





# Data Flow Manager User Guide





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## 1. Components of Data Flow

Data Flow Manager consists of the following components:

- **Dashboard:** The home page showing system insights.
- Clusters: Manage and monitor clusters.
- **Process Groups:** Organize and manage process groups.
- Deployment Schedule: Manage scheduling for deployment workflows.
- User Management: Handle user access and permissions.
- Roles & Permissions: Configure roles and permissions for users.
- Activity History: View logs or history of system activities.
- LDAP Configuration: Manage LDAP integration for authentication.
- Controller Service: Configure and manage controller services.

#### **Header Section**

- **Cluster Name:** Displays the current cluster (e.g., "Dev Cluster") the user is working on.
- User Information: Displays the logged-in user.

	<b>₽FM</b>	a Dashboard			₽g • Dev Cluster ♥ Anil Singh ♥	
	Data How Manager	R Quick Insights	Quick Insights		Select Process Group 🗸 🧿	
Ω				Cick of stopped Processors to view details		
Ŀ	Clusters	40	<u>(@)</u> 0	18	× o	
÷	Process Groups	Total Processors	Running Processors	Stopped Processors	Disabled Processors	
<b>=</b>	Deployment Schedule	1 22	0	0.00 MB	<b>8</b> 0	
ĸ	User Management	Invalid Processors	Active Threads	Total Queued	Flow Files Queued	
8	Roles & Permissions					
E.	Activity History	K Flow Metrics				
*	LDAP Configuration	2				
85	Controller Service	1.5				
0	Help & Support	1				

## 2. Dashboard

The dashboard provides an overview of the system's operational state and allows navigation for detailed configuration and management.

## 2.1. Quick Insights

- Total Processors: The total number of processors configured in the system.
- Running Processors: The number of processors actively running.
- **Stopped Processors:** The number of processors currently stopped. You can click to view detailed information about them.
- Disabled Processors: The processors that are disabled and not operational.



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- **Invalid Processors:** Processors that are invalid, likely due to incorrect configuration or missing resources.
- Active Threads: The number of active threads currently in use.
- Total Queued: The total size of data (in MB) queued in the processors.
- Flow Files Queued: The total number of flow files queued in the system.

### 2.2. Flow Metrics

A visual graph (not fully displayed in this section) likely shows metrics related to data flow over time.

## 3. Clusters

Under the **Clusters** tab, you'll find a list of clusters from your NiFi instance. To deploy or upgrade data flows, you first need to log in to the respective clusters. However, if the required cluster is not available in the cluster list, you need to onboard it first.

It is important to note that if a user has only view access to the **Clusters** tab, they can only view the clusters. Users with write access can add, delete, or edit clusters.

3.1. How to log in to a specific cluster?

- Click on the **Clusters** tab to view the list of clusters.
- On the right side of each cluster, you'll find a green arrow indicating the option to log in to that specific cluster.

	<sup>a</sup> Clusters			۲	B Superadmin Test User 🗸
Dashboard	📋 Cluster List				Status
දී Clusters	Q Search Cluster Name, URL, Tag				
Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Actions
🛗 Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.ap	0	Disconnected	
Q User Management	Dev Cluster	https://ec2-3-6-115-225.ap-s	ð)	Oisconnected	( E E
Roles & Permissions	Prod Cluster	https://ec2-13-202-61-133.ap		Disconnected     Cluster	
E, Activity History	i lou cluster				
X LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap-s		Disconnected	
Softing:	Hoverture-IIFL	https://ec2-65-0-102-127.ap	ð)	Disconnected	
V Jernings	Test Cluster	https://ec2-13-233-41-97.ap	0	Disconnected	
Help & Support					
Version 2.1.2					





• Click the green arrow for the cluster you need to log in to. Here, we will log in to the **ProdCluster**.

<b>₽</b> FM <sup>®</sup>	Clusters			۲	B Superadmin Test User V
Data Flow Manager	1 Cluster List				Status
ਵਿ Clusters	🔍 Search Cluster Name, URL, Tag				
Process Groups	Cluster Name ↓	NIFI URL	Cluster Status	Status	Actions
Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.ap		Oisconnected	
& User Management	Dev Cluster	https://ec2-3-6-115-225.ap-s	٦)	Disconnected	<b>() () ()</b>
Roles & Permissions					
E, Activity History	Prod Cluster	https://ec2-13-202-61-133.ap 🕜 (		Disconnected     Cluster	ogin 🔁 🗄
X LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap-s	5	Disconnected	• • •
% Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.ap	5)	Oisconnected	• • •
Settings	Test Chatte				
	lest Cluster	nttps://ecz-i3-233-4I-97.ap		<ul> <li>Disconnected</li> </ul>	
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• Enter the valid credentials and click **Submit**.

	<sup>II</sup> Clusters		(a) (b) Superadmin Test User v
	Cluster Name ↓ Ni	Fil Enable Cluster 🛞 State	us Actions
		tpz Select Cluster • 0 • D	
		tp Prod Cluster	
Activity History		R Enter your Username	
		Password*	
		Enter Your Password	
		Back Submit	

We've successfully logged into the cluster. The **Cluster Status** has changed to green.





₽FM	Clusters				Prod Cluster      Superadmin Test User	
Data How Manager	Cluster List				Status V 🕞 Add New Cluster	
<mark>ង</mark> ្ហែ Clusters	🔍 Search Cluster Name, URL, Tag					
Process Groups	Cluster Name ↓	NiFi URL	Cluster Status	Status	Actions	
Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a		Disconnected	• • •	
2 User Management	Dev Cluster	https://ec2-3-6-115-225.ap 🕜 🗇	)	Disconnected		
Roles & Permissions	Prod Cluster	https://wc2_13_202_61_133 a 2		- Connected		
E, Activity History	FIGUCIUSTER	https://ecz=10=202=01=135.d	).	Connected		
☆ LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap		Disconnected		
85 Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.a		Oisconnected	• • •	
	Test Cluster	https://ec2-13-233-41-97.a		Disconnected		
Help & Support						

You can log in to as many clusters as you want.

### **3.2. View node details of a cluster**

Once you log into the cluster, check the number of total nodes and connected nodes. Under the **Actions** tab, click the info icon to view the node details of the cluster.

	I Clusters	Prod Clu	Prod Cluster V Superadmin Test User V		
Dashboard	Cluster List				Status   Add New Cluster
<mark>ដ្</mark> ឋៃ Clusters	🔍 Search Cluster Name, URL, Tag				
Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Actions
Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a		Disconnected	
Over Management	Prod Cluster	https://ec2-13-202-61-133.a		Connected	00:
Activity History	LDAP TEST	https://ec2-65-0-27-89.ap		Disconnected	:luster Details Connected Nodes: 1 Total Nodes: 1
X LDAP Configuration	Hoverture-IIFL	https://ec2-65-0-102-127.a		Disconnected	
8t Controller Service	DEV cluster	https://ec2-3-6-115-225.ap	)	Disconnected	
C occango	Test Cluster	https://ec2-13-233-41-97.a		Disconnected	
Help & Support					
Version 2.1.3					

3.3. Perform different actions on the logged-in cluster





Once you're logged into a cluster, you can perform various operations, such as viewing and editing cluster details and deactivating the cluster. Find these options from the vertical ellipsis present on the right side of the cluster.

	Clusters			Prod Cluster	✓ Superadmin Test User ✓
Dashboard	📋 Cluster List				Status V 🕒 Add New Cluster
ਦਿ Clusters	🔍 Search Cluster Name, URL, Tag				
Process Groups	Cluster Name ↓	NiFi URL	Cluster Status	Status	Actions
Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a	)	Disconnected	
Q User Management	Dev Cluster	https://ec2-3-6-115-225.ap	)	Disconnected	• • •
Roles & Permissions	Prod Cluster	https://ec2-13-202-61-133.a., 7			
Activity History					
25 Controller Service	LDAP TEST	https://ec2-65-0-27-89.ap	1)	<ul> <li>Disconnected</li> </ul>	
<ul><li>Settings</li></ul>	Hoverture-IIFL	https://ec2-65-0-102-127.a		Disconnected	
	Test Cluster	https://ec2-13-233-41-97.a		Disconnected	• • •
Help & Support					

**Note:** Deactivating the cluster refers to soft delete. It will remove your cluster from the list, but underlying data and configurations remain intact.

Let us now see how to perform different actions on the cluster.

#### a. How to view the cluster details?

To view the cluster details:

• Click on the vertical ellipsis. Select the **View** option.

<b>D</b> FM	Clusters			چ ا <del>ل</del> ا ۹۰۳	od Cluster 🗸 Superadmin Test User 🗸
Dashboard	Cluster List				Status    Add New Cluster
ਟ੍ਰਿ Clusters	🔍 Search Cluster Name, UR	L, Tag			
Process Groups	Cluster Name ↓	NiFi URL	Cluster Status	Status	Actions
E Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a	0	Disconnected	
🞗 User Management	Dev Cluster	https://ec2-3-6-115-225.ap	0	Disconnected	
Roles & Permissions	Dan d Churtere				
E, Activity History	Prod Cluster	nttps://ecz-i3-202-6i-i33.a		Connected	🖉 Edit
X LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap	0	Disconnected	© View :
<ul><li>6 Controller Service</li><li>6 Settings</li></ul>	Hoverture-IIFL	https://ec2-65-0-102-127.a	0	Disconnected	G Deactivate
	Test Cluster	https://ec2-13-233-41-97.a	0	Disconnected	
(?) Help & Support					





• You will find the details of the clusters, such as the cluster name, cluster URL, registry name, registry URL, address, node ID, heartbeat, status, and event log.

		Clusters					۲: ۰ ۹ ۲: ۰ ۹	Prod Cluster V Superadmin Test User V
ŵ	Dashboard	Clusters Sun	nmary					Status 🗸
ង	Clusters	O_ Search Nodel	d , Address					
Ð	Process Groups	Cluster Name	Cluster URL			Registry Name	Registry URL	
÷	Deployment Schedule	Prod Cluster	https://ec2-13-202-6	51-133.ap-south-1.compute.amazona	aws.co 🕜 🗇	Registry	https://ec2-3-6-115-22	25.ap-south-1.compute.amazonaws.com:1 🕜 🗊
R	User Management	Address	Not	de ld	Heartbeat		Status	Event Log
8	Roles & Permissions	lp-172-31-0-36	606	ilace7-0e27-4ccb-92f4-14a7e212.	01/30/2025 07:41:10	UTC	Connected	
E,	Activity History							
*	LDAP Configuration							
85	Controller Service							
٨	Settings							
0	Help & Support							
0	Verries 212	Back						

• To access the event log, click on the icon mentioned. You'll get a list of node events with address and node ID.

<b>₽FM</b>	Clusters				B Prod Cluster V Superadmin Test User V
Dashboard	Clusters Summary				Status
ਇਹ Clusters	O Search Nodeld , Address				
Process Groups	Cluster Name	Event Log		×	Registry URL
Deployment Schedule	Prod Cluster	Address	Node ID		https://ec2-3-6-115-225.ap-south-1.co
O: User Management	Address	₽ <u></u> ip-172-31-0-36	EE 6061ace7-0e27-4ccb-92f4-14a7e2125242	_	Event Log
Roles & Permissions	lp-172-31-0-36	Node Events			E
E, Activity History		1/25/2025, 4:05:31 PM : Received first heartbeat from co	onnecting node. Node connected.		
X LDAP Configuration		1/25/2025 4:05:27 PM : Connection requested from ex	sting node. Setting status to connecting.		
85 Controller Service		,			
Settings		Cor	Continue		
Help & Support					
Version 2.1.2					

- **b.** How to edit the cluster details? To edit the cluster details:
  - From the vertical ellipsis menu present on the right side of the cluster, click **Edit**.





₽FM	Clusters			🕲 皆 • Prod Clu	ster 🗸 Superadmin Test User 🗸
Dashboard	Cluster List				Status   Add New Cluster
සු Clusters	🔍 Search Cluster Name, URL, Tag				
Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Actions
Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a		Disconnected	
User Management	Dev Cluster	https://ec2-3-6-115-225.ap		Disconnected	
Roles & Permissions     Activity History	Prod Cluster	https://ec2-13-202-61-133.a		Connected	∠ Edit
X LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap		Disconnected	© View ⋮
Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.a		Disconnected	G Deactivate
çı octango	Test Cluster	https://ec2-13-233-41-97.a	1	Oisconnected	
Help & Support					

• You can modify the cluster and registry details.

Data Flow Manager	Clusters	(a) (g • Prod Cluster • Superadmin Test User •
Dashboard	Edit Cluster Details	
<mark>នៃ</mark> Clusters	Cluster Details Registry Details	
Process Groups	Cluster Name	
Deployment Schedule	Prod Cluster	
🗙 User Management	NIFURL	
Roles & Permissions	Inttps://ec2-13-202-61-133.ap-south-1.compute.amazonaws.com.8445	
E, Activity History	Cluster Tags	
X LDAP Configuration	Cluster Tags	
85 Controller Service	Need approval for the deployment schedule?	
Settings	Do you want any notification for this cluster? Test Via Certificate OR Enter Credentials Enter Credentials	
Help & Support Version 2.1.3	Back Save	

• Once done, click **Save** and continue.

### c. How to deactivate the cluster?

To activate the cluster:

• Click on the vertical ellipsis menu of that cluster and choose **Deactivate**.





		Clusters			Prod Cluster	Superadmin Test User
۵	Dashboard	1 Cluster List			2	Status
	Clusters	🔍 Search Cluster Name, URL, Tag				
:	Process Groups	Cluster Name ↓	NiFi URL	Cluster Status	Status	Actions
Ë	Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a		• Disconnected	• • •
Ñ	User Management	Dev Cluster	https://ec2-3-6-115-225.ap	)	O Disconnected	
e E,	Activity History	Prod Cluster	https://ec2-13-202-61-133.a		• Connected	Edit
*	LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap		Disconnected	View
**	Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.a		• Disconnected	Deactivate
Ψ	Settings	Test Cluster	https://ec2-13-233-41-97.a	)	Disconnected	
0	Help & Support					

• Confirm whether you want to deactivate by clicking **Deactivate**.

<b>₽</b> FM <sup>®</sup>	Clusters			🕲 🖁 • Prod Clu	ster V Superadmin Test User V
Data Flow Manager	Cluster List				Status
ដៃ Clusters	C Search cluster Name, OKE, Tag				
Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Actions
E Deployment Schedule	M2_Cluster	http Deactivate Cluster	Deactivate Cluster		
User Management     Roles & Permissions	Dev Cluster	http		<ul> <li>Disconnected</li> </ul>	
E, Activity History	Prod Cluster	http		Connected	00:
X LDAP Configuration	LDAP TEST	http Are you sure you wan	t to deactivate this cluster?	<ul> <li>Disconnected</li> </ul>	• • •
<ul> <li>Settings</li> </ul>	Hoverture-IIFL	http	Deactivate	<ul> <li>Disconnected</li> </ul>	0 9 :
	Test Cluster	https://ec2-13-233-41-97.a		Disconnected	0 9 :
(?) Help & Support					
Version 2.1.3					

## 3.4. How to add a new cluster?

You can add as many clusters as you want from your NiFi instance to Data Flow Manager. To add a new cluster:

- Go to the **Clusters** tab.
- Click the button 'Add New Cluster' from the top-right corner.





	<b>DFM</b>	<sup>D</sup> Clusters			Prod Cluste	er 🗸 Superadmin Test User 🗸
â	Dashboard	Cluster List				Status
밚	Clusters	🔍 Search Cluster Name, URL, Tag				
:	Process Groups	Cluster Name 🗯	NiFi URL	Cluster Status	Status	Actions
<b></b>	Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a	)	Disconnected	
õ	User Management	Dev Cluster	https://ec2-3-6-115-225.ap 🕜 🗇	)	Oisconnected	
	Roles & Permissions					
≣,	Activity History	Prod Cluster	https://ec2-13-202-61-133.a		Connected	
*	LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap		Oisconnected	
85	Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.a	)	Oisconnected	
(c)	Settings	Test Cluster	https://ec2-13-233-41-97.a	)	Oisconnected	
0	Help & Support					
	Version 2.1.3					

- The first step is to enter the cluster details as follows:
  - **Cluster Name**: Enter the name of the cluster in this Input field.
  - **NiFi URL**: Enter the NiFi URL in this input field.
  - **Cluster Type**: Add cluster tags.
  - Checkbox for approval of scheduled deployment: This checkbox specifies if approval is required before the scheduled deployment is finalized. If selected, the scheduled deployment will not proceed until an authorized user approves it.
  - Checkbox to receive notifications for the cluster: This checkbox allows you to opt in to receive notifications related to the cluster you are onboarding. This could include alerts, status updates, and other relevant information about the cluster's operation. Enable this checkbox to receive cluster notifications; leave it unchecked to opt-out.
  - Add Certificate: You can test the cluster by adding certificates or credentials.

		Clusters
ŵ	Dashboard	Add New Cluster Details
		Cluster Details Registry Details
•	Process Groups	Cluster Name
	Deployment Schedule	E testing
ŝ	User Management	NFURL
8	Roles & Permissions	Enter your NFI URL
Ξ,	Activity History	NFUR, srequired
*	LDAP Configuration	Cluster Tags
88	Controller Service	Heed approval for the deployment schedule?     Oryou want any notification for the cluster? Text Cluster Text Cluster Text Cluster
0	Help & Support Version 2.1.2	Back Centitive





- After validation, your cluster is added to the system. The successful onboarding of the cluster displays a confirmation dialog or success message.
- Click on "Continue" to proceed with registry details.

	Clusters	() (B + Prod Cluster v) (S Superadmin Test User v
Dashboard	Add New Cluster Details	
ਿਤ Clusters	Cluster Details Registry Details	
Process Groups	Registry Name	
🛗 Deployment Schedul	e Registry	×
S User Management		OR
Roles & Permissions	⊕ Add	New Registry
E, Activity History		
☆ LDAP Configuration		
85 Controller Service		
Settings		
Help & Support		
Version 2.1.2	Back Continue	

• You can either select an existing registry or add a new registry. Once you've entered the required information, click on **Save** to save the cluster details.

**Note:** You can easily edit the cluster and registry details even after onboarding it to Data Flow Manager.

### 3.5. How to log out of a cluster?

Logging out of a cluster is as simple as logging in.

- Go to the **Clusters** tab.
- Navigate to the cluster from which you want to log off.
- Under the **Actions** column, click the second icon with a red color to log out from the cluster.





	<b>DFM</b>	Clusters (a) (E			Prod Cluster	Prod Cluster      Superadmin Test User		
۵	Data Flow Manager	Cluster List				Status		
e	Clusters	🔍 Search Cluster Name, URL, Tag						
÷	Process Groups	Cluster Name ↓	NiFi URL	Cluster Status	Status	Actions		
÷	Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a	)	Oisconnected			
Ñ	User Management	Dev Cluster	https://ec2-3-6-115-225.ap 🕜 🗇		Disconnected	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		
8	Roles & Permissions	David Churter		\				
E,	Activity History	Prod Cluster	nttps://ec2-13-202-61-133.a	)	Connected     Cluster lo	gout G		
*	LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap		Oisconnected			
<u>م</u>	Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.a	)	Oisconnected			
÷	Settings	Test Cluster	https://ec2-13-233-41-97.a	)	Disconnected	• • •		
?	Help & Support							

• Once you click it, you get a message displaying "Your cluster is now disconnected".

		<sup>D</sup> Clusters			٩	B Superadmin Test User ~
ŵ	Dashboard	Cluster List				Status
ů.	Clusters	🔍 Search Cluster Name, URL, Tag				
:	Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Actions
₿	Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a	)	Oisconnected	
ĸ	User Management	Dev Cluster	https://ec2-3-6-115-225.ap		Disconnected	
8	Roles & Permissions					
E,	Activity History	Prod Cluster	https://ec2-13-202-61-133.a 🕜 🗍		Oisconnected	
*	LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap	)	Oisconnected	0 8 :
**	Controller Service	Hoverture-IIFL	https://ec2-65-0-102-127.a	)	Disconnected	
ŝ	Settings	Test Cluster	https://ec2-13-233-41-97.a	)	Oisconnected	
?	Help & Support					
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## **3.6. Use filters to sort the cluster list**

It becomes overwhelming to find a particular cluster from a list of many. You can filter this list based on the cluster status - **Connected/Disconnected and Deactivate**.





To filter the cluster list,

• Go to the dropdown with the name **Status** in the top-right corner.

	<b>₽FM</b>	<sup>II</sup> Clusters			٩	B Superadmin Test User V
۵	Data Flow Manager Dashboard	Cluster List				Status  Add New Cluster All
뇮	Clusters	🔍 Search Cluster Name, URL, Tag				Connected/Disconnecte
÷	Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Deactivate
	Deployment Schedule	M2_Cluster	https://ec2-3-108-54-65.a		Oisconnected	
Ñ	User Management	Dev Cluster	https://ec2-3-6-115-225.ap		Oisconnected	
ē.	Activity History	Prod Cluster	https://ec2-13-202-61-133.a		• Disconnected	
*	LDAP Configuration	LDAP TEST	https://ec2-65-0-27-89.ap		Oisconnected	
85 ④	Controller Service Settings	Hoverture-IIFL	https://ec2-65-0-102-127.a		Oisconnected	
~		Test Cluster	https://ec2-13-233-41-97.a		Disconnected	
0	Help & Support					
	Version 2.1.3					

• Choose the status so that the list contains the clusters accordingly. If you choose **Deactivated**, the list will contain only deactivated clusters.

<b>D</b> FM	Clusters				ا الله الله الله الله الله الله الله ال
Data Flow Manager	Cluster List	i Tag			Deactivate
<mark>ដ្</mark> ឋ Clusters	O Search Cluster Name, Or	L, Idg			
Process Groups	Cluster Name 👃	NiFi URL	Cluster Status	Status	Actions
E Deployment Schedule	Dev Cluster	https://ec2-3-6-115-225.ap	0	Deactivated	
👷 User Management	M2_Cluster	https://ec2-3-108-54-65.a	0	Deactivated	
Roles & Permissions					
E. Activity History					
X LDAP Configuration					
85 Controller Service					
Settings					
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## 4. Process Groups

The **Process Groups** tab lists all process groups in clusters you are currently logged in to. With the point-and-click interface, you can easily deploy & upgrade your





process groups instantly or schedule them in advance. This is possible only for users with write access to the **Process Groups** tab.

		Process Groups				🔕 🗄 • Prod Cluster 🗸	Superadmin Test User 🗸
	Dashboard	Process Group List (21)				🖶 sch	edule Deployment Deploy 📀
	Clusters Process Groups	Process Group ↓	Flow Name ↓	Bucket Name ↓	Version	Status	Actions
	Deployment Schedule User Management	<u>A1</u>	A1	Data Analytics	9	▶0 ■0 ▲3 +0	) 🖹 Upgrade
a r	Roles & Permissions	MultipleServices	MultipleServices	Data Analytics	4	▶0 ■0 ▲5 +0	B     Upgrade
E. /	Activity History	Testing Map Cache Use case	Testing MapCache Use	DataTransformation_B	4	▶0 ■2 ▲3 ÷0	
85 0	Controller Service	Sample_Inheritence	Sample_Inheritance	DFM_Testing	2	▶0 ■7 ▲0 +0	💿 🗎 Upgrade
0	Settings	Data_Mapping	Data_mapping	Data Analytics	2	▶0 ■1 ▲1 ⊁0	B Upgrade
		Inheritence_Parameter Testings	Inheritence_Parameter	GenAi	2	▶0 ■0 ▲3 +0	Upgrade
		NIFI- Scenarios 1	NIE-I- SUBRAINOS 1	Hoverture BLICKET	2		
() H	Help & Support Version 2.1.2	1 - 10 of 21 List	Schoule_DepUYIIBIL	HOVERING_DOOKET			

In addition, you can access the details of each process group, edit parameter contexts and variables, and configure controller services.

### 4.1. View process group details

Each process group is listed with the flow name, bucket name, version, status, and actions to view details and upgrade the process group instantly and in advance.

The status column displays 4 major parameters of the process group - **running flows, stopped flows, invalid flows, and disabled flows** – providing real-time visibility into flow states.

To view the details of a specific process group,

• Under the Actions column, click the eye icon.





	<b>₽FM</b> <sup>■</sup>	Process Groups				B      Prod Cluster	Superadmin Test User V
۵	Dashboard	Process Group List (2)				🖶 set	nedule Deployment Deploy Q
'n	Clusters	C search hocess of oup					
E	Process Groups	Process Group 1	Flow Name $\downarrow$	Bucket Name $\downarrow$	Version	Status	Actions
Ë	Deployment Schedule	Testing Queue Data	Testing Queue Data	DFM_Testing	1	▶0 <b>■</b> 4 Process Group Details	5 🔊 🗎 Upgrade
R	User Management	MYSQL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	1	▶0 ■9 ▲4 ∛0	() 😁 Upgrade
۵	Roles & Permissions						
Ξ,	Activity History						
*	LDAP Configuration						
80	Controller Service						
⊚	Settings						
?	Help & Support						
	Version 2.1.3						

• You'll get all the details of the process group, such as summary, flow control, parameter context, variables, controller service, and audit log.

	₽FM	Process Groups	(     Prod Cluster      Superadmin Test User
	Data Flow Manager	NIFTFlow	
ŵ	Dashboard	Process Group Details :	
'n	Clusters	Security Eleventral Describe Central Methods Centralize Centralize Audit an	
		Summary Flow Control Parameter Context Variables Controller Service Audit Log	
÷	Deployment Schedule	Process Group Flow Name	Registry URL
2	User Management	N/A N/A	https://ec2-3-6-115-225.ap-south- 1.compute.amazonaws.com:18085/nifi-registry
8	Roles & Permissions	NIFURL version	
,≣	Activity History	Sala '97''	
*	LDAP Configuration		
2±	Controller Service		
	Sattings		
÷	Settings		
(?)	Help & Support		
0	Version 2.1.3		
Λ	2 404	to deploy a process group?	
4.	<b>Ζ. ΠΟ</b> Ψ Ι	to deploy a process group?	

To deploy a process group:

• Click the **Deploy** button on the top-right corner.





	<b>DFM</b>	Process Groups				Cer veluster vel	Superadmin Test User ~
۵ ۴	Dashboard	Process Group List (4) Q Search Process Group				曲 Sche	dule Deployment Deploy
₿	Process Groups	Process Group 1	Flow Name $\downarrow$	Bucket Name $\downarrow$	Version	Status	Actions
Ë	Deployment Schedule	MYSOL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	2	▶0 ■10 ▲4 30	
õ	User Management	MYSOL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	2	▶0 ■9 ▲5 ≹0	() (E) Upgrade
Ē	Roles & Permissions	10/201	MYCOL Flow Test Dated	Chroming Appletion Duplica			
₿,	Activity History	MTSOL	MTSQL-Flow_lest_Ranu	StreamingAnalytics_bucket	1		Upgrade
*	LDAP Configuration	Testing_Sample	N/A	N/A	N/A	▶0 ■1 ▲0 ≹0	۲
86	Controller Service						
0	Settings						
?	Help & Support						
	Version 2.1.3						

- Select Bucket and Flow Name.
- Mark the checkbox to keep existing parameter contexts. Otherwise, unmark it.
- Select the flow version you want to deploy and click **Continue**.

		Process Groups		B + DEV cluster      Superadmin Test User
۵	Dashboard	Deploy Process Group NiFi Flow > Registry & Flow Name		
Ŀ	Clusters			
8	Process Groups	Registry		Bucket
÷	Deployment Schedule	Kegisiry		
Ñ	User Management	Flow Name		
4	Roles & Permissions	E SQLtoMongo	~	Keep existing Parameter Contexts
E,	Activity History	Flow Description N/A		
*	LDAP Configuration	Version Control		
85	Controller Service	Version	Created	Comment
⊚	Settings	S 3	01/29/2025 18:15:21	
		O 2	01/29/2025 16:28:27	2nd version committed
		0 1	01/29/2025 16:17:05	
?	Help & Support	Back Continue		

- Set the canvas position where your process group will be displayed on the NiFi UI.
- Drag your process group left, right, up, or down to set its position and click **Continue**.





		Process Groups	(a) (g • DEV cluster • Superadmin Test User •
۵ ۴e	Dashboard	Deploy Process Group : SQLtoMongo NFIFIow > Registry&Flow Name > Flow Details	
40		Selected Flow Name	Current Version
	Process Groups	E SQLtoMongo	<u>B</u> : 3
÷	Deployment Schedule	Navigate	Canvas Position
Ř	User Management		X -7451.784051793271 Y 3044.7302383589104
8	Roles & Permissions	Q Zoom In	Legends
E,	Activity History	Q. 	Process Group     Processor     Selected Process Group
*	LDAP Configuration	zomon z	
85	Controller Service	Fit	
0	Settings	NIFI URL	Registry URL
		https://ec2-3-6-115-225.ap-south-1.compute.amazonaws.com:8443	https://ec2-3-6-115-225.ap-south-1.compute.amazonaws.com:18085/nifi-registry
			-
0	Help & Support		
Ģ	Version 2.1.3	Back Continue	

- Visual indicators to identify your current process group:
  - **Blue Shade:** A processor that is highlighted with a blue shade indicates that it is currently active or selected.
  - **Light Shade**: A processor with a light shade represents one that is not selected or not actively being edited.
  - **Orange Shade**: A process group highlighted in orange implies that it is being deployed.
- Edit parameter context or variables with the necessary configurations. Additionally, you can view any inherited parameters by referencing the component.

<b>D</b> FM	Process Groups	Brev Cluster      Superadmin Test User	)
Data How Manager Dashboard 같 Clusters	Deploy Process Group : SQLtoMongo NiFi Flow > Registry & Flow Name > Flow Details > Configuration Details Parameter Context Variables Controller Service		
Process Groups			ī.
🛗 Deployment Schedul	SQLtoMongo_Child2_Inheritance	۲	
🞗 User Management	Name Value	Referencing Component	
Roles & Permissions	filename customer.json	Z	
Activity History	SQLtoMongo_Child3_Inherited_PC	$\odot$	
85 Controller Service	SQLtoMongo_Child2_PC	$\odot$	
🚯 Settings	SQLtoMongo_Child_PC	$\odot$	
	SQLtoMongo_PC	$\odot$	
	SQLtoMongo_Child3_PC	$\odot$	
Help & Support	Back Continue		





• View all the controller services available within the process group. Configure the required ones.

	<b>D</b> FM <sup>(</sup>	I PI	rocess Groups				وَ الله الله الله الله الله الله الله الل	Superadmin Test User 🗸
۵	Data Flow Manager Dashboard	ů	Deploy Process Group :	SQLtoMongo				
6	Clusters	NiF	Fi Flow > Registry & Flow Name > Parameter Context Variable	Flow Details > Configuration De s Controller Service	etails			
B	Process Groups							
÷	Deployment Schedule		External Controller Servic	es 🚯				٢
õ	User Management		Name	Туре	Bundle	State	Scope	Action
8	Roles & Permissions		AvroReader_External_Root	N/A	N/A		N/A	Configure
E,	Activity History		DBCPConnectionPool_root	N/A	N/A		N/A	Configure
*	LDAP Configuration							
85	Controller Service		SQLtoMongo					$\checkmark$
0	Settings		SQLtoMongo_Child3					$\odot$
0	Help & Support							
		Ľ	Continue					

• If needed, you can edit the properties of the controller services through the settings option and continue.

		Process Groups				B · DEV cluster	Superadmin Test User V
â	Dashboard	Deploy Process Group	SQLtoMongo Flow Details > Configuration D	Details			
Ľ:	Clusters	Parameter Context Variab	les Controller Service				
₿	Process Groups						
÷	Deployment Schedule	External Controller Serv	ices 🚯				()
Ñ	User Management	SQLtoMongo					$\bigcirc$
8	Roles & Permissions	Name	Туре	Bundle	State	Scope	Action
Ξ,	Activity History	AvroRecordSetWriter	AvroRecordSetWriter 1.26.0	org.apache.nifi - nifi-record-s	N/A	N/A Settings	•
*	LDAP Configuration	DBCPConnectionPool	DBCPConnectionPool 1.26.0	org.apache.nifi - nifi-dbcp-se	N/A	N/A	\$
。 (3)	Controller Service Settings	AvroReader	AvroReader 1.26.0	org.apache.nifi - nifi-record-s	N/A	N/A	٢
Ť		JsonRecordSetWriter_NIFI Te.	JsonRecordSetWriter 1.26.0	org.apache.nifi - nifi-record-s	N/A	N/A	<b>©</b>
		SQLtoMongo_Child3					$\odot$
0	Help & Support	Back Continue					

- You will be redirected to the summary page. Verify the details of the process group.
- Ensure that you start the flow and click **Deploy**.





	<b>₽</b> FM	Process Groups		(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
ŵ	Dashboard	Deploy Process Group : SQLtoMongo NiFi Flow > Registry & Flow Name > Flow Details > C	onfiguration Details > Summary	
Ċ:	Clusters			
₿		Summary		
<b>#</b>	Deployment Schedule	Selected Cluster	Flow Name	Registry URL
Ř	User Management	DEV cluster	SQLtoMongo	https://ec2-3-6-115-225.ap-south-1.comput
8	Roles & Permissions	NiFi URL https://ec2-3-6-115-225.ap-south-1.comput_	Selected Version 3	
E,	Activity History			
*	LDAP Configuration	Flow Control		
85	Controller Service	Running Processors	Start Flow	
0	Settings	0 Stopped Processors	Stop Flow	
		O Invalid Processors		
		* 0 Disabled Processors		
0	Help & Support Version 2.1.3	Back Deploy		

• After clicking **Deploy**, you get a confirmation message about the successful deployment of your process group. If there are any errors, the message provides the details, allowing you to take the necessary actions.

### 4.3. How to upgrade a process group?

Upgrading a process group means deploying the latest version of the flow to the target cluster. Let's say you made changes to the process group and committed to the registry, which will create version 2 of the process group. To deploy version 2, you can simply upgrade the process group.

If you choose to deploy it, Data Flow Manager will create a new copy of the process group on the target cluster, leaving the original version unchanged.

To upgrade a process group:

- Navigate to the process group under the **Process Group** tab.
- From the Actions column, click the **Upgrade** button.





	<b>₽FM</b> <sup>®</sup>	Process Groups				B · DEV cluster	Superadmin Test User 🗸
ŝ	Dashboard	Process Group List (6)           O. Search Process Group				🖶 Schei	tule Deployment Deploy 🖸
	Process Groups	Process Group 1	Flow Name $\downarrow$	Bucket Name U	Version	Status	Actions
	Deployment Schedule	SQLtoMongo	SQLtoMongo	DFM_Feature_Overview	3	▶15 ■0 ▲7 ∜0	Upgrade
С П	User Management Roles & Permissions	MYSQL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	2	▶0 ■9▲5 ≹0	💿 🛱 Upgrade
E,	Activity History	MYSQL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	2	▶0 ■9▲5 ≹0	Upgrade
*	LDAP Configuration	MYSOL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	1	► 0 <b>=</b> 10 <b>A</b> 3 ½0	Upgrade
85 63	Controller Service	Testing_Sample	Testing_Content Team	Data Analytics	1	▶0 ∎1 ▲0 ≹0	I Upgrade
~		Kafka_Processing	Kafka_Processing	Data Ingestion	1	▶0 ■2 ▲0 ∛0	I Upgrade
?	Help & Support						
	Version 2.1.3						

• Choose the flow version that you want to deploy and **Continue**.

		Proc	ess Gr	oups			(a) (a + DEV cluster + Superadmin Test Use
۵	Dashboard	📋 Up NiFi Flo	grade Pi w > Flow [	rocess Group : MYSQL Details			
Ċ:	Clusters				ĸ		
					Fit		
⇔	Deployment Schedule	NiFi	JRL			Re	egistry URL
ŝ	User Management	ى	https://eo	2-3-6-115-225.ap-south-1.compute.amazonaws.com:8443			https://ec2-3-6-115-225.ap-south-1.compute.amazonaws.com:18085/nifi-registry
8	Roles & Permissions	Versi	on Control				
E,	Activity History			Version	Created		Comment
×	LDAP Configuration		0	17	01/28/2025 16:18:	:34	Added parameter on grandchild
85	Controller Service		0	16	01/24/2025 12:19:	:29	only updated sensitive value set in parameter context
⊚	Settings		0	15	01/21/2025 12:00	:35	5
			0	14	01/21/2025 11:37:0	03	
			0	13	01/21/2025 11:36:3	31	remapped external service
			0	12	01/17/2025 19:11:0	6	copy of mysql
			0	11	12/19/2024 15:32:	n	
?	Help & Support	Back	Cont	inue			

• Edit parameter contexts or variables, configure the controller service, and continue.





	<b>DFM</b>	<sup>a</sup> Process Groups		B • DEV cluster • Superadmin Test User •
۵ ۴	Data Flow Manager Dashboard Clusters	Upgrade Process Group : MYSQL NIFi Flow > Flow Details > Configuration Details Parameter Context Variables Controller Service		
₿				
₿	Deployment Schedule	MYSQL		
×	User Management	Name	Value	
	Roles & Permissions	queryl	select * from customers;	کر ا
E,	Activity History	query2	SELECT * FROM orders;	Z
*	LDAP Configuration	query3	SELECT * FROM products;	
85	Controller Service			
٨	Settings	FETCH ALL DATA		$\odot$
		Copy of FETCH ALL DATA		$\odot$
0	Help & Support	Back Continue		

• Verify the process group details, choose whether to start or stop the flow, and click **Upgrade**.

Lotar how Manager              bashboard         bashboard         Clusters               Clusters               Clusters               Clusters               Selected Cluster             Clusters               Selected Cluster             Clusters               Selected Cluster             Selected Cluster             Clusters               Selected Cluster             Selected Cluster             NFLUE:            Selected Cluster             NFLUE:            Selected Cluster             NFLUE:            Cluster:             NFLUE:            Cluster:             NFLUE:            Cluster:             NFLUE:            Cluster:             Necess Group:             Necess Group:             NFLUE:            Cluster:             Necess Group:		<b>DFM</b>	<sup>a</sup> Process Groups		B • DEV cluster • Superadmin Test User •
Process Groups Selected Outer Process Group Registry UR.   Deployment Schedue NFURL Current Version Updated Version   Vuer Management To 2 7   Flow Control   Roles & Permissions Process Group Current Version Updated Version   LDAP Configuration Process Group Current Version Updated Version   % LDAP Configuration Process Group Current Version Updated Version   % Control 2 7   Flow Control   % Date Service Process Group Current Version   % Settings * start Flow   * s invald Processors * start Flow   * s invald Processors * start Flow   * s invald Processors * start Flow	۵ ۳	Dashboard Clusters	Upgrade Process Group : MYSQL NIFIFlow > Flow Details > Configuration Details > Su	mmary	
Deployment Schedule   Deployment Schedule   NTURL   Lumer Version   Deployment Schedule   NTURL   Lumer Version   Deployment Schedule     NTURL   Lumer Version   Deployment Schedule     Process Group   MYSOL     Process Group   MYSOL     Process Group   MYSOL     Process Group   MYSOL     Start Flow   Process Group   MYSOL   Process Group   MYSOL     Process Group   MYSOL   Process Group   MYSOL     Process Group   MYSOL     Process Group   MYSOL   Process Group   MYSOL     Process Group   MYSOL   Process Group   MYSOL   Process Group   MYSOL   Process Group		Process Groups	Selected Cluster DEV cluster	Process Group MYSQL	Registry URL https://ec2-3-6-115-225.ap-south-1.comout
Note Management     Note Management     Opdated Version     Opdated Version       Note Management     Note Version     Image: Current Version     Image: Current Version     Image: Current Version       Image: Current Version     Flow Control     Current Version     Updated Version       Image: Current Version     Current Version     Updated Version       Image: Controller Service     Process Group     Current Version     Updated Version       Image: Controller Service     Image: Current Version     Updated Version       Image: Current Version     Updated Version     Updated Version       Image: Current Version     Updated Version     Updated Version       Image: Current Version     Image: Current Version     Image: Current Version       Image: Current Version     Image: Current Version     Image: Current Version       Image: Current Version     Image: Curren	÷	Deployment Schedule			
Roles & Permissions   Image: Roles & Permis	ŝ	User Management	https://ec2-3-6-115-225.ap-south-1.comput_	Current Version 2	Updated Version 17
Activity History Flow Control   LDAP Configuration Process Group   MNSOL Current Version   2 Process Group   MNSOL Process Group   2 Process Group   3 Controller Service   4 Process Group   3 Settings     9 Settings     9 Stopped Processors     9<	A	Roles & Permissions			
CLAPP Configuration     Process Group     Current Version     Updated Version       WSQL     2     17	E,	Activity History	Flow Control		
2     Controller Service     MYSOL     2     17       2     Settings     No Running Processors     Start Flow       9     Stopped Processors     Stop Flow       5     Invalid Processors     Stop Flow	$^{\star}$	LDAP Configuration	Process Group	Current Version	Updated Version
Settings <ul> <li>Running Processors</li> <li>Start Flow</li> <li>Stop Flow</li> <li>Stop Flow</li> <li>Invalid Processors</li> <li>Invalid Processors</li> <li>Stop Flow</li> <li>Stop Flow<!--</th--><th>84</th><th>Controller Service</th><th>MYSQL</th><th>2</th><th>17</th></li></ul>	84	Controller Service	MYSQL	2	17
9     Stopped Processors       5     Invalid Processors	0	Settings	0 Running Processors	Start Flow	
▲ 5 Invalid Processors			9 Stopped Processors	Stop Flow	
			▲ 5 Invalid Processors		
0 Disabled Processors			⅔ 0 Disabled Processors		
	?	Help & Support	Back Upgrade		
	0	Version 21.2	Back Upgrade		

• You get a confirmation message about the successful upgrade of the flow version.

## 4.4. How to schedule the deployment of a process group?

Scheduling the deployment of a process group at a specific time enables you to automate rollouts during off-peak hours. This minimizes disruptions to critical





operations and ensures a seamless deployment of process groups, reducing manual interventions and the risk of errors.

However, the scheduled process group deploys only if the admin or manager approves it. If it is not approved within the scheduled time, the process group will not get deployed. You can reschedule the deployment for a later time.

To schedule the deployment of a process group:

• Click the **Schedule Deployment** button on the top-right corner under the **Process Groups** tab.

	<b>DFM</b>	Process Groups				Eg · DEV cluster v	Superadmin Test User 🗸
۵	Data Flow Manager	Process Group List (6)				E Sche	dule Deployment Deploy Q
ťa	Clusters	🔍 Search Process Group					
₿	Process Groups	Process Group ↓	Flow Name $\downarrow$	Bucket Name ↓	Version	Status	Actions
Ë	Deployment Schedule	MYSOL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	17	▶0 ■10 ▲8 30	() (E) Upgrade
ŝ	User Management	SQLtoMongo	SQLtoMongo	DFM_Feature_Overview	3	▶0 <b>=</b> 15 <b>▲</b> 7 ₹0	💿 💼 Upgrade
2	Roles & Permissions						
₽,	Activity History	MYSOL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	2	▶0 ■9 ▲5 ∜0	
*	LDAP Configuration	MYSOL	MYSQL-Flow_Test_Rahul	StreamingAnalytics_Bucket	1	▶0 ■10 ▲3 30	💿 🗎 Upgrade
85	Controller Service	Testing_Sample	Testing_Content Team	Data Analytics	1	▶0 ■1 ▲0 ⅔0	💿 😫 Upgrade
⊚	Settings	Kafka_Processing	Kafka_Processing	Data Ingestion	1	▶0 ■2 ▲0 ★0	I Upgrade
?	Help & Support						
	Version 2.1.3						

- Next, choose Bucket and Flow Name, and decide whether to keep the existing parameter contexts.
- Choose the flow version and click **Continue**.





	Process Groups		Cerv cluster      Superadmin Test User
Dashboard	Schedule Deploy Process Group NiFi Flow > Registry & Flow Name		
E Clusters	Destruct		During .
Process Groups	Registry		
Deployment Schedule	e wegissiy		
🞗 User Management	Flow Name		
Roles & Permissions	E Test_GenAl	~	Keep existing Parameter Contexts
E, Activity History	Flow Description N/A		
X LDAP Configuration	Version Control		
8+ Controller Service	Version	Created	Comment
Settings	S 2	12/10/2024 22:40:35	
	O 1	12/10/2024 12:40:32	
Help & Support Version 2.1.3	Back Continue		

• Set the canvas position for the process group and continue.

		I Process Groups		(@) (E ·	DEV cluster V Superadmin Test User V
۵	Dashboard	Schedule Deploy Process Group : Test_GenAl NFiFlow > Registry & Flow Name > Flow Details			
5	Clusters	Selected Flow Name			Current Version
B	Process Groups	E Test_GenAl			<b>D</b> 2
÷	Deployment Schedule	Navigate		Canvas Position	
ĸ	User Management			X -3040	Y -1648
e	Roles & Permissions		Zoom In	Legends	
E,	Activity History		Q	Process Group     Processor     Selected Process Group	
*	LDAP Configuration		Zoom Out		
85	Controller Service		Fit		
0	Settings	NIFI URL		Registry URL	
		https://ec2-3-6-115-225.ap-south-1.compute.amazonaws.com:8443		https://ec2-3-6-115-225.ap-south-1.compute.am	azonaws.com:18085/nifi-registry
?	Help & Support	Back Continue			
	Version 2.1.3				

- Now, set the desired deployment time.
- Edit the parameter context and variables and configure the required external controller services.
- Ensure to start the flow and click continue.





	Process Groups	(ⓐ) (ध ⋅ DEV cluster ∨ Superadmin Test User ∨
Dashboard 같 Clusters		
Deployment S	Schedule January 31, 2025 6:00 PM	
🗙 User Manager	ament January 2025 Time	
Roles & Permis	Issions Su Mo Tu We Th Fr Sa S30PM	
E, Activity Histor	AVY 5 6 7 8 9 10 11 600 PM	
X LDAP Configu	uration 12 12 44 15 16 17 18 6.15 PM 1 Stop Flow	
85 Controller Ser	vice         26         27         28         29         30         3         1         6.45 PM           A         0         Dimbled Reserver	
Settings Help & Support	* () Disabled Processors	
Version 21	Back Continue	

• You'll be redirected to the summary page. Verify the flow details and scheduled time. Click **Schedule**.

	FM	Process Groups		(a) (B + DEV cluster + Superadmin Test User +
Data How	ard s	Schedule Downgrade Process Group : T	est_GenAl nfiguration Details > Summary	
Process	Groups	Summary		
E Deployn	ment Schedule	Selected Cluster	Flow Name	Registry URL
🗙 User Ma	anagement	DEV cluster	Test_GenAl	https://ec2-3-6-115-225.ap-south-1.comput
Roles & F	Permissions	NiFi URL https://ec2-3-6-115-225.ap-south-1.comput_	Selected Version 2	
🗐 Activity	History			
X LDAP Co	configuration	Deployment Schedule		
85 Controlle	er Service	Scheduled Time	Flow state after deploy	
(2) Settings	IS	01/31/25, 06:00:00 PM	RUNNING	
Help & S Versi	Support	Back Schedule		

Your process group will be successfully deployed at the scheduled time.

4.5. How to schedule the upgrade of a process group?

To schedule the upgrade of a process group:





- Go to the Process Groups tab where you will find the list of process groups from the clusters you are currently logged in to.
- Decide the process group that you want to schedule for an upgrade. Click the calendar icon from the Actions column of the selected process group.

	<b>₽FM</b> <sup>■</sup>	Process Groups				🚯 🗄 • Test Cluster 🗸	Superadmin Test User V
ŵ	Data Flow Manager Dashboard	Process Group List (11)				E Sch	edule Deployment Deploy 🖸
ĉ	Clusters	G Search Hocess Gloup					
	Process Groups	Process Group 1	Flow Name 1	Bucket Name 🗯	Version	Status	Actions
<b></b>	Deployment Schedule	<u>A1</u>	A1	Data Analytics	9	▶0 ■0 ▲3 Schedule Upgrad	e 🕒 🗄 Upgrade
× A	User Management	Map Cache Use case	MapCache Usecase	Data Ingestion	3	▶0 ■3 ▲0 ⊁0	💿 🗎 Upgrade
Ē	Activity History	Azure_Flows	Azure_Flow	DataTransformation_Bucket	1	▶0 ■3 ▲0 ∛0	💿 🗎 Upgrade
*	LDAP Configuration	Custom Processor Group 1	CustomProcessGroup1	IIFL Testing	1	▶0 ■0 ▲2 ∛0	💿 🗎 Upgrade
鈴	Controller Service Settings	Custom Process Group 2	Custom Process Group 2	IIFL Testing	1	▶0 ■2 ▲0 ⊁0	le Upgrade
·		Testing custom processor	Custom Processors	Data Analytics	1	▶0 ■3 ▲0 ⊁0	
		Wrapper	N/A	N/A	N/A	▶0 ■0 ▲0 ⊁0	۲
		TEST	N/A	N/A	N/A	▶0 ■0 ▲0 ⊁0	۲
0	Help & Support	1 - 10 of 11 List	51/A	\$17A	\$17A		< 1 2 >

#### • Select the flow version and continue.



• Set the date and time for the upgrade. Choose to start the flow, if needed.





	<b>D</b> FM	Process Groups 🕲 👔 • Test Cluster 🗸 Superadmin Test User 🗸
۵ ۴	Dashboard Clusters	Schedule Upgrade Process Group : A1         NIFI Flow > Flow Details > Configuration Details         Schedule Details       Parameter Context         Variables       Controller Service
	Process Groups Deployment Schedule	Deploy Time *
×	User Management	February 2025 Time
A	Roles & Permissions	Su Mo Tu We Th Fr Sa 10/5 PM
Ξ,	Activity History	26         27         28         29         30         31         10.30 PM           2         3         4         5         6         7         8
*	LDAP Configuration	9 10 11 12 13 14 15 16 17 18 19 20 21 22 130PM
85	Controller Service	23 24 25 26 27 28 1 ILASPM
٥	Settings	* 0 Disabled Processors
?	Help & Support	Back Continue

• Edit the parameter contexts and variables, if required.

	<b>₽</b> FM	Process Groups	(a) (g + Test Cluster v) (C) Superadmin Test User v
۵ ۳	Dashboard Clusters	Schedule Upgrade Process Group : A1 NiFiFlow > Flow Details > Configuration Details	
	Process Groups	Schedule Details Parameter Context Variables Controller Service	
÷	Deployment Schedule	A1	$\bigcirc$
Ň	User Management	Name Value	
A	Roles & Permissions	Al_variable variablesDatnewa	
E,	Activity History		
*	LDAP Configuration	A2	۲
85	Controller Service		
0	Settings		
0	Help & Support Version 2.1.3	Back Continue	

• Configure the required controller services.





<b>₽</b> FM	Process Groups				٩	말 · Test Cluster ~	Superadmin Test Use	er 🗸
Dashboard	Schedule Upgrade F	Process Group : A1						
Process Groups	Schedule Details Para	meter Context Variable	Controller Service					
Deployment Schedule	External Controller S	ervices 🚯					e	0
🗙 User Management	Name	Туре	Bundle	State	Scope	Referencing Component	Action	
Roles & Permissions	DBCPConnectionPoolA	N/A	N/A		N/A		Configure	
E. Activity History	A1						(	
☆ LDAP Configuration							Ċ	
85 Controller Service	A2						•	•
Settings								
Help & Support Version 2.1.3	Back Continue							

• Click **Continue**. You'll be directed to the summary page containing the flow details and the scheduled time. Verify them and schedule the upgrade.

# 4.6. Edit parameter contexts and variables of a process group while deploying or upgrading it

You can edit parameter contexts and variables while deploying a process group. After you select the Bucket and Flow name, choose the flow version, and set the canvas position, you get the list of parameter contexts and variables used by the process group you are currently deploying or upgrading.

	Process Groups	(2)      (2)
Dashboard	Deploy Process Group : SQLtoMongo NIFI Flow > Registry & Flow Name > Flow Details > Configuration Details Parameter Context Variables Controller Service	
Process Groups     Deployment Schedu	sQLtoMongo_Child2_Inheritance	$\odot$
User Management	SQLtoMongo_Child3_Inherited_PC	$\odot$
Roles & Permissions     Activity History	SQLtoMongo_Child2_PC	$\odot$
X LDAP Configuration	SQLtoMongo_Child_PC	$\odot$
<ul><li>Controller Service</li><li>Settings</li></ul>	SQLtoMongo_PC	$\odot$
	SQLtoMongo_Child3_PC	$\odot$
Help & Support Version 2.1.3	Back Continue	





To edit the parameter context,

• Choose the one that you want to edit. Click on the edit icon next to the parameter content.

		<sup>3)</sup> Process Groups	( Prod Cluster V Superadmin Test Use	er 🗸
Ŵ	Dashboard	Deploy Process Group : SQLtoMongo  NiFi Flow > Registry & Flow Name > Flow Details > Configuration Details		
造	Clusters	Parameter Context Variables Controller Service		
8	Process Groups			_
<b></b>	Deployment Schedule	SQLtoMongo_Child2_Inheritance 🚯	(•	?)
R	User Management	Name Value	Referencing Component	
•	Roles & Permissions	filename customer.json	4	2
E. ×	Activity History	SQLtoMongo_Child3_Inherited_PC		9
84	Controller Service	SQLtoMongo_Child2_PC	$(\cdot)$	•
0	Settings	SQLtoMongo_Child_PC	(	•
		SQLtoMongo_PC		•
		SQLtoMongo_Child3_PC	0	•
?	Help & Support	Back		

• Add the description and click **Save**.

	Process Groups	Constant of the second cluster      Superadmin Test User
Dashboard	Deploy Process Group : SQLtoMongo NiFi Flow > Registry & Flow Name > Flow Details > Configuration Details	
Clusters	Parameter Context Variables Con	
Process Groups	Edit Parameter Context	×
Deployment Schedule	SQLtoMongo_Child2_Inheritance Value	
👷 User Management	Name E filename E cus	ncing Component
Roles & Permissions	filename Set empty string	2
E, Activity History	Sensitive value	
X LDAP Configuration		
% Controller Service	SQLtoMongo_Child2_PC	
Settings	Enter Description	
	SQLtoMongo_PC	$\odot$
	SQLtoMongo_Child3_PC	$\odot$
Help & Support Version 2.1.3	Back Continue	

To edit variables:

• Go to the Variables tab. You'll see all variables used by the process group.





	<b>DFM</b>	Process Groups 🛞 😰 • Prod Cluster 🗸 🔕 Superadmin Test User 🗸	
۵ ۳	Dashboard Clusters	Deploy Process Group SQLtoMongo  NFI Flow > Registry & Flow Name > Flow Details > Configuration Details  Parameter Context Variables Controller Service	
8	Process Groups	SQLtoMongo	
⊡ ≈	User Management	SQLtoMongo_Child3	
a F.	Roles & Permissions	SQLtoMongo_Child	
*	LDAP Configuration		
88 100	Controller Service Settings		
0	Help & Support	Back Continue	
	Version 2.1.3		

• Choose the one that you want to edit and click the edit icon.

	<b>₽FM</b> <sup>®</sup>	Process Groups		B      Superadmin Test User
۵ ۳	Dashboard Clusters	Deploy Process Group : SQLtoMongo NiFiFlow > Registry & Flow Name > Flow Details > Configura Dependence Centrality Controller Service	tion Details	
Ð	Process Groups			
÷	Deployment Schedule	SQLtoMongo		$\odot$
R	User Management	Name	Value	
8	Roles & Permissions	queryl	select * from customers_data;	کر ا
E,	Activity History	query2	select * from orders;	۲.
*	LDAP Configuration			
88	Controller Service	SQLtowongo_Child3		
0	Settings	SQLtoMongo_Child		$\odot$
?	Help & Support Version 2.1.3	Back Continue		

• Modify the value of the variables and click **Save**.





<b>D</b> FM	Process Groups		Car + Prod Cluster      Superadmin Test User						
Data How Manager	Deploy Process Group : SQLtoP NIFI Flow > Registry & Flow Name > Flow De Dependence Content - Matching - Content - Matching - Content - Matching - Content - Matching - Content - Con	Mongo tails > Configuration Details							
Process Groups									
Deployment Schedule	SQLtoMongo	Edit Variables	×						
Q User Management	Name	Name							
Roles & Permissions	query1	e query1	L.						
E, Activity History	query2	Value	L						
<ul> <li>LDAP Configuration</li> <li>Controller Service</li> </ul>	SQLtoMongo_Child3	<ul> <li>select * from customers_data;</li> <li>Set empty string</li> </ul>	$\odot$						
Settings	SQLtoMongo_Child	Back Save	$\odot$						
Help & Support	Back Continue								

# 4.7. Configure local controller services for a process group while deploying or upgrading it

Along with parameter contexts and variables tabs, find the controller services tab. It lists all external and local controller services of a process group you're deploying.

	Process Groups	(2) B + Prod Cluster + Superadmin Test User +
Dashboard	Deploy Process Group : SQLtoMongo NiFi Flow > Registry & Flow Name > Flow Details > Configuration Details	
E Clusters	Parameter Context Variables Controller Service	
Process Groups     Deployment Schedul	le External Controller Services 🚯	$\odot$
S User Management	SQLtoMongo	$\overline{\mathbf{v}}$
Roles & Permissions		
E, Activity History	SQLtoMongo_Child3	$\odot$
X LDAP Configuration		
85 Controller Service		
Settings		
Help & Support Version 2.1.3	Back Continue	

To configure the controller service local to the process group:

• Choose the local controller service and click the settings icon.





	<b>₽FM</b> <sup>∎</sup>	P	Process Groups						User 🗸		
۵ ۳	Data Flow Manager Dashboard Clusters	) Nil	Deploy Process Group : SQLtoMongo         IFlow > Registry & Flow Name > Flow Details > Configuration Details         Parameter Context Variables Controller Service								
8	Process Groups										
₿	Deployment Schedule		External Controller Service						$\odot$		
×	User Management	SQLtoMongo									
ß	Roles & Permissions		G.,	_		-					
F.	Activity History		Name	Туре	Bundle	State	Scope	Action			
			AvroRecordSetWriter	AvroRecordSetWriter 1.26.0	org.apache.nifi - nifi-record-s	N/A	N/A	Ø			
*	LDAP Configuration		DBCPConnectionPool	DBCPConnectionPool 1.26.0	org.apache.nifi - nifi-dbcp-se	N/A	N/A	Ø			
00	controller ocritice		AvroReader	AvroReader 1.26.0	org.apache.nifi - nifi-record-s	N/A	N/A	Ø			
Ø	Settings		IsonRecordSatWriter NIELTe	IsonRecordSetWriter 126.0	org anache nifi - nifi-record-s	N/A	N/A	â			
			Sourceord Setwide_Min He	53011/ecold3etmiter 1.20.0	org.apache.nin nin record s	196		\$			
			SQLtoMongo_Child3						$\bigcirc$		
?	Help & Support		Back Continue								

• You'll see a list of properties with their names and values.

	<b>DFM</b>	Proces	ss Groups	ک الت التحد التحد التحد التحد التحديث	Superadmin Test User 🗸							
~	Data Flow Manager	📋 Depl	oy Process Group : SQLtoMongo									
ш е	Clusters	NiFi Flow	AvroRecordSetWriter : Properties	RecordSetWriter : Properties								
8	Process Groups	Parar	Name									
÷	Deployment Schedule	Ext	AvroRecordSetWriter			••	$\odot$					
Ñ	User Management	sqi	Name	Value	Action		$\odot$					
۵	Roles & Permissions	Nan	Compression Format	NONE	2		Action					
E.	Activity History	Avro	Schema Write Strategy	avro-embedded	Z		<b>@</b>					
~	Controller Service	DBC	Schema Branch	No Value Set			٢					
0	Settings	Avro	Schema Name	\${schema.name}			©					
		Jsor	Cache Size	No Value Set	<i>R</i>		٩					
		SQL	Back Apply		2		$\overline{\mathbf{v}}$					
?	Help & Support Version 2.1.3	Back	Continue									

• Click the edit icon to change the value of properties. After changing the value, click **Save**.





<b>D</b> FM	Proces	ss Groups	(2) Prod Cluster ~	Superadmin Test User 🗸						
Data Flow Manager	📋 Depl	oy Process Group : SQLtoN	longo							
ස් දීදු Clusters	NiFi Flow Parar	AvroRecordSetWriter : Properties	ordSetWriter : Properties							
Process Groups		Name								
Deployment Schedule	Ext	AvroRecordSetWriter	Edit : Compression Format	×		<b>.</b>				
Over Management	SQI	Name	Value							
Roles & Permissions	Nan	Compression Format	NONE NONE			Action				
X LDAP Configuration	Avro	Schema Write Strategy	Set empty string			0				
%* Controller Service	DBC	Schema Name	Save			٥				
(3) Settings	Аутс	Cache Size	1000	"		@				
	Jsor	Schema Registry	No Value Set	2		0				
	SQI	Back				$\bigcirc$				
Help & Support	Back	Continue								

• Once done, click **Apply**.

₽FM	Process Groups										
Data Flow Manager	Deploy Process Group : SQLtoMor	igo									
	NiFi Flow AvroRecordSetWriter : Properties	Flow AvroRecordSetWriter : Properties X									
Clusters	Parar	Para									
E Process Groups	Name										
Deployment Schedule	Ext  AvroRecordSetWriter										
Q User Management	SQI Name	Value	Action								
Roles & Permissions	Compression Format	NONE	2	Action							
F, Activity History	Schema Write Strategy Avrc	avro-embedded	Z	Ô							
X LDAP Configuration	Schema Branch	No Value Set	L	Ô							
% Controller Service	Schema Name	\${schema.name}	12	<u> </u>							
Settings	Cache Size	1000	2	Ô							
	Schema Registry	No Value Set									
	SQI Back Apply			$\bigcirc$							
Help & Support	Back Continue										

# 4.8. Attach an existing external controller service to a process group while deploying or upgrading it

Under the same controller service tab,

• Choose External Controller Services and click Configure.





		P	rocess Groups		Prod Cluster	( Prod Cluster V Superadmin Test User V					
۵ ۴	Dashboard Clusters	È Ni	Deploy Process Group : SQLtoMongo  IFi Flow > Registry & Flow Name > Flow Details > Configuration Details  Parameter Context Variables Controller Service								
8	Process Groups Deployment Schedule	ſ	External Controller Services 👔								
R	User Management		Name	Туре	Bundle	State	Scope	Action			
•	Roles & Permissions		AvroReader_External_Root	N/A	N/A		N/A	Configure			
E,	Activity History		DBCPConnectionPool_root	N/A	N/A		N/A	Configure			
*	LDAP Configuration	L	SQLtoMongo						$\odot$		
0	Settings		SQLtoMongo_Child3						$\odot$		
0	Help & Support										
?	Help & Support		Back Continue								

• A pop-up appears where you can select the controller service you want to attach. Search it by its name or state. Mark the check box and click **Submit**.

		Proces	ss Groups	( Prod	Cluster V Superadmin Test Use				
ŵ	Dashboard	🗎 Depl	oy Process Group 🗄 SQ						
ĉ	Clusters	NiFi Flow Parar	Configure Controller Service	9			×		
8	Process Groups		O Search Controller Service	e by Name and State			🕀 Add New		
÷	Deployment Schedule	Ext	Select a controller service from	n the available options in this i	nstance			(	9
Ŕ	User Management	Nan	Name	Туре	Bundle	State	Scope	Action	
8	Roles & Permissions	Avrc	ADLSCredentialsCont	ADLSCredentialsControll	Org.Apache.Nifi - Nifi-Az	INVALID	NiFi Flow	Configure	
E,	Activity History	DBC	ADLSCredentialsCont	ADLSCredentialsControll	Org.Apache.Nifi - Nifi-Az	INVALID	NiFi Flow	Configure	
*	LDAP Configuration		ADLSCredentialsCont	ADLSCredentialsControll	Org.Apache.Nifi - Nifi-Az	INVALID	NiFi Flow		
88	Controller Service	SQI	AmazonGlueSchema	AmazonGlueSchemaRegi	Org.Apache.Nifi - Nifi-Aw	INVALID	NiFi Flow		2
0	Settings	SQI	AmazonGlueSchema	AmazonGlueSchemaRegi	Org.Apache.Nifi - Nifi-Aw	INVALID	NiFi Flow		Ð
			AvroReader	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Re	INVALID	NiFi Flow		
			Back Submit						
?	Help & Support	Back	Continue						

• Now, go to **Settings** located on the right side of the chosen controller service.





	DFM <sup>■</sup>	P	ocess Groups				الله ۲۰۰۰ Cluster ۲ Superadmin Test User ۲				
۵ ۴	Dashboard Clusters	iii NiF	Deploy Process Group : SQLtoMongo IFlow > Registry & Flow Name > Flow Details > Configuration Details Dependence of the second and the seco								
8	Process Groups										
	Deployment Schedule		External Controller Service	25 🕕					$\circ$		
ŝ	User Management		Name	Туре	Bundle	State	Scope	Action			
8	Roles & Permissions		ADLSCredentialsControllerSe	ADLSCredentialsControllerSe	org.apache.nifi - nifi-azure-nar	Invalid	NiFi Flow Settings	@ % ∠			
E,	Activity History		DBCPConnectionPool_root	N/A	N/A		N/A	Configure			
*	LDAP Configuration		SQLtoMongo						$ \mathbf{\overline{v}} $		
0	Settings		SQLtoMongo_Child3						$\odot$		
0	Help & Support	E	Jack Continue								

• Fill in the values of all the fields, and finally click **Apply**.

<b>D</b> FM	Process Groups	rocess Groups							
Data Flow Manager	📋 Deploy Process Group 🗉 S	QLtoMongo							
	NiFi Flow ADLSCredentialsControlle	IFI Flow ADLSCredentialsControllerService : Properties							
Clusters	Parar								
Process Groups	Name								
Deployment Schedule	Ext E ADLSCredentialsContr	+							
🞗 User Management	Nan Name	Value	Action	Action					
Roles & Permissions	ADL Storage Account Name	Sensitive value set	2	⊚ ∦ ∠					
E, Activity History	DBC Endpoint Suffix	dfs.core.windows.net	2	Configure					
☆ LDAP Configuration	Storage Account Key	Sensitive value set	Z						
% Controller Service	SAS Token	Sensitive value set	2						
(i) Settings	SQI Use Azure Managed Identit	y false	Z	$\overline{\bullet}$					
	Managed Identity Client ID	Sensitive value set	Z						
	Back Apply								
Help & Support	Back Continue								

# 4.9. Add a new external controller service to a process group while deploying or upgrading it

Under the same Controller Service tab:

• Go to External Controller Services, and click on **Configure**.





	Process Groups		Constant of Cluster      Superadmin Test User						
Dashboard	Deploy Process Group :      NiFi Flow > Registry & Flow Name >     Parameter Context Variables	Deploy Process Group : SQLtoMongo         FIFlow > Registry&Flow Name > Flow Details > Configuration Details         Parameter Context Variables Controller Service							
Process Groups									
Deployment Schedule	External Controller Service	es 🚯				٢			
🗙 User Management	Name	Туре	Bundle	State	Scope	Action			
Roles & Permissions	ADLSCredentialsControllerSe	ADLSCredentialsControllerSe	org.apache.nifi - nifi-azure-nar	Invalid	NiFi Flow	© % ∠			
E, Activity History	DBCPConnectionPool_root	N/A	N/A		N/A	Configure			
X LDAP Configuration	SQLtoMongo					$\odot$			
Settings	SQLtoMongo_Child3					$\odot$			
Help & Support									

• A pop-up appears where you can find an option to add a new external controller service.

₽FM	Proces	ss Groups	Prod C	luster V Superadmin Test User V			
Data How Manager	🗎 Depl	loy Process Group : SQ	LtoMongo				
Clusters	NiFi Flow Parar	Configure Controller Servic	e			×	
Process Groups		O, Search Controller Servic	e by Name and State			💛 💮 Add New	
Deployment Schedule	Ext	Select a controller service fro	m the available options in this i	instance			$\bigcirc$
🗙 User Management	Nan	Name	Туре	Bundle	State	Scope	Action
Roles & Permissions	ADL	ADLSCredentialsCont	ADLSCredentialsControll	Org.Apache.Nifi - Nifi-Az	INVALID	NiFi Flow	@ % ∠
E, Activity History	DBC	ADLSCredentialsCont	ADLSCredentialsControll	Org.Apache.Nifi - Nifi-Az	INVALID	NiFi Flow	Configure
X LDAP Configuration		ADLSCredentialsCont	ADLSCredentialsControll	Org.Apache.Nifi - Nifi-Az	INVALID	NiFi Flow	
% Controller Service	SQL	AmazonGlueSchema	AmazonGlueSchemaRegi	Org.Apache.Nifi - Nifi-Aw	INVALID	NiFi Flow	$(\mathbf{v})$
Settings	SQI	AmazonGlueSchema	AmazonGlueSchemaRegi	Org.Apache.Nifi - Nifi-Aw	INVALID	NiFi Flow	$\odot$
	_	AvroReader	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Re	INVALID	NiFi Flow	
		Back Submit					
Help & Support	Back	Continue					

• Choose the external controller service from the given list and click **Add**.





		Process Groups		(a) (a) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
â	Dashboard	Add Controller Service		8	
Ŀ	Clusters				
		Q Search Controller Service			
÷	Deployment Schedule	Туре	Version	Tags	
R	User Management	ADLSCredentialsControllerService	1.26.0	cloud, credentials, adls, storage, microsoft, azure :tion	
	Roles & Permissions	ADLSCredentialsControllerServiceLookup	1.26.0	cloud, credentials, adls, storage, microsoft, azure	
E,	Activity History	AmazonGlueSchemaRegistry	1.26.0	schema, registry, glue, aws, avro	
*	LDAP Configuration				
80	Controller Service		ADI SCredentialeCentrellerServicel colore		
©	Settings	Ľ	ADESCREDENTIAISCONTROLIERSERVICELOOKUP	Lzov org.apache.nin - nin-azure-nar	
		Provides an ADLSCredentialsServic 'adis.credentials.name' to be passed ADLSCredentialsService that has b dynamically at runtime by tagging fi	e that can be used to dynamically select and in, and will throw an exception if the attribut een registered with that name. This will allow ow files with the appropriate 'adls.credentials	ther ADLSChedentialService. This service requires an attribute named = 6 missing. The value of adus credentials name <sup>4</sup> will be used to select the multiple ADLSChedentialServices to be defined and registered, and then selected name <sup>4</sup> attribute.	
			Back	Add	
?	Help & Support	Back Continue			
	Version 2.1.3				

## 5. Deployment Schedule

The **Deployment Schedule** tab lists all process groups scheduled for deployments or upgrades. You can view the key details for each process group, such as:

- **Cluster name:** The cluster containing the process group.
- Flow version: The version of the process group scheduled for deployment or upgrade.
- Post-deploy state: It indicates whether the flow is running or stopped.
- Scheduler: The role of a person who scheduled the deployment or upgrade.
- **Deploy time:** The time at which the deployment or upgrade is scheduled.
- **Approver:** The role of a person who approved the deployment or upgrade.
- **Status:** It indicates the status of the scheduled process groups, such as Approved, Not Approved, Failed, Pending, Rejected, Stopped, and Time Lapsed.
- Actions: Provides information about the process group's parameter contexts, variables, and controller services.

Moreover, you can search any process group by entering its name in the search bar given.





		Deployment Se	chedule	<b>©</b>	🐵 皆 💽 Superadmin Test User 🗸					
ŵ	Dashboard	Deployment Sc	hedule List			Select Date F	Range 🖩	Select Cluster	✓ Status	Clear Filters
8	Clusters Process Groups	Process Group ↓	Cluster 1	Version	Post Deploy State	Scheduler ↓	Deploy Time ↓	Approver group/Ap	Status	Actions
Ħ	Deployment Schedule	Al	Prod Cluster	2	Stopped	Superadmin	01/21/25, 11:09:00 AM	No Approver Requir	Deployed	69
о́с П	User Management Roles & Permissions	DFM_Hoverture_Test	N/A	1	Stopped	Rahul.Sharma	01/15/25, 08:15:00	Naman	Failed	٢
Ξ,	Activity History	MYSOL	N/A	2	Running	Superadmin	01/15/25, 07:15:00	Superadmin	Deployed	69
*	LDAP Configuration	MYSOL	N/A	1	Running	Superadmin	01/15/25, 06:22:00	Superadmin	Deployed	69
@	Controller Service Settings	MYSOL	N/A	2	Stopped	Superadmin	01/15/25, 03:06:00	Superadmin	Deployed	69
		MYSQL	N/A	2	Running	Superadmin	01/15/25, 01:57:00	Superadmin	Deployed	69
		MYSQL	N/A	2	Stopped	Superadmin	01/15/25, 01:33:00	Superadmin	Deployed	69
		MYSQL	N/A	2	Stopped	Superadmin	01/15/25, 01:28:00	Superadmin	Deployed	6
?	Help & Support	21 - 30 of 195 List	N17A	10	C	Come en deste	01/1E/2E-11/1E-00 AM	- C	< 1 2 3 4	5 20 >

## 5.1. Filter the list of process groups scheduled for deployment

You can filter the list of process groups scheduled for deployment based on the deployment date, cluster, and deployment status.

### a. Deployment Date

Under the Scheduled Deployment tab:

- Click on Select Date Range.
- Choose the date range (for instance, 1 January 2025 to 10 January 2025).
- Hit Ok.





	<b>DFM</b>	Deployment So	chedule								٢	E Supera	dmin Test User 🗸
ŵ	Dashboard	Deployment Sci	hedule List			ſ	Select Date Ra	nge		Sele	ct Cluster	✓ Status	✓ ⊖ Clear Filters
28	Clusters	Q Search Process Gr	quo				Next Year Next 6 Months	< Su Mo 29 30	Jan 20 Tu We 31	25 Th Fr 2 3	Sa 4		
:	Process Groups	Process Group ↓	Cluster U	Version	Post Deploy State	Schedul	Next 7 Days	5 6	7 8	9 10	11 Jp/Ap	. Status	Actions
₿	Deployment Schedule	IIFL ALL USECASES	Prod Cluster	1	N/A	Superad	Last 7 Days	12 13 19 20 26 27	14 15 21 22 28 20	16 17 1 23 24 20 21	25 equir.	Failed	<b>(3)</b>
о С	User Management	Testing Disable Invalic	Prod Cluster	1	N/A	Superad	Last 6 Months Last Year	2 3	4 5	6 7	8 tequir.	Deployed	69
Ē	Activity History	IIFL ALL USECASES	Prod Cluster	12	N/A	Superad	r			(	ок lequir.	Failed	<b>()</b>
*	LDAP Configuration	Azure data processin	Prod Cluster	n	N/A	Superad	min	01/26/25,0	6:30:0	No Appr	over Requir	Failed	<b>(9</b> )
85	Controller Service	Kafka Processing	Prod Cluster	1	N/A	Superad	min	01/26/25, 11	:30:00	No Appr	over Requir	Deployed	<b>()</b>
÷	Settings	SQL Flows	Prod Cluster	2	Running	Superad	min	01/25/25, 0	6:30:0	No Appr	over Requir	Failed	<b>()</b>
		SQL Flows	Prod Cluster	1	Running	Superad	min	01/25/25, 0	6:27:00.	. No Appr	over Requir	Deployed	69
		SQL Flows	Prod Cluster	2	Running	Superad	min	01/25/25, 0	6:21:00	No Appr	over Requir	Deployed	
0	Help & Support Version 2.1.3	1 - 10 of 195 List	Deed Cluster	۹	Durala	C	asta	01/25/25-0	6.17.00			< 1 2	3 20 >

The list of process groups scheduled for deployment during the specified date range will appear.

	<b>₽</b> FM <sup>®</sup>	Deployment S	Schedule	•	দ্ব Supera	admin Test User 🗸				
۵	Data Flow Manager Dashboard	📋 Deployment S	chedule List			01/01/2025	~ 01/10/2025 >	Select Cluster	✓ Status	✓ ⊖ Clear Filters
23	Clusters	Q Search Process C	Group							
:	Process Groups	Process Group 👃	Cluster U	Version	Post Deploy State	Scheduler ↓	Deploy Time $\downarrow$	Approver group/Ap	Status	Actions
₿	Deployment Schedule	<u>A2</u>	N/A	4	Stopped	Sudhir	01/10/25, 08:15:00	Sudhir	Deployed	69
Ñ	User Management	Testing	N/A	2	Stopped	Sudhir	01/10/25, 08:10:00	Sudhir	Deployed	69
	Roles & Permissions	MYSOL	N/A	8	Stopped	Superadmin	Superadmin 100	Admin	Time Lapsed	
E. V	L DAP Configuration									
85	Controller Service	MYSOL	N/A	5	Stopped	Superadmin	01/10/25, 01:41:00 PM	Superadmin	Deployed	65
©	Settings	MYSOL	N/A	6	Stopped	Superadmin	01/10/25, 01:36:00	Superadmin	Deployed	69
		Testing	N/A	1	Stopped	Sudhir	01/10/25, 03:29:00	Superadmin	Deployed	69
		Testing	N/A	1	Stopped	Sudhir	01/10/25, 03:25:00	Superadmin	Deployed	69
		Testing	N/A	1	Stopped	Sudhir	01/10/25, 03:17:00	Superadmin	Deployed	69
?	Help & Support	1 - 10 of 18 List	N /A	2	C	C. dela	0140/25-0340-00	Commenceders in	<b>D</b> - 1 1	< 1 2 >

#### b. Cluster

On the same tab:

- Go to the **Select Cluster** dropdown present in the top-right corner.
- Select the cluster whose process groups you want to display. We have chosen **ProdCluster**.





	<b>₽</b> FM <sup>®</sup>	Deployment So	chedule						٩	धि Super	admin Test User 🗸
۵	Data Flow Manager	Deployment Sc	hedule List				Select Date Range	ίΩ.	Select Cluster	▼ Status	✓ Clear Filters
Ľ	Clusters	O_ Search Process Gr	oup						LDAP TEST M2 Cluster		
:	Process Groups	Process Group 1	Cluster U	Version	Post Deploy State	Schedule	Deploy	Time 🗯 👘	Prod Cluster	itus	Actions
₿	Deployment Schedule	IIFL ALL USECASES	Prod Cluster	1	N/A	Superadm	in 01/26/2	25, 07:36:00 N	Test Cluster	Failed	69
Ñ	User Management	Testing Disable Invalid	Prod Cluster	1	N/A	Superadm	in 01/26/2	25.07:10:00 N	Jo Approver Requir	Deployed	
<b>a</b>	Roles & Permissions	<u></u>			.,				to rippior or riedonin	boproyed	6.0
E,	Activity History	IIFL ALL USECASES	Prod Cluster	12	N/A	Superadm	in 01/26/2	25, 07:00:0 №	lo Approver Requir	Failed	69
*	LDAP Configuration	Azure data processin	Prod Cluster	11	N/A	Superadm	in 01/26/2	25, 06:30:0 №	lo Approver Requir	Failed	69
**	Controller Service	Kafka_Processing	Prod Cluster	1	N/A	Superadm	in 01/26/2	25, 11:30:00 N	lo Approver Requir	Deployed	69
¢	Settings	SQL Flows	Prod Cluster	2	Running	Superadm	in 01/25/2	25, 06:30:0 ।	lo Approver Requir	Failed	69
		SQL Flows	Prod Cluster	1	Running	Superadm	in 01/25/2	25, 06:27:00 N	lo Approver Requir	Deployed	69
		SQL Flows	Prod Cluster	2	Running	Superadm	in 01/25/2	25, 06:21:00 ト	lo Approver Requir	Deployed	69
?	Help & Support	1 - 10 of 195 List	Des d Chuster		Durala	C	- 0V05/2	DE 0647.00		< 1	2 3 20 >

### • The entire list of process groups in that cluster appears.

	<b>₽FM</b>	Deployment Sc	hedule					\$	E Super	admin Test User 🗸
۵	Dashboard	Deployment Sch	nedule List			Select	Date Range	Prod Cluster	✓ Status	Clear Filters
ĉ	Clusters	🔍 Search Process Gro	pup							
:	Process Groups	Process Group 1	Cluster 1	Version	Post Deploy State	Scheduler 1	Deploy Time ↓	Approver group/Ap	Status	Actions
₿	Deployment Schedule	IIFL ALL USECASES	Prod Cluster	1	N/A	Superadmin	01/26/25, 07:36:00	No Approver Requir	Failed	69
8	User Management	Testing Disable Invalic	Prod Cluster	1	N/A	Superadmin	01/26/25, 07:10:00	No Approver Requir	Deployed	69
<b>a</b>	Roles & Permissions									
E,	Activity History	IIFL ALL USECASES	Prod Cluster	12	N/A	Superadmin	01/26/25, 07:00:0	No Approver Requir	Failed	69
*	LDAP Configuration	Azure data processin	Prod Cluster	11	N/A	Superadmin	01/26/25, 06:30:0	No Approver Requir	Failed	69
85 ②	Controller Service Settings	Kafka_Processing	Prod Cluster	1	N/A	Superadmin	01/26/25, 11:30:00	No Approver Requir	Deployed	69
·		SQL Flows	Prod Cluster	2	Running	Superadmin	01/25/25, 06:30:0	No Approver Requir	Failed	69
		SQL Flows	Prod Cluster	1	Running	Superadmin	01/25/25, 06:27:00	No Approver Requir	Deployed	69
		SQL Flows	Prod Cluster	2	Running	Superadmin	01/25/25, 06:21:00	No Approver Requir	Deployed	69
?	Help & Support Version 2.1.3	1-10 of 21 List	Band Charten	4	D-maile a	C	01/25/25-06/3/00	AL A		123>

### c. Deployment Status

To filter the process group list based on the deployment status:

- Go to the dropdown named **Status** in the top-right corner of the **Deployment Schedule** tab.
- Choose one from the deployment status Approved, Not Approved, Failed, Pending, Rejected, Stopped, and Time Lapsed.





	<b>DFM</b>	Deployment So	chedule					<b>(</b>	te Supe	radmin Test User 🗸
ŵ	Dashboard	Deployment Scl	hedule List				Select Date Range	B Select Cluster	✓ Status	✓ ⊖ Clear Filters
20	Clusters	🔍 Search Process Gr	quo						All	
÷	Process Groups	Process Group 1	Cluster U	Version	Post Deploy State	Scheduler	Deploy Time 1	Approver group/Ap	. Sta Failed	Status M S
₿	Deployment Schedule	IIFL ALL USECASES	Prod Cluster	1	N/A	Superadm	in 01/26/25, 07:36:00	No Approver Requir	Failed	()
С П	User Management	Testing Disable Invalic	Prod Cluster	1	N/A	Superadm	in 01/26/25, 07:10:00	No Approver Requir	Deployed	69
Ē,	Activity History	IIFL ALL USECASES	Prod Cluster	12	N/A	Superadm	in 01/26/25, 07:00:0	No Approver Requir	Failed	69
*	LDAP Configuration	Azure data processin	Prod Cluster	11	N/A	Superadm	in 01/26/25, 06:30:0	No Approver Requir	Failed	69
85 ②	Controller Service Settings	Kafka_Processing	Prod Cluster	1	N/A	Superadm	in 01/26/25, 11:30:00	No Approver Requir	Deployed	69
~		SQL Flows	Prod Cluster	2	Running	Superadm	in 01/25/25, 06:30:0	No Approver Requir	Failed	69
		SQL Flows	Prod Cluster	1	Running	Superadm	in 01/25/25, 06:27:00	No Approver Requir	Deployed	69
		SQL Flows	Prod Cluster	2	Running	Superadm	in 01/25/25, 06:21:00	No Approver Requir	Deployed	69
?	Help & Support	1 - 10 of 195 List	Deed Chaster	,	Durala	C das			< 1	2 3 20 >

Here, we've chosen the **Approved** status.

	<b>DFM</b>	Deployment S	chedule					٩	te Super	admin Test User 🗸
â	Data Flow Manager Dashboard	Deployment Sc	chedule List			Select Date	Range ê	B Select Cluster	✓ Approved	← Clear Filters
Ŀ	Clusters	Q Search Process G	iroup							
÷	Process Groups	Process Group	Cluster U	Version	Post Deploy State	Scheduler $\downarrow$	Deploy Time ↓	Approver group/Ap	Status	Actions
₿	Deployment Schedule	Fetch All Data	N/A	2	N/A	Superadmin	12/28/24, 08:36:00	Sudhir	Approved	ۍ ک
2	User Management	MYSQL	N/A	2	N/A	Superadmin	12/20/24, 03:17:00	Superadmin	Approved	© 🖯
	Roles & Permissions	MYSOL	N/A	2	Running	Superadmin	12/20/24.03:05:0	Superadmin	Approved	
Ē	Activity History									
~	Controller Comparation	MYSQL	N/A	2	Running	Superadmin	12/20/24, 02:45:00	Superadmin	Approved	<del>ک</del> (9)
(9) 52	Controller Service	NiFi Flow	N/A	9	Running	Moksh.Sindhi	12/19/24, 03:20:00	Hemant	Approved	© 🖯
~		NiFi Flow	N/A	9	Running	Moksh.Sindhi	12/19/24, 03:10:00	Hemant	Approved	<u>و</u>
		NiFi Flow	N/A	9	Running	Moksh.Sindhi	12/19/24, 02:58:00	Hemant	Approved	ی چ
		MYSQL-Flow_Test	N/A	10	Running	Sudhir	12/19/24, 03:10:00	Sudhir	Approved	© 🖯
7	Help & Support	1-10 of 41 List	\$17A	10	A17A	C	12/10/24 01/05/00	<b>A</b>	< 1 2	3 5 >

**Note:** You can use all three filters simultaneously to narrow down your search. Ensure to clear the filter every time when you use it so that you can apply another filter.





# 6. User Management

The **User Management** section contains a list of users, along with details like name, username, email, role, and status, that are synchronized with LDAP.

		Users		(a) [b]	Superadmin Test User ~		
â	Dashboard	📋 User List				Select Roles V	Status V Clear Filters
ťa	Clusters	🔍 Search Name, Username, E	mail				
	Process Groups	Profile	Name ↓	Username 👃	Email	Role	Status ↓
Ë	Deployment Schedule	9	Courtney Collins	courtneycollins	uleach@example.net	user	Inactive
2	User Management	0	Roger Welch	rogerwelch	sbarker@example.net	user	Inactive
E	, Activity History	Θ	Daniel Harrison	danielharrison	landrybobby@example.com	user	Inactive
*	LDAP Configuration	0	Henry Black	henryblack	othomas@example.org	user	• Inactive
88	Controller Service	Θ	Jon Landry	jonlandry	tracy51@example.org	user	Inactive
2	y Jettings	9	user1127 User	user1127	N/A	admin	Inactive
		9	user1558 User	user1558	N/A	admin	Inactive
		9	user1671 User	user1671	N/A	admin	Inactive
0	) Help & Support Version 2.1.3	1-10 of 3871 List			\$17A	- desta	< 1 2 3 388 >

You can search for any user by entering their name, username, and email address. Additionally, you can leverage filters to sort the user list based on

### **User Role**

₽FM	Users				<b>@</b>	Fg Superadmin Test User ~
Data Flow Manager	User List	I leemame Email			admin	✓ Status ✓ Clear Filters
ម្លៃ Clusters	Q Search Marile,	Osernanie, Elman				
Process Groups	Profile	Name U	Username 👃	Email	Role	Status 🗅
Deployment Schedule	9	user1208 User	user1208	N/A	admin	Inactive
User Management	9	user1767 User	user1767	N/A	admin	Inactive
E, Activity History	9	user1173 User	user1173	N/A	admin	Inactive
X LDAP Configuration	8	user147 User	user147	N/A	admin	Inactive
8t Controller Service	Θ	user1084 User	user1084	N/A	admin	Inactive
	9	user1573 User	user1573	N/A	admin	Inactive
	9	user1202 User	user1202	N/A	admin	Inactive
	9	user1232 User	user1232	N/A	admin	<ul> <li>Inactive</li> </ul>
Help & Support Version 2.1.3	1-10 of 904 List			817A	- des 1-	< 1 2 3 91 >





### Status (Active & Inactive)

	<b>₽</b> FM <sup>■</sup>	Users				(\$) E	Superadmin Test User 🗸
â	Data Flow Manager Dashboard	🗎 User List				admin 🗸	Active v Clear Filters
Ŀ	Clusters	O_ Search Name, Username, En	ail				
Ð	Process Groups	Profile	Name 1	Username ↓	Email	Role	Status ↓
<b></b>	Deployment Schedule	9	Samar Pratap	samar	samar@gmail.com	admin	Active
8	User Management	9	Moksh Sindhi Sindhi	moksh.sindhi	moksh.sindhi@ksolves.com	admin	Active
	Roles & Permissions	0	Rahul Prakash surti	rahulsurti	N/A	admin	Active
Ē	Activity History	0					
×	LDAP Configuration	8	Vishal Kamtane	vishal.kamtane	vishal.kamtane@ksolves.com	admin	Active
85 65	Controller Service Settings	0	Service_user user	service_user	user@ksolves.con	admin	Active
~		0	Vaibhav Dhakad	Vaibhav	vaibhav.dhakad@ksolves.com	admin, user	Active
		0	Rakesh Chaudhary	Rakesh	rakesh@mail.com	admin	Active
		0	Ramesh Shinde	Ramesh-shinde	ramesh@ksolves.com	admin	Active
?	Help & Support	•	Dahal Channa				
	Version 2.1.3	1 - 10 of 13 List					< 1 2 >

## 7. Roles and Permissions

Create new roles and assign different roles and permissions to users, ensuring that they have appropriate read or write access to Data Flow Manager's certain menus as well as clusters.

₽FM	Roles & Permissi	ons	وَ الله Prod	(a) (tg • Prod Cluster • Superadmin Test User •		
Data How Manager	DFM Role Manag	ement		admin 🗸 Manage Roles Save Changes		
Process Groups	DFM Access	View	Add	Edit	Delete	
E Deployment Schedule	Cluster					Manage Cluster List
User Management	Process Group					
Roles & Permissions	User Management	<b>v</b>				
E. Activity History	Role & Permission					
X LDAP Configuration	LDAP Configuration	<b>Z</b>				
8 Controller Service	Activity History					
Settings	Controller Service	<b>V</b>				

## 7.1. Add a new user role

To add a new user role:





# • Go to **Manage Roles** present in the top right corner of the Roles & Permissions tab.

	<b>₽FM</b> <sup>®</sup>	Roles & Permissions	Roles & Permissions						
â	Data Flow Manager Dashboard	DFM Role Manageme	BFM Role Management						
Ŀ	Clusters	Q Search DFM access							
	Process Groups	DFM Access	View	Add	Edit	Delete			
÷	Deployment Schedule	Cluster					Manage Cluster List		
ŝ	User Management	Process Group							
۵	Roles & Permissions	User Management							
₽,	Activity History	Role & Permission							
*	LDAP Configuration	LDAP Configuration							
80	Controller Service	Activity History							
@	Settings	Controller Service							
?	Help & Support								
0	Help & Support								

### • Click the Add Role button.

<b>D</b> FM	Roles & Permissions			🕲 皆 💽 Superadmin Test User 🗸		
Data Flow Manager	DFM Role Management	Manage Roles		×	Select Role V Manage Roles Save Changes	
Dashboard						
Clusters	O, Search DFM access	O Search DFM Role				
Process Groups	DFM Access	Role	Actions	Delete		
E Deployment Schedu	ule Cluster	Admin	2 🖻		Manage Cluster List	
🞗 User Management	Process Group	Analystss	2			
Roles & Permissions	User Management	Client	2			
E, Activity History	Role & Permission	Dev	2 1			
X LDAP Configuration	LDAP Configuration	Developer	2 🖻			
85 Controller Service	Activity History	Staging	2			
(i) Settings	Controller Service	Test	2 🖻			
		User	2 🖻			
		Userss	2 1			
Help & Support			Cancel Add Role			
Version 2.1.3						

• Enter the role name and click **Submit**.





X	DEW .	Roles & Permission	6		🕲 🖪 🕒 Superadmin Test User 🗸		
Dot	ta Flow Manager ashboard	DFM Role Manageme	ent		Select Role V Manage Roles Save Changes		
E CI	usters	O, Search DFM access					
E Pro	ocess Groups	DFM Access	View	Add	Edit	Delete	
tt De	eployment Schedule	Cluster					Manage Cluster List
<u>ଥ</u> ୍ୟ ଏହ	ser Management	Process Group		Add New Role	$(\mathbf{x})$		
🖹 Ro	oles & Permissions	User Management		Role Name *			
E, Ad	ctivity History	Role & Permission		R TestDeveloper			
× LD	DAP Configuration	LDAP Configuration					
8t Co	ontroller Service	Activity History		Back Submit			
(2) Se	ettings	Controller Service					
(?) Не	elp & Support						
	Version 213						

• The new role will be added to the list.

De Em	Roles & Permissions			🐵 皆 💽 Superadmin Test User 🗸	
Data Flow Manager		Manage Roles		×	
Dashboard	DFM Role Management	🔍 Search DFM Role			Select Role V Manage Roles Save Changes
ដ្ឋៃ Clusters	Q Search DFM access	Role	Actions		
Process Groups	DFM Access	Admin	2 🖻	Delete	
Deployment Schedule	Cluster	Analystss	2 🖻		Manage Cluster List
2 User Management	Process Group	Client			
Roles & Permissions	User Management	Dev			
E, Activity History	Role & Permission	Developer	2		
☆ LDAP Configuration	LDAP Configuration	Staging	2 🖻		
% Controller Service	Activity History	Test	2 🖻		
<ul> <li>Settings</li> </ul>	Controller Service	TestDeveloper	2 🖻		
		User	2 🖻		
		Userss	2 🖻		
			Cancel Add Role		
Help & Support			Add Role		

### 7.2. Edit a user role

You can edit the name of the user role. To do this:

- Go to Manage Role under the Roles & Permissions tab.
- Click on the edit icon for the role you want to edit.



M	Roles & Permissions				🔞 🔓 💫 Superadmin Test User 🗸
Data Flow Manager		Manage Roles		×	
Dashboard	DFM Role Management				Select Role V Manage Roles Save Changes
ំ Clusters	O_ Search DFM access	🔍 Search DFM Role			
Process Groups	DFM Access	Role	Actions	Delete	
Deployment Schedule	Cluster	Admin	2		Manage Cluster List
Standard User Management	Process Group	Analystss	2 1		
Roles & Permissions	User Management	Client	2		
E, Activity History	Role & Permission	Dev	2		
X LDAP Configuration	LDAP Configuration	Developer	2		
85 Controller Service	Activity History	Staging	2		
(3) Settings	Controller Service	Test	2 1		
		TestDeveloper	Edit 🖉 💼		
		User	2		
		Userss	2 1		
(?) Help & Support			Cancel Add Role		
Version 213					

• Change the role name and **Submit**. You will receive a message indicating that the role has been edited successfully.

### 7.3. Delete a user role

To delete a user role:

- Navigate to Manage Role under the Roles & Permissions tab.
- Click on the bin icon to delete the desired role.

	EM "	Roles & Permissions				🕲 皆 💽 Superadmin Test User 🗸
Data Fi	low Manager		Manage Roles		×	
🖒 Dashb	poard	DFM Role Management				Select Role   Manage Roles Save Changes
දී Cluste	ers	O_ Search DFM access	🔍 Search DFM Role			
Proces	ess Groups	DFM Access	Role	Actions	Delete	
🛗 Deplo	oyment Schedule	Cluster	Admin	2 6		Manage Cluster List
있 User N	Management	Process Group	Analystss	2 🖻		
Roles a	& Permissions	User Management	Client	2 🖻		
E, Activit	ity History	Role & Permission	Dev	2 🖻		
🗙 LDAP	Configuration	LDAP Configuration	Developer	2 🖻		
8t Contro	oller Service	Activity History	Staging	2		
(i) Settin	ngs	Controller Service	Test	2 🖻		
			TestDevelopes	Delete /		
			User	2 🖻		
			Userss			
(?) Help 8	& Support			Cancel Add Role		
Ve	ersion 213					





• A pop appears to confirm whether you want to delete the role or not. Click Delete to delete the user role. A confirmation message appears conveying that the role has been edited successfully.

DFM	Roles & Permissio	ns		🐵 🐮 💽 Superadmin Test User 🗸			
	DFM Role Manage	nent	Select Role 🗸 Manage Roles Save Changes				
ਇਤ Clusters	Q Search DFM access						
Process Groups	DFM Access	View	Add	Edit	Delete		
Deployment Schedule	Cluster					Manage Cluster List	
🞗 User Management	Process Group		Delete role	*			
Roles & Permissions	User Management						
E, Activity History	Role & Permission			$\sim$			
X LDAP Configuration	LDAP Configuration		Are you sure you want to de	lete Testdevelopes role			
% Controller Service	Activity History						
(c) Settings	Controller Service		Cancel	Delete			
(?) Help & Support							
Version 2.1.3							

## 7.4. DFM Role Management

NiFi admins have the right to restrict user access to a few tabs of Data Flow Manager.

• Under the Roles & Permissions tab, select the role from the dropdown.

	<b>₽FM</b> <sup>■</sup>	Roles & Permissions	;		🚱 😰 Superadmin Test User 🗸		
ŵ	Data Flow Manager Dashboard	DFM Role Manageme	nt		admin V Manage Roles Save Changes		
ťs	Clusters	Q Search DFM access					staging
:	Process Groups	DFM Access	View	Add	Edit	Delete	user
<b></b>	Deployment Schedule	Cluster					userss Minage Cluster List
R	User Management	Process Group					
۵	Roles & Permissions	User Management					
E,	Activity History	Role & Permission					
*	LDAP Configuration	LDAP Configuration					
88	Controller Service	Activity History					
0	Settings	Controller Service					
?	Help & Support						
	Version 2.1.3						





• Mark the checkbox to grant access rights to users under the selected role based on their responsibilities.

<b>D</b> FM	Roles & Permissio	ons			٩	B Superadmin Test User V
Dashboard	DFM Role Manage	ment	test	Manage Roles     Save Changes		
Clusters	O_ Search DFM access					
Process Groups	DFM Access	View	Add	Edit	Delete	
Deployment Schedule	Cluster					Manage Cluster List
🞗 User Management	Process Group					
Roles & Permissions	User Management					
E, Activity History	Role & Permission					
☆ LDAP Configuration	LDAP Configuration					
8 Controller Service	Activity History					
Settings	Controller Service					
Help & Support						
Version 213						

• Once done, click **Save Changes**. You'll receive a confirmation message that the role access has been saved successfully.

## 7.5. Cluster Management

To manage access rights to clusters,

• Click Manage Cluster List.





	<b>₽FM</b> <sup>■</sup>	Roles & Permission	S				🕲 🖪 Superadmin Test User 🗸
ŵ	Dashboard	DFM Role Manageme	ent		test V Manage Roles Save Changes		
Ŀ	Clusters	◯ Search DFM access					
:	Process Groups	DFM Access	View	Add	Edit	Delete	
÷	Deployment Schedule	Cluster					Manage Cluster List
R	User Management	Process Group					
	Roles & Permissions	User Management					
E,	Activity History	Role & Permission					
×	LDAP Configuration	LDAP Configuration					
80	Controller Service	Activity History					
0	Settings	Controller Service					
?	Help & Support						
	Version 213						

- You'll be redirected to the cluster list. Select the user role from the dropdown.
- Mark the checkbox for permissions you want to grant to the selected role view, edit, delete, & deactivate for the clusters mentioned.
- Finally, click Save Changes.

	Roles & Permissions	oles & Permissions							
Dashboard	Cluster Management	Cluster Management							
Clusters	O, Search cluster name								
Process Groups	DFM Access > Cluster Management								
<b>#</b>	Cluster Access	View	Edit	De-activate	Delete				
Deployment Schedule	DEV Cluster								
🗙 User Management	Hoverture-IIFL								
Roles & Permissions	I DAP TEST								
E. Activity History		U	-						
X LDAP Configuration	M2_Cluster								
85 Controller Service	Prod Cluster								
6) Settings	Test Cluster								
•									
Help & Support									
Version 2.1.3									

## 8. Activity History

The **Activity History** tab provides a detailed history of user actions on various entities, including the cluster, process group, registry, and controller service. It





includes details such as the action performed on the entity, associated messages, timestamps, status, and the name of the user who performed it.

Data Flow Manager lets you filter the activity history based on 3 parameters – Entity, Event, & Status.

### 8.1. Filter the activity history based on the entity

Here, the entities are clusters, process groups, registries, controller services, and users. To filter the activity history based on these entities:

• Go to the Select Entity dropdown present in the top-right corner.

	<b>D</b> FM	Activity History									nin Test User 🗸
â	Dashboard	Activity Histo	ory List					Status	✓ Select Event	V Select Entity	✓ Clear Filters
6	Clusters		900							Cluster Controller Se	prices
	Process Groups	Event 1	Entity 1	Process Group 1	Flow Name 1	Cluster 1	Message	Version	Status 1	Timesta Group Mappi	r ↓ ng
<b></b>	Deployment Schedule	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:04:	<del>Superacimin</del> User
×	User Management Roles & Permissions	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:03:	Superadmin User
E.	Activity History	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:01:5	Superadmin User
*	LDAP Configuration	Edit	Roles	N/A	N/A	N/A	Role-Policy updat	N/A	Success	01/31/25, 02:52:3	Superadmin User
85 63	Controller Service	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 02:49:4	Superadmin User
*		Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	01/31/25, 02:47:2	Superadmin User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 02:46:1	Superadmin User
		Add	Cluster	N/A	N/A	DEV Cluster	Cluster login succ	N/A	Success	01/31/25, 02:45:	Superadmin User
?	Help & Support		0	A17A	N1/A	1.1	Charles in Falls	N17A		01/01/05 00.44	Suparadmin Llear
	Version 2.1.3	1 - 10 of 14452 List								< 1 2	3 1446 >

• Choose the required entity to get the activity history accordingly.





	DFM <sup>■</sup>	Activity Histo	ctivity History							Superad	Imin Test User 🗸
ŵ	Data Flow Manager Dashboard	Activity Histo	ory List					Status	✓ Select Event	← Cluster	✓ Clear Filters
ĉ	Clusters	O <sub>,</sub> Search Messa	ges								
:	Process Groups	Event 1	Entity 1	Process Group $\downarrow$	Flow Name $\downarrow$	Cluster 1	Message	Version	Status ↓	Timestamp	Created By $\downarrow$
	Deployment Schedule	Add	Cluster	N/A	N/A	DEV Cluster	Cluster login succ	N/A	Success	01/31/25, 02:45:	Superadmin User
R	User Management	Add	Cluster	N/A	N/A	Hoverture-IIFL	Cluster login Faile	N/A	• Failed	01/31/25, 02:44:	Superadmin User
	Roles & Permissions	Add	Cluster	N/A	N/A	Hoverture-IIFL	Cluster login Faile	N/A	<ul> <li>Failed</li> </ul>	01/31/25, 02:43:	Superadmin User
ы *	LDAP Configuration		<b>a</b> t							01/01/05 01 50 0	Cup aradmin Liner
85	Controller Service	Add	Cluster	N/A	N/A	Prod Cluster	Cluster login succ	N/A	<ul> <li>Success</li> </ul>	01/31/25, 01:50:3	Superadmin Oser
0	Settings	Add	Cluster	N/A	N/A	Prod Cluster	Cluster login succ	N/A	N/A ess	01/31/25, 01:01:5	Superadmin User
		Add	Cluster	N/A	N/A	Test Cluster	Cluster login succ	N/A	Success	01/31/25, 11:09:3	Superadmin User
		Add	Cluster	N/A	N/A	DEV Cluster	Cluster login succ	N/A	Success	01/31/25, 11:09:2	Superadmin User
		Add	Cluster	N/A	N/A	Prod Cluster	Cluster login succ	N/A	Success	01/31/25, 11:09:19	Superadmin User
?	Help & Support Version 2.1.3	1-10 of 2945 List	Chatta	N1/A	A17A	DEV Cluster	Chatalasia	N1 /A	-	< 1 2	Superadmin Llcar

## 8.2. Filter the activity history based on the event

Filter the activity history by actions, like add, delete, deploy, upgrade, etc.

	Data Flow Manager	Activity Histo	Activity History								min Test User 🗸
۵	Dashboard	Activity Histo	ory List					Status	V Select Event	← Select Entit	y V Clear Filters
Ŀ	Clusters	🔍 Search Messa	Q, Search Messages								
Ð	Process Groups	Event ↓	Entity 1	Process Group $\downarrow$	Flow Name $\downarrow$	Cluster ↓	Message	Version	Statu	тр	Created By $\downarrow$
	Deployment Schedule	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	<del>073723,</del> 03:29:	Superadmin User
R	User Management	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:29:1	Superadmin User
8	Roles & Permissions										
٥.	Activity History	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	01/31/25, 03:26:	Superadmin User
*	LDAP Configuration	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:26:	Superadmin User
能	Controller Service	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:14:3	Superadmin User
¢	occurgo	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:14:11	Superadmin User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:13:0	Superadmin User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:12:3	Superadmin User
?	Help & Support	1-10 of 14462 List	Carta BacCardina	N1/A	N1/A	Devel Charter	C	N1/A	2		Suparadmin Llear

• Go to the **Select Event** dropdown.

• Click the desired event to get the filtered activity history.





		Activity Histo	ivity History								9	Superad	min Test L	Jser 🗸
â	Dashboard	Activity Histo	ory List					Status	~	Select Event	•	Select Entit	y v	Clear Filters
ĉa	Clusters	Q Search Messag	jes							All Add				
÷	Process Groups	Event ↓	Entity 1	Process Group $\downarrow$	Flow Name $\downarrow$	Cluster 1	Message	Version	Statu	Delete Deploy	-	np	Created E	∛y ⊥
Ħ	Deployment Schedule	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	• Su	ccess	01/31/25,	03:29:	Superadm	in User
Ñ	User Management	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	• Su	ccess	01/31/25,	03:29:1	Superadm	in User
e I.	Roles & Permissions	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	• Su	ccess	01/31/25,	03:26:	Superadm	in User
*	LDAP Configuration	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	• Su	ccess	01/31/25,	03:26:	Superadm	in User
86	Controller Service	Add	Controllor Son ison	NZA	N/A	Brad Cluster	Successfully add	N/A			01/21/25	02:14:2	Superador	nin User
0	Settings	Add	Controller Services	NYA	N/A	Prod Cluster	Successfully add	N/A	• Su	ccess	073725,	03:14:3	Superaum	in ober
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	• Su	ccess	01/31/25,	03:14:11	Superadm	in User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	• Su	ccess	01/31/25,	03:13:0	Superadm	in User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	• Su	ccess	01/31/25,	03:12:3	Superadm	in User
?	Help & Support		CartallacCartina	517A	N1/A	Deed Cluster	C	N1/A	~		01/01/05	02.00.	Superadm	vin Llear
	Version 2.1.3	1 - 10 of 14462 List									<	1 2	3	1447 >

## 8.3. Filter the activity history based on the status

• Go to the Status dropdown.

Filter activities based on the event's status - Success, Failed, or All.

	Data Flow Manager	Activity Histo	tivity History						ক্তি দ্বি Superadmin Test User 🗸				
ŵ	Dashboard	Activity Histo	ory List					\$tatus	✓ Select Event	✓ Select Entit	ty 🗸 Clear Filters		
ťa	Clusters	() Search Messag	jes					Failed					
÷	Process Groups	Event 1	Entity 1	Process Group 1	Flow Name $\downarrow$	Cluster $\downarrow$	Message	Success	Ui	Timestamp	Created By $\downarrow$		
Ħ	Deployment Schedule	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	01/31/25, 03:29:	Superadmin User		
×.	User Management	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:29:1	Superadmin User		
	Roles & Permissions	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	01/31/25.03:26:	Superadmin User		
Ē	Activity History												
*	LDAP Configuration	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:26:	Superadmin User		
**	Controller Service	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:14:3	Superadmin User		
ψ	Settings	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:14:11	Superadmin User		
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:13:0	Superadmin User		
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:12:3	Superadmin User		
?	Help & Support	1-10 of 14462 List	Cashallan Casainan	N17A	N1/A	Deed Charles	C	N17A	^	01/01/05 00:00 1 2	Superadmin Llcar		

- Choose whether you want to track activities based on the Failed or Success
- Choose whether you want to track activities based on the Failed or Success status.





	DFM <sup>™</sup>	Activity Histo	stivity History							Superac	min Test User 🗸
â	Data How Manager	Activity Histo	ory List					Success	▼ Select Event	✓ Select Enti	y V Clear Filters
Ŀ	Clusters	O, Search Messag	jes								
:	Process Groups	Event 1	Entity 1	Process Group $\downarrow$	Flow Name $\downarrow$	Cluster 1	Message	Version	Status ↓	Timestamp	Created By $\downarrow$
<b></b>	Deployment Schedule	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	01/31/25, 03:29:	Superadmin User
2	User Management	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:29:1	Superadmin User
	Roles & Permissions	Delete	Controller Services	N/A	N/A	Prod Cluster	Successfully dele	N/A	Success	01/31/25, 03:26:	Superadmin User
*	LDAP Configuration	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:26:	Superadmin User
80	Controller Service	Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:14:3	Superadmin User
0	Settings									, , , .	
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	<ul> <li>Success</li> </ul>	01/31/25, 03:14:11	Superadmin User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:13:0	Superadmin User
		Add	Controller Services	N/A	N/A	Prod Cluster	Successfully add	N/A	Success	01/31/25, 03:12:3	Superadmin User
0	Help & Support		C	N1/A	N1/A	Deed Charter	e	N1/A	~	01/01/05 00:00.	SuperadminLleer
	Version 2.1.3	1 - 10 of 12958 List								< 1 2	3 1296 >

## 9. LDAP Configuration

Go to the LDAP Configuration tab and perform the following steps:

- Add the LDAP URL and enter the Login DN along with the password to establish the LDAP connection.
- Once you've entered the details, test the configuration. If successful, you will see a success dialog box.
- After the successful test, add any required configurations and click **Continue**.

Data Flow Manager	LDAP Configuration		(2) (2) Superadmin Test User V		
Dashboard	LDAP Configuration Fields LDAP URL *     klap/lec2-3-111-156-231 ap south-1 compute amazonaws.com	Login DN * E cn=Valibhau;dc=luser.dc=ksolves;dc=com	Password *		
Deployment Schedule	Test Configuration Base DN *	Groups DN *	Users DN *		
Roles & Permissions     Activity History	dc=user.dc=ksolves.dc=com User Unique Identifier *	E ourgroups Group Unique Identifier *	eruser.dcr:ksolves.dcr:com Group Object Class		
K LDAP Configuration     State Controller Service     Settings	E on Username identifier *	B on Filter ex: ((cn=admin)(cn=developer))	Group Object Class Select Scope		
	E ud Continue	(m-admin)(m-developer)(m-users)	Subtree		

• You can now assign DFM roles to the respective LDAP roles.





• To create a new role, use the **Add New Role** button in the top-right corner. This will create a new role in DFM.

	LDAP Configuration		🔕 😫 🗳 Superadmin Test User 🗸
Dashboard	LDAP Configuration Fields		( ) Add New Role
Clusters	LDAP Groups	DFM Roles	
E Process Groups	admin	admin	~
Deployment Schedule	developer	Manager	~
Q User Management	users	user	~
Roles & Permissions	Users	user	~
E, Activity History			
X LDAP Configuration			
85 Controller Service			
Settings			
	Save Mapping		

## **10. Controller Service**

The **Controller Service** tab lists all controller services with their name, type, bundle, state, scope, and actions.

	<b>DFM</b>	Controller Services	Controller Services									
G	Dashboard	Controller Services List					Add					
Ŀ	Clusters	○ Search Controller Service by N	Q, Search Controller Service by Name									
	Process Groups	Name	Туре	Bundle	State	Scope	Actions					
	Deployment Schedule	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	©∦ ₫					
23	User Management	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow						
8	Roles & Permissions	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	@∦₫					
E,	Activity History	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	@%∎					
*	LDAP Configuration	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	© % ⊡					
88	Controller Service	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	© ½ ₫					
0	Settings	AvroReader	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Invalid	NiFi Flow	◈ ※ 曲					
		AvroReader_External_Root	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Enabled	NiFi Flow	@ ¥					
		AvroRecordSetWriter	AvroRecordSetWriter 1.26.0	Org.Apache.Nifi - Nifi-Record	Disabled	NiFi Flow	@∮₫					
		AvroSchemaRegistry	AvroSchemaRegistry 1.26.0	Org.Apache.Nifi - Nifi-Registry	Disabled	NiFi Flow	@∮₫					
0	Help & Support Version 2.1.3	1 - 10 of 74 List					< 1 2 3 8 >					

## **10.1. Add a new controller service**

Under the Controller Service tab,





ſ	»=M •	Controller Services			(Ĝ) Eg • Prod Cluster ∨	Superadmin Test User 🗸						
Do	ata Flow Manager											
Ġ D	ashboard	Controller Services List					Add					
ta c	Clusters	◯ Search Controller Service by N	Search Controller Service by Name									
E Pi	rocess Groups	Name	Туре	Bundle	State	Scope	Actions					
₿.	eployment Schedule	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	⊚ ※ 茴					
₿ u	Jser Management	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	© ½ ₫					
A R	oles & Permissions	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	<00 ½ 曲					
E, A	activity History	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	@ ½ ₫					
* ч	DAP Configuration	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	@%₫					
85 C	ontroller Service	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	@% ₫					
< <u></u> (2) ≤	Settings	AvroReader	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Invalid	NiFi Flow	@∦⊡					
		AvroReader_External_Root	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Enabled	NiFi Flow	@ <b>%</b>					
		AvroRecordSetWriter	AvroRecordSetWriter 1.26.0	Org.Apache.Nifi - Nifi-Record	Disabled	NiFi Flow	@∮⊡					
		AvroSchemaRegistry	AvroSchemaRegistry 1.26.0	Org.Apache.Nifi - Nifi-Registry	Disabled	NiFi Flow	@∮⊡					
Э н	lelp & Support	1 - 10 of 74 List					< 1 2 3 8 >					
	Version 2.1.3											

• Click the Add button in the top-right corner.

• Search for the controller service using the search bar or click one from the list. Finally, hit the **Add** button.

<b>₽</b> FM	Controller Services		🛞 📴 • Prod Cluster 🗸 💽 Superadmin Test Uso					
Data Now Manager	Add Controller Services List			Add O				
Eg Clusters								
Process Groups	O, Search Controller Service			Actions				
Deployment Schedule	Туре	Version	Tags	@ ½ ₪				
🗙 User Management	ADLSCredentialsControllerService	1.26.0	cloud, credentials, adls, storage, microsoft, azure					
Roles & Permissions	ADLSCredentialsControllerServiceLookup	1.26.0	cloud, credentials, adls, storage, microsoft, azure	@ 🖗 🗇				
F, Activity History	AmazonGlueSchemaRegistry	1.26.0	schema, registry, glue, aws, avro	@∦ ₫				
X LDAP Configuration				@ ½ ₫				
8 Controller Service				② ※ 曲				
Settings		AmazonGiueSchemakegistry I.26.0 org.apa	che.him - him-aws-har	@∦₫				
	Provides a Schema Registry that intera NiFi. When a Schema is looked up by na	cts with the AWS Glue Schema Registry so that those ame by this registry, it will find a Schema in the Glue S	Schemas that are stored in the Glue Schema Registry can be used in the design of the store of t	© ¥				
				Ф. G. ф.				
		Back Add						
	AvroSchemaRegistry AvroSchemaR	Registry 1.26.0 Org.Apache.Nifi - Nifi-R	egistry Disabled NiFi Flow	@ १ 面				
(?) Help & Support Version 2.1.3	1 - 10 of 74 List			< 1 2 3 8 >				

## 10.2. Update the properties of an existing controller service

To update the properties of a controller service:

• Click the corresponding **Settings** icon under the **Actions** columns.





		Controller Services				🚱 🔓 • Prod Cluster 🗸	Superadmin Test User 🗸
ŵ	Dashboard	Controller Services List					Add 🖸
Ľ:	Clusters	🔍 Search Controller Service by	Name				
÷	Process Groups	Name	Туре	Bundle	State	Scope	Actions
₿	Deployment Schedule	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow Settings	© % ₫
R	User Management	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	◈∦≞
4	Roles & Permissions	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	@ ※ 面
₽,	Activity History	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	@∦ ⊞
*	LDAP Configuration	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	@ ½ ₪
88	Controller Service	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	@ ½ 曲
0	Settings	AvroReader	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Invalid	NiFi Flow	@ ½ 🖻
		AvroReader_External_Root	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Enabled	NiFi Flow	⊚ ¥
		AvroRecordSetWriter	AvroRecordSetWriter 1.26.0	Org.Apache.Nifi - Nifi-Record	Disabled	NiFi Flow	@∮₫
		AvroSchemaRegistry	AvroSchemaRegistry 1.26.0	Org.Apache.Nifi - Nifi-Registry	Disabled	NiFi Flow	@∮₫
?	Help & Support Version 2.1.3	1 - 10 of 75 List				E.	1 2 3 8 >

• Edit the values of the properties by clicking on the edit icon, and hit the **Apply** button.

<b>DFM</b>	Control	Controller Services				Superadmin Test User V	
Data How Manager	Contro	Controller Services List					
Clusters	O, Sea	ADLSCredentialsControllerService : Properties					
Process Groups	Name	Name				Actions	
Deployment Schedule	ADLSCr	ADLSCredentialsControllerService				@ % ₫	
🗙 User Management	ADLSCr	Name	Value	Action		@ ⊮ 曲	
Roles & Permissions	ADLSCr	Storage Account Name	Sensitive value set	2		◎ ½ 面	
E, Activity History	ADLSCr	Endpoint Suffix	dfs.core.windows.net	L		© ½ ⊡	
X LDAP Configuration	Amazon	Storage Account Key	Sensitive value set	Z		@ % <b>D</b>	
85 Controller Service	Amazon	SAS Token	Sensitive value set	2		② ※ 由	
<ul><li>Settings</li></ul>	AvroRea	Use Azure Managed Identity	false	2		@ % ₫	
	AvroRea	Managed Identity Client ID	Sensitive value set			© ¥	
	AvroRec	Back Apply				@∮₫	
	AvroSchem	naRegistry AvroSchemaRegistry 1.2	26.0 Org.Apache.Nifi - Nifi-Registry Di	sabled	NiFi Flow	@∮⊞	
Help & Support Version 2.1.3	1 - 10 of 75 L	ist				< 1 2 3 8 >	

## **10.3. Enable or Disable a controller service**

To enable or disable a controller service, click on the lightning icon. The controller service will be enabled or disabled accordingly.





		Controller Services				C La • Prod Cluster v	Superadmin Test User V
Dashb	board	Controller Services List					
පී Cluste	ters	Q Search Controller Service by Name					
Proce	ess Groups	Name	Туре	Bundle	State	Scope	Actions
E Deplo	oyment Schedule	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	©∦ ₫
있 User I	Management	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	∲% 曲
Roles	s & Permissions	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	⊚⊮亩
🗐 Activi	vity History	ADLSCredentialsControllerSer	ADLSCredentialsControllerSer	Org.Apache.Nifi - Nifi-Azure-Nar	Invalid	NiFi Flow	∲⊮₫
🗙 LDAP	P Configuration	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	⊚ ※ 面
85 Contro	roller Service	AmazonGlueSchemaRegistry	AmazonGlueSchemaRegistry 1	Org.Apache.Nifi - Nifi-Aws-Nar	Invalid	NiFi Flow	◈⊮卣
(2) Setting	ings	AvroReader	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Invalid	NiFi Flow	◎ ½ 由
		AvroReader_External_Root	AvroReader 1.26.0	Org.Apache.Nifi - Nifi-Record	Enabled	NiFi Flow Disable	*
		AvroRecordSetWriter	AvroRecordSetWriter 1.26.0	Org.Apache.Nifi - Nifi-Record	Enabling	NiFi Flow	⊚ ¥
		AvroSchemaRegistry	AvroSchemaRegistry 1.26.0	Org.Apache.Nifi - Nifi-Registry	Disabled	NiFi Flow	@∮₫
Help 8	& Support	1 - 10 of 75 List					< 1 2 3 8 >

## 11. Settings

All settings can be managed and customized through the Settings Tab, providing you with easy access to configuration options.

- To customize the icon, use the **favicon** setting. This allows you to choose the icon you want.
- By enabling **LDAP Auto-sync**, the system will automatically sync LDAP users. This ensures that the user data is up-to-date.





<b>₽FM</b>	<sup>a</sup> Settings			( Tg • Dev Cluster • Superadmin Test User •	
Data Flow Manager	Арр				
Dashboard	Support Email Meta Title				
E Clusters	Support@ksolves.com	E DFM	DFM DFM		
Process Groups			Eastcon (allower: ico port)		
E Deployment Schedule	default-logo.png	쇼 🖼 default-fav	Gild default-favicon.ico		
🗙 User Management					
Roles & Permissions	Email Configuration				
E, Activity History	SMTP Service	SMTP Host		SMTP Port	
☆ LDAP Configuration	C Gmail	E smtp.gmail.com		<b>E</b> 465	
8t Controller Service	SMTP User	SMTP Password		From Email	
Settings	E noreply-dfm@ksolves.com		Ø	noreply-dfm@ksolves.com	
	Ldap				
	LDAP Auto Sync Time				
	LDAP Enabled AUTO SYNC Enabled	E 1 hour ~		Change Configuration	
Help & Support	Deployment Schedule				
Version 2.1.2					

- The Admin Group includes all users with administrative privileges. Members of this group will receive email notifications regarding scheduled deployments.
- An email reminder will be sent before the scheduled deployment. You can set the time for the reminder.
- You can manage and control the **Service Account** details. This account has full permissions on **NiFi**, allowing it to perform necessary administrative tasks.

<b>D</b> FM	<sup>11</sup> Settings	( Les Ouv Cluster V Superadmin Test User V	
Data Flow Manager	SMTP User  roreply-dfm@ksolves.com	SMTP Password	From Email Torreply-dtm@ksolves.com
Process Groups	Ldap		
Deployment Schedule	LDAP Enabled AUTO SYNC Enabled	LDAP Auto Sync Time  I hour	Change Configuration
Roles & Permissions	Deployment Schedule		
E, Activity History	Approver Groups		
X LDAP Configuration	e admin		
85 Controller Service	Group Email Id		
<ul> <li>Settings</li> </ul>	dfm@ksolves.com	🛱 5 mins 🗸	
	Service Account		
	Username	Password	
A Hala Support	8 service_user	Enter your Password	
Version 2.1.2	Save Settings		

