

Institute of Computer Technology
B. Tech Computer Science and Engineering

Sub: Identity and Access Management (2CSE507)

Name - Nisarg Prajapati

Branch - Cyber Security

Enrollment no. – 23162171019

Semester - 5

Class - A

Batch – 52

PRACTICAL NO:- 10

Aim : Identity feeds exercises

Exercise 1 : Creating a comma separated value (CSV) identity feed

AJK Enterprises hired a number of new employees to work in the finance department. In this exercise, you create a new identity feed (service) to load these new employees from a comma-separated value file into IBM Security Identity Manager. You also create several new IBM Security Identity Manager users.

1. Log in to the IBM Security Identity Manager Administrative Console as the system administrator with the user ID itim manager.

IBM Security Identity Manager

Type your user ID and password, and then click Log In. ?

User ID

Password

2. On the Home tab, navigate to Manage Services.
3. Click Create.

Manage Services

Manage Services > Select a Service

To locate a service that you want to manage, type information about the service in the field, select search options, and then click Search. The services that match your criteria are displayed. By default, clicking Search will search the system based on the beginning letters of the item you are searching for. To search for a textual pattern in the middle of an item, use the '*' symbol as a wildcard. (For example, typing *b* will find "abc".)

Search information

Search by
☒ Service
☐ Business unit

Service type

Status

Services

To perform a particular task on a service, click the icon next to the service name, and then select the task you want to perform.

Select	Status	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
Total: 0 Displayed: 0 Selected: 0								

4. Confirm that the Finance business unit is selected or Click Search in front of Business Unit and Select Finance .
5. Select Comma Separated File (CSV) identity feed and click Next.

Create Service

Manage Services > Create a Service > Select the Type of Service

To create a new service, select the type of service that you want to create, and then click Next. If the type of : a custom service type.

*Business unit
Finance

Select	Service Type	Description
<input type="radio"/>	AD OrganizationalPerson identity feed	Active Directory Identity Feed Service Profile
<input checked="" type="radio"/>	Comma Separated File (CSV) identity feed	CSV Identity Feed Service Profile
<input type="radio"/>	DSML identity feed	DSML Identity Feed Service Profile
<input type="radio"/>	Hosted service	No description provided
<input type="radio"/>	IDI data feed	IDI Data Feed Service Profile
<input type="radio"/>	INetOrgPerson identity feed	LDAP Identity Feed Service Profile
<input type="radio"/>	LDAP profile	LDAP service profile
<input type="radio"/>	POSIX AIX profile	AIX accounts service profile
<input type="radio"/>	POSIX HP-UX profile	HP-UX accounts service profile
<input type="radio"/>	POSIX Linux profile	Linux accounts service profile
<input type="radio"/>	POSIX Solaris profile	Solaris accounts service profile

Page 1 of 1 Total: 11 Displayed: 11 Selected: 1

6. Complete the Create a Service form with the following information:

Create Service

Manage Services > Create a Service > Service Information

To use a service, specify the name of the service and information to connect. Then, click Finish.

*Service name
CSV Identity Feed

Description
CSV Feed for finance users

*File name
/classfiles/data/newhires_finance.csv

☐ Use workflow

☐ Evaluate separation of duty policy when workflow is used

Person profile name
Person

*Name attribute
uid

Placement rule
return "ou=Finance";

7. Click Test Connection.

Create Service

Manage Services > Create a Service > Service Information

To use a service, specify the name of the service and information to connect to the server where the service resides. To test the connection to the service, click Test Connection. Then, click Finish.

CTGIMU108
A connection was established to the specified service successfully.

[Close Message](#)

Service name
CSV Identity Feed

Description
CSV Feed for finance users

File name
/classes/data/newhires_finance.csv

☐ Use workflow

☐ Evaluate separation of duty policy when workflow is used

Person profile name
Person

Name attribute
uid

Placement rule
return "ou=Finance";

[< Back](#) [Previous](#) [Finish](#) [Cancel](#) [Test Connection](#)

8. If the connection is successful, click Finish. If it is not, check that you entered the file name correctly.
9. When you see the message that you successfully created the CSV Identity Feed, click close.

Create Service

Manage Services > Create Service > Success

You successfully created the **CSV Identity Feed** service on the **Comma Separated File (CSV) identity feed** service type.

Other Tasks

[Create another service](#)

[Close](#)

10. From Manage Services > Select a Service, click Refresh until the new service is shown in the list.

Services

To perform a particular task on a service, click the icon next to the service name, and then select the task you want to perform.

2 results found for: *

	Create	Change	Delete	Export Access Data	Import Access Data	Enable Access	Disable Access	Refresh
Select	Stat...	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	

Page 1 of 1 Total: 2 Displayed: 2 Selected: 0

[Close](#)

11. Click the small triangle to the right of CSV Identity Feed and click Reconcile Now.

Create Change Delete Export Access Data Import Access Data Enable Access Disable Access					
Select	Stat...	Service Name	Description	Service T...	Business ...
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises
Page 1 of 1		Total	0		

12. When you see the message that you successfully submitted a reconciliation request, click View my request. The reconciliation request should be the top-most request in the list.

Requests

To view the details for a request, click the request type.

1 requests were submitted by ITIM Manager between November 19, 2025 and November 19, 2025.

Cancel Request Refresh					
Select	Status	Request Type	Date Submitted	Requestor	Requested for
<input checked="" type="checkbox"/>	Success	Reconciliation	November 19, 2025 6:38:57 PM	System Administrator	CSV Identity Feed
Page 1 of 1		Total: 1	Displayed: 1	Selected: 0	

[Close](#)

13. If the status of the request shows it is pending, click Refresh until it shows success. It might take several minutes to complete the reconciliation.
14. On the Home tab, go to the Manage Users area. Confirm that three new users are added to the Finance business unit.

Users

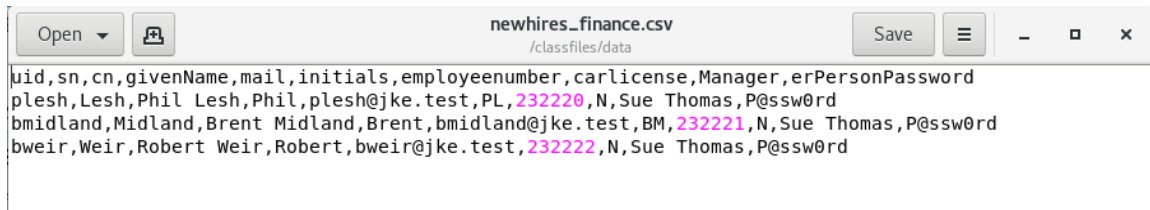
To perform a particular task for a user, click the icon next to the name of the user, and then select the task that you want to perform.

10 results found for: *

☒ Include individual accounts when suspending, restoring, or deleting users

Create Change Delete Suspend Restore Transfer Refresh					
Select	Name	E-mail Ad...	Last Name	Business ...	Status
<input type="checkbox"/>	Alice Smyth	asmith@jke...	Smyth	Finance	Active
<input type="checkbox"/>	Bob Smith	bsmith@jke.test	Smith	WW	Active
<input type="checkbox"/>	Brent Midland	bmidland@jk...	Midland	Finance	Active
<input type="checkbox"/>	Erica Carr	ecarr@jke.test	Carr	JK Enterprises	Active
<input type="checkbox"/>	John Davis	jdavis@jke.test	Davis	TechSupport	Active
<input type="checkbox"/>	Nisarg Prajapati	NPrajapati@j...	Prajapati	JK Enterprises	Active
<input type="checkbox"/>	Phil Lesh	plesh@jke.test	Lesh	Finance	Active
<input type="checkbox"/>	Robert Weir	bweir@jke.test	Weir	Finance	Active
<input type="checkbox"/>	Sue Thomas	stthomas@jk...	Thomas	Finance	Active
<input type="checkbox"/>	System Administrator		Administrator	JK Enterprises	Active
Page 1 of 1		Total: 10	Displayed: 10	Selected: 0	

15. You can also review the contents of newhires_finance.csv to confirm that the data looks correct. Open it in Text Editor Icon from desktop.



16. Close all the tabs.

Exercise 2 : Creating a Directory Services Markup Language (DSML) identity feed

In this exercise, you populate IBM Security Identity Manager with a list of developers at JK Enterprises using a new identity feed (service). This feed reads data from a DSML file and uses that information to create IBM Security Identity Manager users for the Development business unit.

1. On the Home tab, you go to Manage Services.
2. Click Create.

Services

To perform a particular task on a service, click the icon next to the service name, and then select the task you want to perform.

2 results found for: *

	Create	Change	Delete	Export Access Data	Import Access Data	Enable Access	Disable Access	Refresh
Select	Stat...	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	

Page 1 of 1 Total: 2 Displayed: 2 Selected: 0

3. Select the Development business unit. Click Search in front of Business Unit and Select Development .
4. Select DSML identity feed and click Next.

Create Service

Manage Services > Create a Service > Select the Type of Service

To create a new service, select the type of service that you want to create, and then click Next. If the type is a custom service type.

*Business unit
Development Search...

Select	Service Type	Description
<input type="radio"/>	AD OrganizationalPerson identity feed	Active Directory Identity Feed Service Profile
<input type="radio"/>	Comma Separated File (CSV) identity feed	CSV Identity Feed Service Profile
<input checked="" type="radio"/>	DSML identity feed	DSML Identity Feed Service Profile
<input type="radio"/>	Hosted service	No description provided
<input type="radio"/>	IDI data feed	IDI Data Feed Service Profile
<input type="radio"/>	InetOrgPerson identity feed	LDAP Identity Feed Service Profile
<input type="radio"/>	LDAP profile	LDAP service profile
<input type="radio"/>	POSIX AIX profile	AIX accounts service profile
<input type="radio"/>	POSIX HP-UX profile	HP-UX accounts service profile
<input type="radio"/>	POSIX Linux profile	Linux accounts service profile
<input type="radio"/>	POSIX Solaris profile	Solaris accounts service profile

Page 1 of 1 Total: 11 Displayed: 11 Selected: 1

5. Complete the Create a Service form with the following information:

Create Service	
<div> <div>✓ Select Type</div> <div>⇒ Service Information</div> </div>	<div>Manage Services > Create a Service > Service Information</div> <div>To use a service, specify the name of the service and information to connect to the server where the service resides. To test the connection to the service, click Test Connection. Then, click Finish.</div> <div> <div>*Service name</div> <div>DSML Identity Feed</div> </div> <div> <div>Description</div> <div>Load Dev Team through DSML Feed</div> </div> <div> <div>User ID</div> <div></div> </div> <div> <div>Password</div> <div></div> </div> <div> <div>File name</div> <div>/classfiles/data/development.dsml</div> </div> <div> <input type="checkbox"/> Use workflow <input type="checkbox"/> Evaluate separation of duty policy when workflow is used </div> <div> <div>Placement rule</div> <div>return "ou=Development";</div> </div>
<div> <div>< Back</div> <div>Next ></div> <div>Finish</div> <div>Cancel</div> <div>Test Connection</div> </div>	

6. Click Test Connection.

Create Service	
<div> <div>✓ Select Type</div> <div>⇒ Service Information</div> </div>	<div>Manage Services > Create a Service > Service Information</div> <div>To use a service, specify the name of the service and information to connect to the server where the service resides. To test the connection to the service, click Test Connection. Then, click Finish.</div> <div> <div>CTGIMU1211</div> <div>A connection was established to the service successfully with non secure communication. See InfoCenter to configure secure communication.</div> <div>Close Message</div> </div> <div> <div>*Service name</div> <div>DSML Identity Feed</div> </div> <div> <div>Description</div> <div>Load Dev Team through DSML Feed</div> </div>

7. If the connection is successful, click Finish. If it is not, check that you entered the file name correctly.
8. When you see the message that you successfully created the DSML identity feed, click Close.
9. From Manage Services > Select a Service, click Refresh until the new service is shown in the list.
10. Click the small triangle to the right of the new service name and click Reconcile Now.

Services

To perform a particular task on a service, click the icon next to the service name, and then select the task you want to perform.

3 results found for: *

Create Change Delete Export Access Data Import Access Data Enable Access Disable Access Refresh								
<input type="checkbox"/> Select ^	Stat... ^	Service Name ^	Description ^	Service T... ^	Business ... ^	Access Name ^	Access Status ^	Access Type ^
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		DSML Identity Feed	Load Dev Team through DSML Feed	DSML identity feed	Development			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	
Page 1 of 1		Total		0				

11. When you see the message that you successfully submitted a reconciliation request, click View my request. The reconciliation request should be the top-most request in the list.
12. If the status of the request is pending(wait for a minute), click Refresh until it shows success.

Requests

To view the details for a request, click the request type.

3 requests were submitted by ITIM Manager between November 19, 2025 and November 19, 2025.

Cancel Request Refresh						
<input type="checkbox"/> Selec ^	Status ^	Request Type ^	Date Submitted ^	Requestor ^	Requested for ^	Service Name ^
<input type="checkbox"/>	Pending	Reconciliation	November 19, 2025 7:25:10 PM	System Administrator		DSML Identity Feed
<input checked="" type="checkbox"/>	Success	Reconciliation	November 19, 2025 7:22:57 PM	System Administrator		DSML Identity Feed
<input checked="" type="checkbox"/>	Success	Reconciliation	November 19, 2025 6:38:57 PM	System Administrator		CSV Identity Feed
Page 1 of 1		Total: 3 Displayed: 3 Selected: 0				

13. On the Home tab, navigate to the Manage Users area. Confirm that four new users are added to the Development business unit.

Users

To perform a particular task for a user, click the icon next to the name of the user, and then select the task that you want to perform.

14 results found for: *

☒ Include individual accounts when suspending, restoring, or deleting users

<div> <div>Create</div> <div>Change</div> <div>Delete</div> <div>Suspend</div> <div>Restore</div> <div>Transfer</div> <div>Refresh</div> </div>						
<input type="checkbox"/> Select	Name	E-mail Ad...	Last Name	Business ...	Status	
<input type="checkbox"/>	Alice Smyth	▶ asmyth@jke...	Smyth	Finance	Active	
<input type="checkbox"/>	Bob Smith	▶ bsmith@jke.test	Smith	WW	Active	
<input type="checkbox"/>	Brad Carlton	▶ bcarlton@jke...	Carlton	Development	Active	
<input type="checkbox"/>	Brent Midland	▶ bmidland@jk...	Midland	Finance	Active	
<input type="checkbox"/>	Erica Carr	▶ ecarr@jke.test	Carr	JK Enterprises	Active	
<input type="checkbox"/>	John Davis	▶ jdavis@jke.test	Davis	TechSupport	Active	
<input type="checkbox"/>	Nisarg Prajapati	▶ NPrajapati@j...	Prajapati	JK Enterprises	Active	
<input type="checkbox"/>	Phil Lesh	▶ plesh@jke.test	Lesh	Finance	Active	
<input type="checkbox"/>	Robert Weir	▶ bweir@jke.test	Weir	Finance	Active	
<input type="checkbox"/>	Sue Thomas	▶ sthomas@jk...	Thomas	Finance	Active	
<input type="checkbox"/>	System Administrator	▶	Administrator	JK Enterprises	Active	
<input type="checkbox"/>	Tally Isham	▶ tisham@jke.test	Isham	Development	Active	
<input type="checkbox"/>	Victor Newman	▶ vnewman@jk...	Newman	Development	Active	
<input type="checkbox"/>	Vince Young	▶ vyoung@jke...	Young	Development	Active	
<div> <div>Page 1 of 1</div> <div>Total: 14 Displayed: 14 Selected: 0</div> </div>						

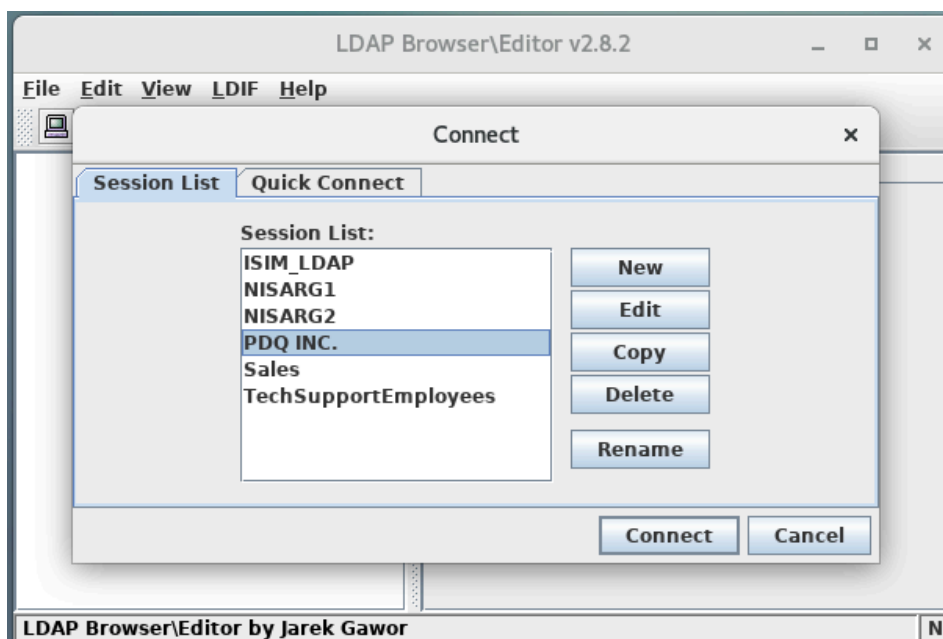
14. You can also review the contents of development.dsml to confirm that the data looks correct. Open it in Text Editor Icon from desktop.
15. Close all the tabs.

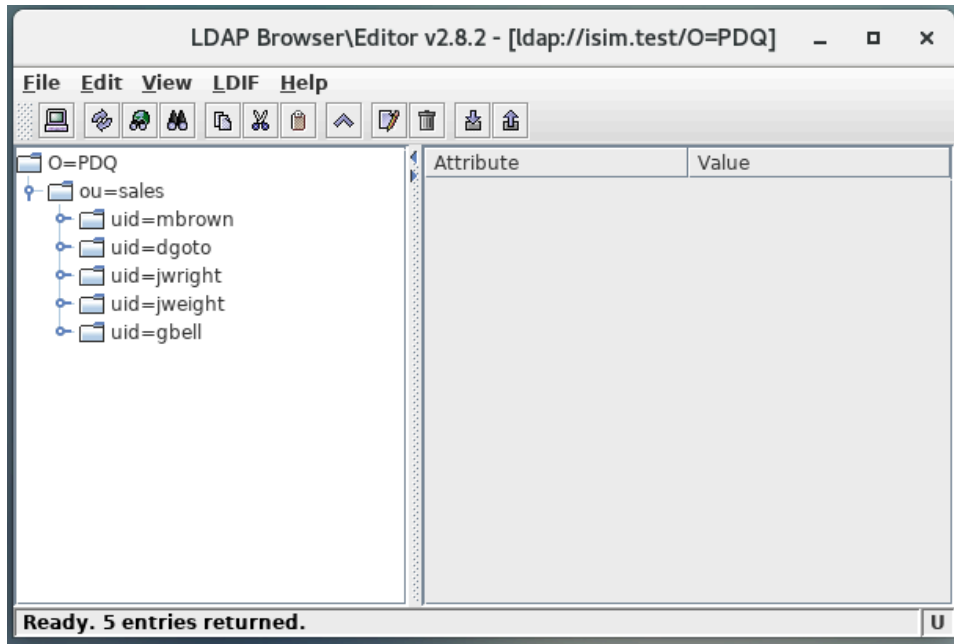
Exercise 3 : Creating an LDAP InetOrgPerson identity feed

JK Enterprises recently acquired PDQ Inc. to increase its business presence in the Asia Pacific region. In this exercise, you create a new identity feed (service) that simulates reading data from a Lightweight Directory Access Protocol (LDAP) server at PDQ Inc. You also automatically create new IBM Security Identity Manager users from the directory contents.

Preparing for the load

You will import users from the PDQ LDAP Server which for the purposes of this class, is the same LDAP server that is installed on the class computer. The PDQ user entries are stored in the directory under ou=sales, o=PDQ. You can use LDAP Browser or Web Admin tool to browse those users. Open the LDAP Browser from Desktop. Select PDQ INC from session list and click on connect. Expand O=PDQ then Expand ou=sales. Confirm there are five users in the PDQ organization to import with this identity feed.





Creating and testing the identity feed

1. Log in to the IBM Security Identity Manager Administrative Console as the system administrator with the user ID itim manager.
2. On the Home tab, navigate to Manage Services.
3. Click Create.

Services

To perform a particular task on a service, click the icon next to the service name, and then select the task you want to perform.

2 results found for: *

Create Change Delete Export Access Data Import Access Data Enable Access Disable Access Refresh								
<input type="checkbox"/> Select	Stat...	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	
Page 1 of 1		Total: 2 Displayed: 2 Selected: 0						

4. Complete the Create a Service form with the following information:

Create Service

Manage Services > Create a Service > Select the Type of Service

To create a new service, select the type of service that you want to create, and then click Next. If the type is a custom service type.

*Business unit
JK Enterprises

Select	Service Type	Description
<input type="radio"/>	AD OrganizationalPerson identity feed	Active Directory Identity Feed Service Profile
<input type="radio"/>	Comma Separated File (CSV) identity feed	CSV Identity Feed Service Profile
<input type="radio"/>	DSML identity feed	DSML Identity Feed Service Profile
<input type="radio"/>	Hosted service	No description provided
<input type="radio"/>	IDI data feed	IDI Data Feed Service Profile
<input checked="" type="radio"/>	INetOrgPerson identity feed	LDAP Identity Feed Service Profile
<input type="radio"/>	LDAP profile	LDAP service profile
<input type="radio"/>	POSIX AIX profile	AIX accounts service profile
<input type="radio"/>	POSIX HP-UX profile	HP-UX accounts service profile
<input type="radio"/>	POSIX Linux profile	Linux accounts service profile
<input type="radio"/>	POSIX Solaris profile	Solaris accounts service profile

Page 1 of 1 Total: 11 Displayed: 11 Selected: 1

Create Service

Manage Services > Create a Service > Service Information

To use a service, specify the name of the service and information to connect to it. Then, click Finish.

*Service name
LDAP inetOrgPerson Identity Feed

Description
LDAP Identity Feed

*URL
ldap://isim.test:389

User ID
cn=root

Password
••••••••

*Naming context
ou=sales,o=pdq

☐ Use workflow

☐ Evaluate separation of duty policy when workflow is used

Person profile name
Person

Attribute mapping file name

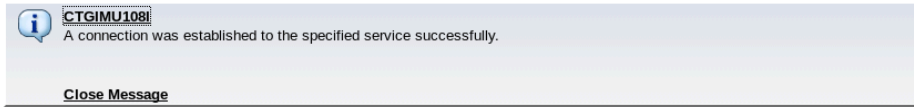
*Name attribute
uid

Placement rule
return "L=AP,ou=Sales";

5. Click Test Connection.
6. If the connection is successful, click Finish. If it is not, check that you correctly entered the URL, user ID, and Password.

Manage Services > Create a Service > Service Information

To use a service, specify the name of the service and information to connect to the server where the service resides. To test the connection to the service, click Test Connection. Then, click Finish.



*Service name

LDAP inetOrgPerson Identity Feed

7. When you see the message that you successfully created the identity feed, click Close.
8. From Manage Services > Select a Service, click Refresh until the new service is shown in the list.
9. Click the small triangle to the right of the new service name and then click Reconcile Now.

Create Change Delete Export Access Data Import Access Data Enable Access Disable Access Refresh								
<input type="checkbox"/> Select	Stat...	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		DSML Identity Feed	Load Dev Team through DSML Feed	DSML identity feed	Development			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP inetOrgPerson Identity Feed	LDAP Identity Feed	INetOrgPerson identity feed	JK Enterprises			
Page 1 of 1		Total	0					

[Change](#)
[Delete](#)
[Set Up Reconciliation](#)
[Reconcile Now](#)

Close

10. When you see the message that you successfully submitted a reconciliation request, click View my request.

Reconcile Now

Manage Services > Reconcile Now > Success

You successfully submitted a reconciliation request to run immediately for **LDAP InetOrgPerson Identity Feed** service.

Other Tasks

[View my request](#)

Close

11. If the initial status of the request shows that it is in the pending state, click Refresh (wait for a minute) until it shows success.

Requests

To view the details for a request, click the request type.

4 requests were submitted by **ITIM Manager** between **November 19, 2025** and **November 19, 2025**.

<div>Cancel Request Refresh</div>						
Selec ^	Status ^	Request Type ^	Date Submitted ^	Requestor ^	Requested for ^	Service Name ^
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 8:27:19 PM	System Administrator		LDAP InetOrgPerson Identity Feed
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 7:25:10 PM	System Administrator		DSML Identity Feed
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 7:22:57 PM	System Administrator		DSML Identity Feed
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 6:38:57 PM	System Administrator		CSV Identity Feed
Page 1 of 1 Total: 4 Displayed: 4 Selected: 0						

Close

12. On the Home tab, navigate to Manage Users area. Confirm that five new users are added to the AP location of the Sales division.

Users

To perform a particular task for a user, click the icon next to the name of the user, and then select the task that you want to perform.

19 results found for: *

☒ Include individual accounts when suspending, restoring, or deleting users

<div> <div>Create</div> <div>Change</div> <div>Delete</div> <div>Suspend</div> <div>Restore</div> <div>Transfer</div> <div>Refresh</div> </div>						
<input type="checkbox"/> Select	Name	E-mail Ad...	Last Name	Business ...	Status	
<input type="checkbox"/>	Alice Smyth	▶ asmyth@jke...	Smyth	Finance	Active	
<input type="checkbox"/>	Bob Smith	▶ bsmith@jke.test	Smith	WW	Active	
<input type="checkbox"/>	Brad Carlton	▶ bcarlton@jke...	Carlton	Development	Active	
<input type="checkbox"/>	Brent Midland	▶ bmidland@jk...	Midland	Finance	Active	
<input type="checkbox"/>	Dengo Goto	▶ dgoto@jke.test	Goto	AP	Inactive	
<input type="checkbox"/>	Erica Carr	▶ ecarr@jke.test	Carr	JK Enterprises	Active	
<input type="checkbox"/>	Graham Bell	▶ gbell@jke.test	Bell	AP	Inactive	
<input type="checkbox"/>	Jack Weight	▶ jweight@jke.t...	Weight	AP	Inactive	
<input type="checkbox"/>	John Davis	▶ jdavis@jke.test	Davis	TechSupport	Active	
<input type="checkbox"/>	John Wright	▶ jwright@jke.test	Wright	AP	Inactive	
<input type="checkbox"/>	Mack Brown	▶ mbrown@jke...	Brown	AP	Inactive	
<input type="checkbox"/>	Nisarg Prajapati	▶ NPrajapati@j...	Prajapati	JK Enterprises	Active	
<input type="checkbox"/>	Phil Lesh	▶ plesh@jke.test	Lesh	Finance	Active	
<input type="checkbox"/>	Robert Weir	▶ bweir@jke.test	Weir	Finance	Active	
<input type="checkbox"/>	Sue Thomas	▶ sthomas@jk...	Thomas	Finance	Active	
<input type="checkbox"/>	System Administrator	▶	Administrator	JK Enterprises	Active	
<input type="checkbox"/>	Tally Isham	▶ tisham@jke.test	Isham	Development	Active	
<input type="checkbox"/>	Victor Newman	▶ vnewman@jk...	Newman	Development	Active	
<input type="checkbox"/>	Vince Young	▶ vyoung@jke...	Young	Development	Active	
Page 1 of 1 Total: 19 Displayed: 19 Selected: 0						

Notice that the users are imported but marked as inactive. IBM Security Identity Manager marks the users inactive because they do not have a userPasssword attribute set in the source LDAP.

13. To activate each user, select the user and click Restore and then click Submit and then Click Close. Repeat these steps for each inactive users.

Create Change Delete Suspend Restore Transfer Refresh						
<input type="checkbox"/> Select	Name	E-mail Ad...	Last Name	Business ...	Status	
<input type="checkbox"/>	Alice Smyth	▶ asmyth@jke...	Smyth	Finance	Active	
<input type="checkbox"/>	Bob Smith	▶ bsmith@jke.test	Smith	WW	Active	
<input type="checkbox"/>	Brad Carlton	▶ bcarlton@jke...	Carlton	Development	Active	
<input type="checkbox"/>	Brent Midland	▶ bmidland@jk...	Midland	Finance	Active	
<input type="checkbox"/>	Dengo Goto	▶		AP	Inactive	
<input type="checkbox"/>	Erica Carr	▶		JK Enterprises	Active	
<input type="checkbox"/>	Graham Bell	▶		AP	Inactive	
<input type="checkbox"/>	Jack Weight	▶		AP	Inactive	
<input type="checkbox"/>	John Davis	▶		TechSupport	Active	
<input type="checkbox"/>	John Wright	▶		AP	Inactive	
<input type="checkbox"/>	Mack Brown	▶		AP	Inactive	
<input type="checkbox"/>	Nisarg Prajapati	▶		JK Enterprises	Active	
<input type="checkbox"/>	Phil Lesh	▶		Finance	Active	
<input type="checkbox"/>	Robert Weir	▶		Finance	Active	
<input type="checkbox"/>	Sue Thomas	▶		Finance	Active	
<input type="checkbox"/>	System Administrator	▶	Administrator	JK Enterprises	Active	
<input type="checkbox"/>	Tally Isham	▶ tisham@jke.test	Isham	Development	Active	
<input type="checkbox"/>	Victor Newman	▶ vnewman@jk...	Newman	Development	Active	
<input type="checkbox"/>	Vince Young	▶ vyoung@jke...	Young	Development	Active	

[Change](#)
[Delete](#)
[Change Passwords](#)
[Suspend](#)
[Restore](#)
[Delegate Activities...](#)
[Request Accounts...](#)
[Accounts...](#)
[Request Access...](#)
[Access...](#)
[Recertify...](#)

Page 1 of 1 Total: 19 Displayed: 19 Selected: 0

Restore Users

Manage Users > Restore Users > Success

You successfully submitted a request for **November 19, 2025 at 8:48 PM** to restore the following users

- **Dengo Goto**

You successfully submitted a request to restore all associated accounts.

Other Tasks

[View my request](#)

Close

<div> <div>Create</div> <div>Change</div> <div>Delete</div> <div>Suspend</div> <div>Restore</div> <div>Transfer</div> <div>Refresh</div> </div>						
<input type="checkbox"/> Select ^	Name ^	E-mail Ad... ^	Last Name ^	Business ... ^	Status ^	
<input type="checkbox"/>	Alice Smyth	▶ asmyth@jke...	Smyth	Finance	Active	
<input type="checkbox"/>	Bob Smith	▶ bsmith@jke.test	Smith	WW	Active	
<input type="checkbox"/>	Brad Carlton	▶ bcarlton@jke...	Carlton	Development	Active	
<input type="checkbox"/>	Brent Midland	▶ bmidland@jk...	Midland	Finance	Active	
<input type="checkbox"/>	Dengo Goto	▶ dgoto@jke.test	Goto	AP	Active	
<input type="checkbox"/>	Erica Carr	▶ ecarr@jke.test	Carr	JK Enterprises	Active	
<input type="checkbox"/>	Graham Bell	▶ gbell@jke.test	Bell	AP	Active	
<input type="checkbox"/>	Jack Weight	▶ jweight@jke.t...	Weight	AP	Active	
<input type="checkbox"/>	John Davis	▶ jdavis@jke.test	Davis	TechSupport	Active	
<input type="checkbox"/>	John Wright	▶ jwright@jke.test	Wright	AP	Active	
<input type="checkbox"/>	Mack Brown	▶ mbrown@jke...	Brown	AP	Active	
<input type="checkbox"/>	Nisarg Prajapati	▶ NPrajapati@j...	Prajapati	JK Enterprises	Active	
<input type="checkbox"/>	Phil Lesh	▶ plesh@jke.test	Lesh	Finance	Active	
<input type="checkbox"/>	Robert Weir	▶ bweir@jke.test	Weir	Finance	Active	
<input type="checkbox"/>	Sue Thomas	▶ sthomas@jk...	Thomas	Finance	Active	
<input type="checkbox"/>	System Administrator	▶	Administrator	JK Enterprises	Active	
<input type="checkbox"/>	Tally Isham	▶ tisham@jke.test	Isham	Development	Active	
<input type="checkbox"/>	Victor Newman	▶ vnewman@jk...	Newman	Development	Active	
<input type="checkbox"/>	Vince Young	▶ vyoung@jke...	Young	Development	Active	
Page 1 of 1		Total: 19 Displayed: 19 Selected: 0				

14. Close the Reconcile Now tab.

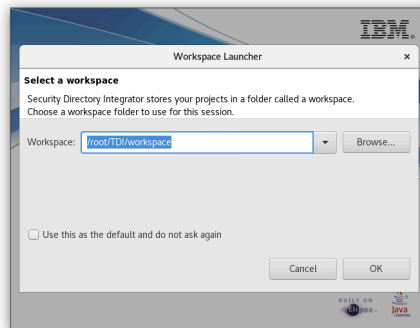
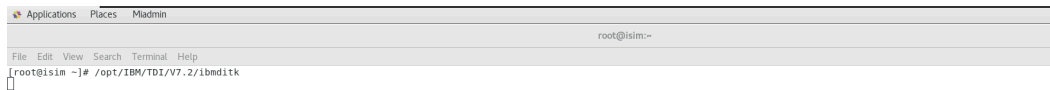
Exercise 4 : Creating a IBM Security Directory Integrator identity feed

In this exercise, you configure IBM Security Directory Integrator to provide an identity feed. You import an existing configuration file that includes the completed assemblyLines for the identity feed.

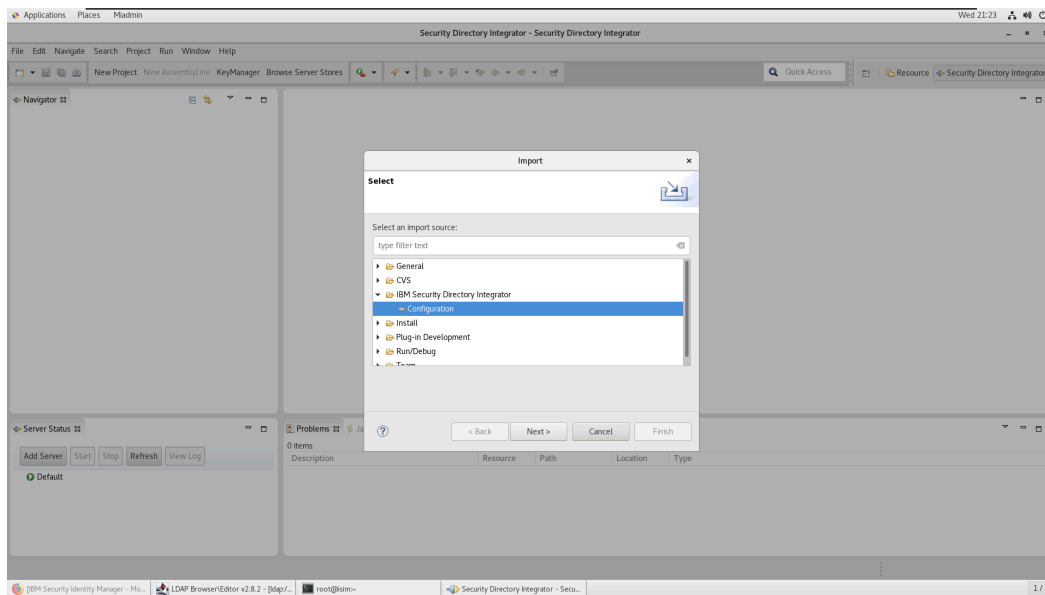
1. Launch the IBM Security Directory Integrator editor with the following command: Open the terminal and enter

```
/opt/IBM/TDI/V7.2/ibmditk
```

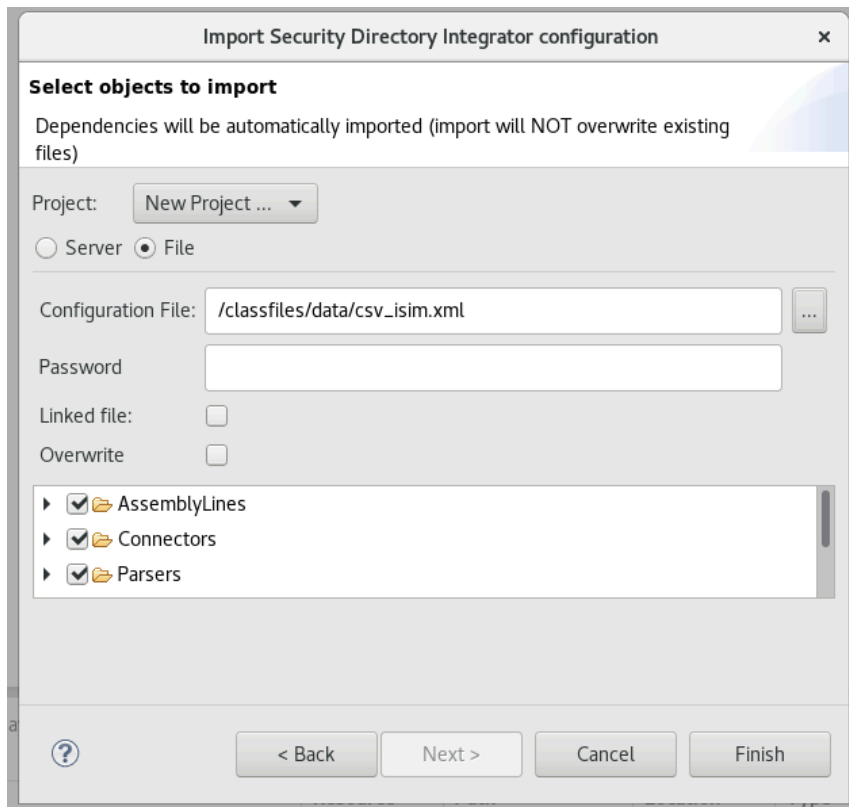
2. If you are prompted to select a workspace, accept the default location and click OK.



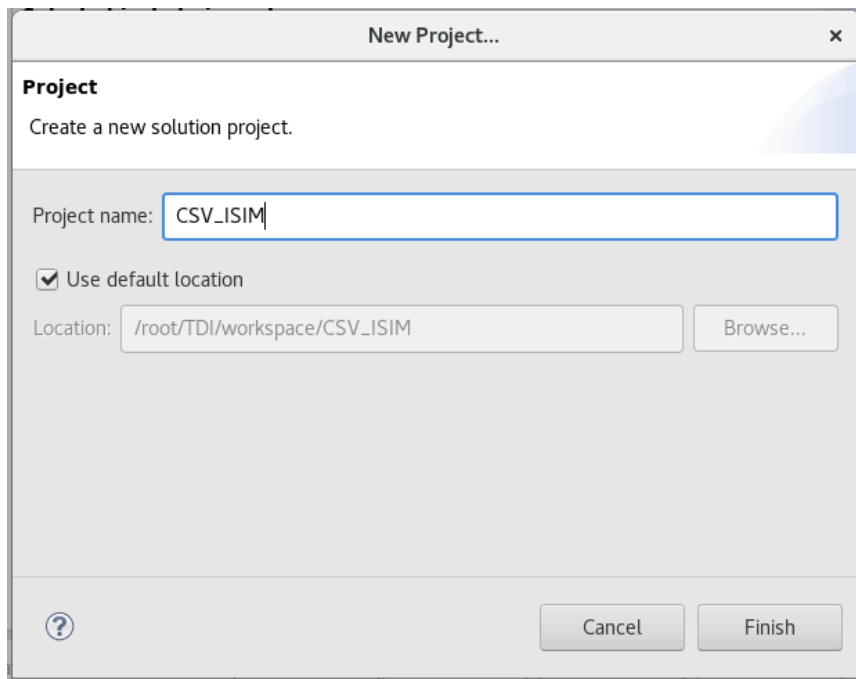
3. Import the pre-built configuration file by clicking File > Import. Select IBM Security Directory Integrator > Configuration and click Next.



4. Select File Radio Button. Use /classfiles/data/csv_isim.xml for the Configuration File. Click Finish



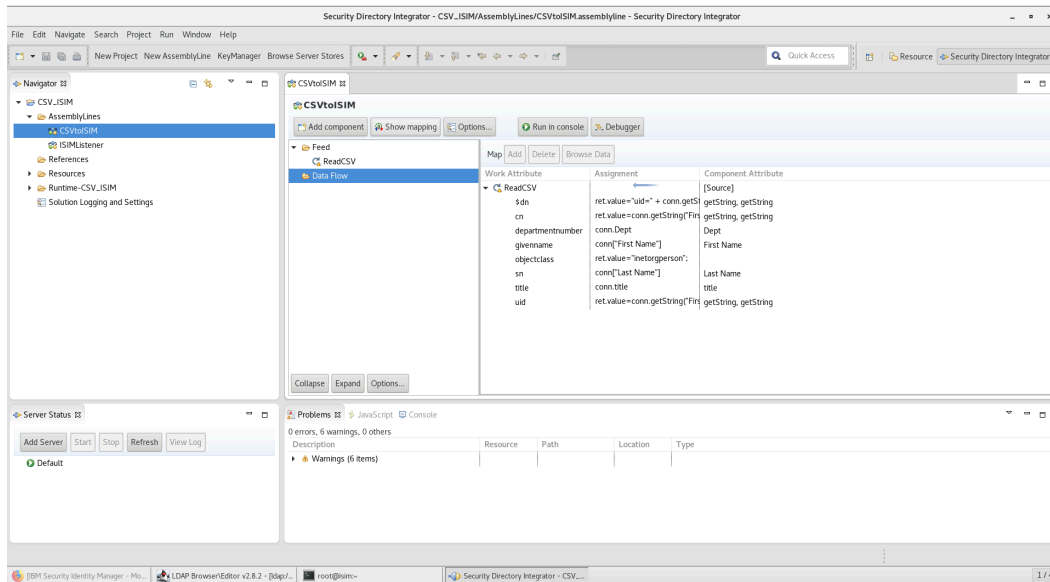
5. When prompted for the Project Name, use CSV_ISIM. Use the default location. Click Finish to create the project and finish the import.



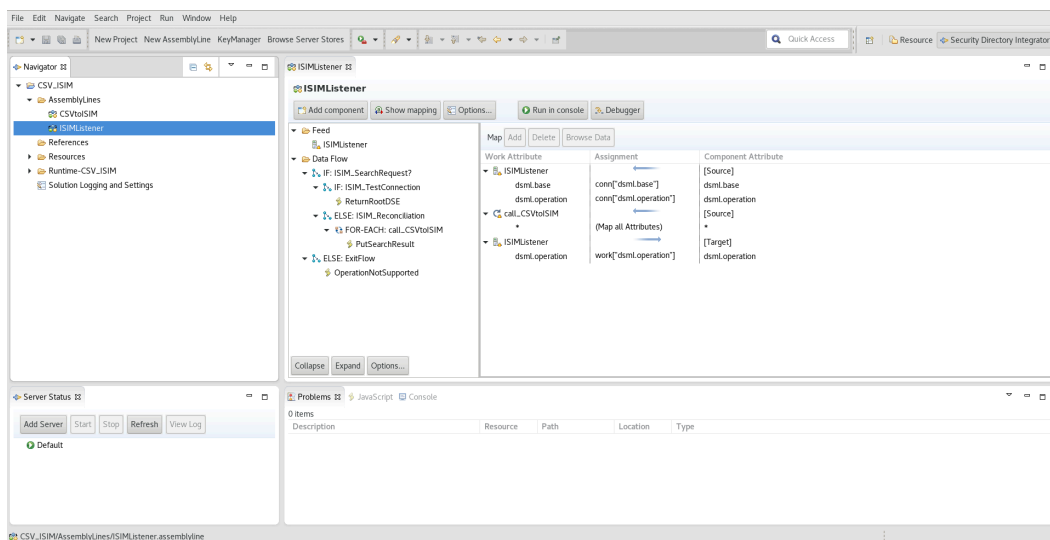
6. In the Navigator panel, expand CSV_ISIM > AssemblyLines to show the two assembly lines in the project.
7. Double-click CSVtoISIM to open the assemblyLine editor.

The CSVtoISIM assembly line reads records from the file /classfiles/data/people.csv and maps the values in each record to inetOrgPerson attributes that IBM Security Identity Manager can process.

8. Click Show Mapping to display the attribute mapping table.



9. The mapping table has three columns. The right column shows the attributes names from the source CSV file. The left column shows the inetOrgPerson attributes that are passed to IBM Security Identity Manager. The middle column shows the JavaScript that performs the mapping from the CSV attributes to the inetOrgPerson attributes.
10. Close the CSVtoISIM tab to close the CSVtoISIM assemblyLine.
11. Double-Click the ISIMListener AssemblyLine.



12. The ISIMListener is the primary assemblyLine in the configuration and listens for requests from IBM Security Identity Manager. The logic in the Data Flow section queries the request type from IBM Security Identity Manager. If the request is for a reconciliation, the ISIMListener assembly line calls the CSVtoISIM to read a record from the CSV file. The results from the CSVtoISIM assembly line are collected and then passed back to IBM Security Identity Manager.
13. Click Run in Console to start the assembly line. The assembly line initializes and waits for requests on port 8800.



14. The Assembly Line is running successfully when you see a message similar to the following:

Listening for DSML connections on port 8,800

You have now configured a IBM Security Directory Integrator identity feed that is listening for requests on port 8800. IBM Security Identity Manager connects to the IBM Security Directory Integrator identity feed through this port to load the people that are listed in the CSV file into the IBM Security Identity Manager organization tree.

Exercise 5 – Creating identities with a IBM Security Directory Integrator identity feed

In this exercise, you create an identity feed service to use the IBM Security Directory Integrator configuration you just started. You then run a reconciliation to load the users into IBM Security Identity Manager. This exercise demonstrates the importance of properly designing the placement rule for a service to match the fields in the identity feed. Errors can result when you add users to the wrong place in the organization tree, possibly provisioning unintended resources and entitlements.

1. Log in to the IBM Security Identity Manager Administrative Console as the system administrator with the user ID itim manager.
2. On the Home tab, go to Manage Services.
3. Click Create to add a new service.

Services

To perform a particular task on a service, click the icon next to the service name, and then select the task you want to perform.

4 results found for: *

Create Change Delete Export Access Data Import Access Data Enable Access Disable Access Refresh								
<input type="checkbox"/> Select	Stat...	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		DSML Identity Feed	Load Dev Team through DSML Feed	DSML Identity feed	Development			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP InetOrgPerson Identity Feed	LDAP Identity Feed	INetOrgPerson identity feed	JK Enterprises			
Page 1 of 1		Total: 4 Displayed: 4 Selected: 0						

4. Confirm that the Business unit is set to JK Enterprises. Select the IDI data feed type and click Next.

Create Service

Manage Services > Create a Service > Select the Type of Service

To create a new service, select the type of service that you want to create, and then click Next. If the type is a custom service type.

*Business unit
 JK Enterprises Search...

Select	Service Type	Description
<input type="radio"/>	AD OrganizationalPerson identity feed	Active Directory Identity Feed Service Profile
<input type="radio"/>	Comma Separated File (CSV) identity feed	CSV Identity Feed Service Profile
<input type="radio"/>	DSML identity feed	DSML Identity Feed Service Profile
<input type="radio"/>	Hosted service	No description provided
<input checked="" type="radio"/>	IDI data feed	IDI Data Feed Service Profile
<input type="radio"/>	INetOrgPerson identity feed	LDAP Identity Feed Service Profile
<input type="radio"/>	LDAP profile	LDAP service profile
<input type="radio"/>	POSIX AIX profile	AIX accounts service profile
<input type="radio"/>	POSIX HP-UX profile	HP-UX accounts service profile
<input type="radio"/>	POSIX Linux profile	Linux accounts service profile
<input type="radio"/>	POSIX Solaris profile	Solaris accounts service profile

Page 1 of 1 Total: 11 Displayed: 11 Selected: 1

5. Use the following information to complete the Create a Service form:

Create Service

✓ Select Type
⇒ Service Information

Manage Services > Create a Service > Service Information

To use a service, specify the name of the service and information to connect. Then, click Finish.

*Service name
IDI feed

Description

*URL
http://isim.test:8800/

User ID
itim manager

Password
••••••••

*Naming context
dc=IDIFeed

☐ Use workflow

☐ Evaluate separation of duty policy when workflow is used

*Name attribute
uid

Placement rule

```
var deptNum = entry.departmentnumber[0];
var placementLoc="ou=Finance";
if (deptNum == "Fin")
placementLoc="ou=Finance";
if (deptNum == "Supp")
placementLoc="ou=TechSupport";
if (deptNum == "Sales-Amer")
placementLoc="ou=Americas,ou=Sales";
```


< Back Next > Finish Cancel Test Connection

If you have problems with the exact syntax of the placement rule, the text for the JavaScript is in the file /classfiles/scripts/ IDI_placementrule.js. Open Terminal and type the command `gedit /classfiles/scripts/IDI_placementrule.js` to open the file in a graphical editor and you can copy the JavaScript and paste the into the Placement Rule field of the web browser.

- Click Test Connection to test the connection to the Server Connector. If the test connection fails, make sure that the assembly line is running.

Manage Services > Create a Service > Service Information

To use a service, specify the name of the service and information to connect to the server where the service resides. To test the connection to the service, click Test Connection.

 **CTGIMU108**
A connection was established to the specified service successfully.

Close Message

*Service name
IDI feed

7. Assuming a successful connection test, click Finish to submit the service definition.

Create Service

Manage Services > Create Service > Success

You successfully created the **TDI feed** service on the **IDI data feed** service type.

Other Tasks

Create another service

Close

8. Return to the Manage Services tab and click Refresh to view a list of services.
9. Click the small arrow to the right of TDI Feed and click Reconcile Now.

Create	Change	Delete	Export Access Data	Import Access Data	Enable Access	Disable Access	Refresh	
Sele	Stat...	Service Name	Description	Service T...	Business ...	Access Name	Access Status	Access Type
<input type="checkbox"/>		CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>		DSML Identity Feed	Load Dev Team through DSML Feed	DSML identity feed	Development			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP InetOrgPerson Identity Feed	LDAP Identity Feed	INetOrgPerson identity feed	JK Enterprises			
<input type="checkbox"/>		TDI feed		IDI data feed	JK Enterprises			
Page 1 of 1		Total	0					

Close

Change

Delete

Set Up Reconciliation

Reconcile Now

Reconcile Now

Manage Services > Reconcile Now > Success

You successfully submitted a reconciliation request to run immediately for **TDI feed** service.

Other Tasks

View my request

Close

Requests

To view the details for a request, click the request type.

11 requests were submitted by ITIM Manager between November 19, 2025 and November 19, 2025.

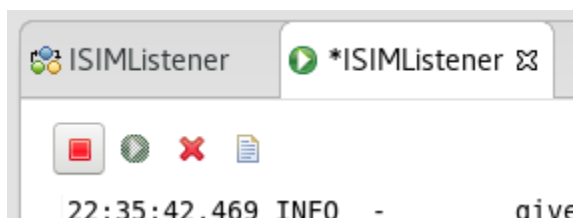
<input type="button" value="Cancel Request"/> <input type="button" value="Refresh"/>						
<input type="checkbox"/> Select ^	Status ^	Request Type ^	Date Submitted ^	Requestor ^	Requested for ^	Service Name ^
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 10:35:34 PM	System Administrator		TDI feed
	<input checked="" type="checkbox"/> Success	Restore User	November 19, 2025 9:00:12 PM	System Administrator	Mack Brown	
	<input checked="" type="checkbox"/> Success	Restore User	November 19, 2025 8:56:59 PM	System Administrator	John Wright	
	<input checked="" type="checkbox"/> Success	Restore User	November 19, 2025 8:54:49 PM	System Administrator	Jack Weight	
	<input checked="" type="checkbox"/> Success	Restore User	November 19, 2025 8:51:17 PM	System Administrator	Graham Bell	
	<input checked="" type="checkbox"/> Success	Restore User	November 19, 2025 8:50:59 PM	System Administrator	Dengo Goto	
	<input checked="" type="checkbox"/> Success	Restore User	November 19, 2025 8:48:54 PM	System Administrator	Dengo Goto	
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 8:27:19 PM	System Administrator		LDAP inetOrgPerson Identity Feed
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 7:25:10 PM	System Administrator		DSML Identity Feed
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 7:22:57 PM	System Administrator		DSML Identity Feed
	<input checked="" type="checkbox"/> Success	Reconciliation	November 19, 2025 6:38:57 PM	System Administrator		CSV Identity Feed
Page 1 of 1 Total: 11 Displayed: 11 Selected: 0						

10. To verify that the feed is successful, click Manage Users to confirm the identities are added to the correct organizational units and locations.

Manage Services						
Users						
To perform a particular task for a user, click the icon next to the name of the user, and then select the task that you wa						
45 results found for: *						
<input checked="" type="checkbox"/> Include individual accounts when suspending, restoring, or deleting users						
<div> <div>Create</div> <div>Change</div> <div>Delete</div> <div>Suspend</div> <div>Restore</div> <div>Transfer</div> <div>Refresh</div> </div>						
<input type="checkbox"/> Select	Name	E-mail Ad...	Last Name	Business ...	Status	
<input type="checkbox"/>	Frederick Saleph		Saleph	Americas	Active	
<input type="checkbox"/>	Ivan Ayom		Ayom	Americas	Active	
<input type="checkbox"/>	Nimrod Yosef		Yosef	Americas	Active	
<input type="checkbox"/>	Raphael Sanchez		Sanchez	Americas	Active	
<input type="checkbox"/>	Darla Bowmon		Bowmon	AP	Active	
<input type="checkbox"/>	Dengo Goto	dgoto@jke.test	Goto	AP	Active	
<input type="checkbox"/>	Graham Bell	gbell@jke.test	Bell	AP	Active	
<input type="checkbox"/>	Jack Weight	jweight@jke.t...	Weight	AP	Active	
<input type="checkbox"/>	John Wright	jwright@jke.test	Wright	AP	Active	
<input type="checkbox"/>	Mack Brown	mbrown@jke...	Brown	AP	Active	
<input type="checkbox"/>	Brad Carlton	bcarlton@jke...	Carlton	Development	Active	
<input type="checkbox"/>	Tally Isham	tisham@jke.test	Isham	Development	Active	
<input type="checkbox"/>	Victor Newman	vnewman@jk...	Newman	Development	Active	
<input type="checkbox"/>	Vince Young	vyoung@jke....	Young	Development	Active	
<input type="checkbox"/>	Francis Bacon		Bacon	EMEA	Active	
<input type="checkbox"/>	Ibrahim Ibn-Saud		Ibn-Saud	EMEA	Active	
<input type="checkbox"/>	Jacob Newton		Newton	EMEA	Active	
<input type="checkbox"/>	Tycho Braha		Braha	EMEA	Active	
<input type="checkbox"/>	Yusuf Hussein		Hussein	EMEA	Active	
<input type="checkbox"/>	Alice Smyth	asmyth@jke...	Smyth	Finance	Active	
<input type="checkbox"/>	Ban Kulin		Kulin	Finance	Active	
<input type="checkbox"/>	Barbara Greene		Greene	Finance	Active	
<input type="checkbox"/>	Bob Green		Green	Finance	Active	
<input type="checkbox"/>	Brent Midland	bmidland@ik...	Midland	Finance	Active	

Manage Services						
<input type="checkbox"/>	Tycho Braha		Braha	EMEA	Active	
<input type="checkbox"/>	Yusuf Hussein		Hussein	EMEA	Active	
<input type="checkbox"/>	Alice Smyth	asmyth@jke...	Smyth	Finance	Active	
<input type="checkbox"/>	Ban Kulin		Kulin	Finance	Active	
<input type="checkbox"/>	Barbara Greene		Greene	Finance	Active	
<input type="checkbox"/>	Bob Green		Green	Finance	Active	
<input type="checkbox"/>	Brent Midland	bmidland@jk...	Midland	Finance	Active	
<input type="checkbox"/>	Darcy Adam		Adam	Finance	Active	
<input type="checkbox"/>	Dave Bowman		Bowman	Finance	Active	
<input type="checkbox"/>	Douglas Adams		Adams	Finance	Active	
<input type="checkbox"/>	Edwin Abbott		Abbott	Finance	Active	
<input type="checkbox"/>	Phil Lesh	plesh@jke.test	Lesh	Finance	Active	
<input type="checkbox"/>	Robert Weir	bweir@jke.test	Weir	Finance	Active	
<input type="checkbox"/>	Sue Thomas	stthomas@jk...	Thomas	Finance	Active	
<input type="checkbox"/>	Erica Carr	ecarr@jke.test	Carr	JK Enterprises	Active	
<input type="checkbox"/>	Nisarg Prajapati	NPrajapati@j...	Prajapati	JK Enterprises	Active	
<input type="checkbox"/>	System Administrator		Administrator	JK Enterprises	Active	
<input type="checkbox"/>	Alfred Bedford		Bedford	TechSupport	Active	
<input type="checkbox"/>	Dianne Driver		Driver	TechSupport	Active	
<input type="checkbox"/>	Eustice Bags		Bags	TechSupport	Active	
<input type="checkbox"/>	Freddy Freeloader		Freeloader	TechSupport	Active	
<input type="checkbox"/>	John Davis	jdavis@jke.test	Davis	TechSupport	Active	
<input type="checkbox"/>	Manny Manheim		Manheim	TechSupport	Active	
<input type="checkbox"/>	Michael Salie		Salie	TechSupport	Active	
<input type="checkbox"/>	Prawat Pil		Pil	TechSupport	Active	
<input type="checkbox"/>	Shelly Shoemaker		Shoemaker	TechSupport	Active	
<input type="checkbox"/>	Williams Bond		Bond	TechSupport	Active	
<input type="checkbox"/>	Bob Smith	bsmith@jke.test	Smith	WW	Active	
Page 1 of 1 Total: 45 Displayed: 45 Selected: 0						
Close						

11. Return to the IBM Security Directory Integrator editor and click the red square icon to stop the assemblyLine.



12. Exit IBM Security Directory Integrator editor.