseconds value is overwritten.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>Calyx.RIM.SmbConnector-X.X.X\appsetting.json in Notepad. Update value for SMBConnectionConfiguration:ResponseTimeoutInMilliseconds.</p> <p>Save the changes. The default value is 5000.</p>			
24.	<p>Optional Step</p> <p>If asynchronous operations are supported. To enable asynchronous file upload to Azure Blob. Change the default value for ConnectorSyncCache:MaxFileSize. Open <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X\appsetting.json in Notepad.</p> <p>Update value for ConnectorSyncCache:MaxFileSize.</p> <p>Save the changes.</p> <p>Available values: -1: synchronous file upload to Azure Blob 0: asynchronous file upload to Azure Blob Any more than 0: mixed. If the file size in bytes is greater than the value - asynchronous file upload to Azure Blob. If the file size is</p>	<p>The ConnectorSyncCache:MaxFileSize value is overwritten.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>	

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	<p>lower than the value - synchronous file upload to Azure Blob.</p> <p>The default value is -1.</p>			
25.	<p>Optional Step</p> <p>To change clean up timeout of the in_process folder in Azure Blob.</p> <p>Change the default value for CacheOptions: SMBConnectorSyncCacheTimeoutSec. Open <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X\appsetting.json in Notepad.</p> <p>Update value for CacheOptions: SMBConnectorSyncCacheTimeoutSec.</p> <p>Save the changes.</p> <p>The default value is 1800.</p>	<p>The CacheOptions: SMBConnectorSyncCacheTimeoutSec value is overwritten.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
26.	<p>Open IIS Manager and stop the Default site. Right click on Sites-> Add new Website</p> <p>Site Name = SmbConnector</p> <p>Physical Path = <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X</p> <p>Port = 9097</p>	<p>The Default site is changed to new Website.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	Host name = localhost			
27.	<p>Select the SmbConnector site on the left pane, right click menu, select Edit Bindings.</p> <p>On the Site Bindings window select Add...</p> <p>Populate the following:</p> <p>Port = 9097</p> <p>Host name = <full computer name></p> <p>Example: computername.pharmac o.com</p>	The additional binding is provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
28.	<p>Optional Step</p> <p>Note: the certificate name cannot contain underscores.</p> <p>To enable SSL connection.</p> <p>Open Internet Information Services (IIS) Manager.</p> <p>Navigate to Home.</p> <p>On the opened View select Server Certificates.</p> <p>On the right Actions pane click Import...</p> <p>On the Import Certificate window populate the following:</p> <p>Certificate file (.pfx) = <the full path to a certificate></p> <p>Password = certificate's password</p> <p>Click OK</p>	The additional binding is provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>Select the SmbConnector site on the left pane, right click menu, select Edit Bindings. On the Site Bindings window select Add... Populate the following:</p> <p>Port = 9098 Host name = <full computer name> Example: computername.pharmac o.com</p> <p>Select "https" in the Type dropdown. Select a certificate in the SSL certificate dropdown or click Select... Click OK</p> <p>On the Site Bindings window click Close.</p> <p>Note: certificates must be added on the DmsManager VM</p>			
29.	<p>On the site Features View page click Configuration Editor -> Section=system.webServer/aspNetCore -> environmentVariables and change variables:</p> <p>ASPNETCORE_ENVIRONMENT = Production</p>	<p>The ASPNETCORE_ENVIRONMENT value is updated.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
30.	<p>Right click on <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X. On the</p>	<p>The SmbConnector user is created. The user has full permissions.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>opened window navigate to the Security tab. Click Edit... On the opened window click Add... On the Select Users or Groups window click Locations... select your server. Click OK.</p> <p>Enter IIS AppPool\SmbConnector in the text box. Click Check Names. Click OK.</p> <p>Select SmbConnector in the Group or use names list. In the Permissions for SmbConnector list check all checkboxes in the Allow column. Click OK.</p> <p>Click OK.</p>			
31.	Restart the site.	The site is restarted.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
32.	<p>Try to open swagger on link <a href="http://<hostname>:9097/swagger">http://<hostname>:9097/swagger to see if the site was started</p>	The swagger is opened.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Upgrade existing SmbConnector microservice.

33.	<p>Open Internet Information Services (IIS) Manager. Navigate to previous <i>SmbConnector</i> Web</p>	<p>The previous <i>SmbConnector</i> Web Site is stopped and removed from the Connections tree in IIS Manager.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-----	---	---	---	--

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	<p>Site in the Connections tree.</p> <p>Record the Physical Path of the current installation in the Comments column. This will be referred to as the <i>previous installation directory</i> in the following steps.</p> <p>Select Stop in the Actions pane.</p> <p>Select Remove from the <i>SmbConnector</i> Web Site right click menu.</p>			
34.	From the install media, copy Calyx.RIM.SmbConnector-X.X.X.zip build to <Non System Drive>:\Microservices .	The Calyx.RIM.SmbConnector-X.X.X.zip is copied.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
35.	Unzip the Calyx.RIM.SmbConnector-X.X.X.zip to a Calyx.RIM.SmbConnector-X.X.X child directory. This is referred to as the <i>new installation directory</i> in the following steps	The Calyx.RIM.SmbConnector-X.X.X.zip unzipped.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
36.	Copy < <i>previous installation directory</i> >\Configurations\repositories.json to < <i>new installation directory</i> >\Configurations\repositories.json	< <i>previous installation directory</i> >\Configurations\repositories.json is copied.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
37.	Open < <i>previous installation directory</i> >\Calyx.RIM.SmbConnector-X.X.X\	Two files opened in separate instances of Notepad.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>appsetting.json in Notepad.</p> <p>Open <new installation directory> \Calyx.RIM.SmbConnector-X.X.X\ appsetting.json in Notepad.</p>			
38.	<p>Ensure the following values: JwtOptions:ExpiresAfter ConnectorSyncCache: MaxFileSize are copied from <previous installation directory> \Calyx.RIM.SmbConnector-X.X.X\ appsetting.json to <new installation directory> \Calyx.RIM.SmbConnector-X.X.X\ appsetting.json</p>	Optional configuration values are copied.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
39.	<p>Close Notepad instance of <previous installation directory> \Calyx.RIM.SmbConnector-X.X.X\ appsetting.json do not save changes. No changes should have been made to this file.</p> <p>Close Notepad instance of <new installation directory> \Calyx.RIM.SmbConnector-X.X.X\ appsetting.json save changes if prompted.</p>	Optional configuration values are saved.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
40.	Select Add Website... from the Sites right click menu and enter	A new <i>SmbConnector</i> Website is added.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>the following in the Add Website window: Site name = SmbConnector Physical path = <i>new installation</i> directoryPort = 9097 Host name = localhost</p> <p>Select OK.</p>			
41.	<p>Select the SmbConnector site on the left pane, right click menu, select Edit Bindings. On the Site Bindings window select Add... Populate the following:</p> <p>Port = 9097</p> <p>Host name = <full computer name></p> <p>Example: computername.pharmac o.com</p>	The additional binding is provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
42.	<p>On the site Features View page click Configuration Editor ->Section=system.webServer/aspNetCore ->environmentVariables and change variables:</p> <p>ASPNETCORE_ENVIRONMENT = Production</p>	The ASPNETCORE_ENVIRONMENT value is updated.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
43.	<p>Right click on <Non System Drive>:\Microservices\Calyx.RIM.SmbConnector-X.X.X. On the opened window navigate to the Security tab. Click Edit...</p>	The SmbConnector user is created. The user has full permissions.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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	<p>On the opened window click Add... On the Select Users or Groups window click Locations... select your server. Click OK.</p> <p>Enter IIS AppPool\SmbConnector in the text box. Click Check Names. Click OK.</p> <p>Select SmbConnector in the Group or use names list. In the Permissions for SmbConnector list check all checkboxes in the Allow column. Click OK.</p> <p>Click OK.</p>			
44.	Restart the site.	The site is restarted.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
45.	<p>Verify the site is started: open in a Browser link to swagger.</p> <p>Example: http://<hostname>:9097/swagger</p>	The site is started.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

3.3.1 Objective Evidence:

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3.3.2 Installation Completion Information

	Name	Installation Completion Date
Installed By	First name Last name	dd-MMM-yyyy

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3.4 Executed Signatures

Overall Outcome		Comments
<input type="checkbox"/> Pass <input type="checkbox"/> Pass with issues <i>(explain minor failure or workaround)</i> <input type="checkbox"/> Fail <i>(list failures)</i>		
Signatories	Name	Date & Signature *
	Meaning of Signature	
Installer(s) <i>Include a row for each installer</i>		
	Confirms the correct pre-approved version of the installation qualification script was used for installation execution, that the install was performed in accordance with SOP-TEC010, and that the results are recorded accurately. <i>Note: Installations executed by each installer are indicated in the Completion Information in each installation section</i>	
Approver(s) <i>Include a row for each approver</i>		
	Confirms the correct pre-approved version of the installation qualification script was used for installation execution, the executed installation qualification script has been reviewed, the results are accurate, and any failures are acceptable or have been resolved.	

**Signatures may be provided electronically.*

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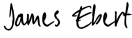
Certificate Of Completion

Envelope Id: 38B0445BEC6A475F96B69035FC62CEF7	Status: Completed
Subject: Complete with DocuSign: Calyx_RIM_SmbConnector_SDLC_Installation_Qualification.docm	
Source Envelope:	
Document Pages: 23	Signatures: 3
Certificate Pages: 4	Initials: 0
AutoNav: Enabled	Envelope Originator:
Enveloped Stamping: Enabled	Vladimir Kozlov
Time Zone: (UTC) Dublin, Edinburgh, Lisbon, London	Perimeter Six, Suite 575
	1010 Sync St.
	Morrisville, NC 27560
	Vladimir.Kozlov@calyx.ai
	IP Address: 34.254.37.67

Record Tracking

Status: Original	Holder: Vladimir Kozlov	Location: DocuSign
22-Jan-2024 16:59	Vladimir.Kozlov@calyx.ai	


Signer Events

	Signature	Timestamp
James Ebert James.Ebert@calyx.ai Associate Director, Software Engineering Calyx Security Level: Email, Account Authentication (Required)	 Signature Adoption: Pre-selected Style Signature ID: 9F020D18-EAB2-4D29-9854-5C9DD7A7D12F Using IP Address: 142.215.214.7 With Signing Authentication via DocuSign password With Signing Reasons (on each tab): I approve this document	Sent: 22-Jan-2024 17:31 Viewed: 22-Jan-2024 19:17 Signed: 22-Jan-2024 19:20

Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Vin Scalo Vin.Scalo@calyx.ai Associate Quality Director Calyx Security Level: Email, Account Authentication (Required), Logged in	Vin Scalo Signature Adoption: Pre-selected Style Signature ID: 9865A606-53AD-4652-8AC9-1C9FA8D743B1 Using IP Address: 24.63.158.80 With Signing Authentication via DocuSign password With Signing Reasons (on each tab): I approve this document	Sent: 22-Jan-2024 17:31 Viewed: 22-Jan-2024 18:18 Signed: 22-Jan-2024 18:19
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Electronic Record and Signature Disclosure:
Not Offered via DocuSign

Signer Events	Signature	Timestamp
Vladimir Kozlov vladimir.kozlov@calyx.ai Software Engineer Calyx Security Level: Email, Account Authentication (Required)	 Signature Adoption: Pre-selected Style Signature ID: B475745D-E925-43EF-85D1-18FA665CF951 Using IP Address: 95.67.89.176 With Signing Authentication via DocuSign password With Signing Reasons (on each tab): I am the author of this document	Sent: 22-Jan-2024 17:31 Viewed: 22-Jan-2024 17:31 Signed: 22-Jan-2024 17:32
Electronic Record and Signature Disclosure: Accepted: 22-Jun-2022 10:14 ID: 1b0b4ae0-faf6-4b4e-97d0-7ca95ebdea0e		
In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp
Witness Events	Signature	Timestamp
Notary Events	Signature	Timestamp
Envelope Summary Events	Status	Timestamps
Envelope Sent	Hashed/Encrypted	22-Jan-2024 17:31
Certified Delivered	Security Checked	22-Jan-2024 17:31
Signing Complete	Security Checked	22-Jan-2024 17:32
Completed	Security Checked	22-Jan-2024 19:20
Payment Events	Status	Timestamps
Electronic Record and Signature Disclosure		

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