

Institute of Computer Technology
B. Tech Computer Science and Engineering

Sub: Identity and Access Management (2CSE507)

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Semester - 5

Class - A

Batch – 52

PRACTICAL NO:- 11

Aim : User management and Role management

Exercise 1 : Creating a Linux Service

In this exercise, you create a service in IBM Security Identity Manager to manage accounts and groups on a Linux system. You also create a default provisioning policy as part of the service creation process.

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.							
5 results found for: *							
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
		CSV Identity Feed	CSV Feed for finance users Comma Separated File (CSV) identity feed		Finance		
		DSML Identity Feed	Load Dev Team through DSML Feed	DSML identity feed	Development		
		ITIM Service		ITIM	JK Enterprises	Access Disabled	
		LDAP inetOrgPerson Identity Feed	LDAP Identity Feed INetOrgPerson identity feed	INetOrgPerson identity feed	JK Enterprises		
		TDI feed		IDI data feed	JK Enterprises		
Page 1 of 1		Total: 5	Displayed: 5	Selected: 0			

4. Wait for the list of services to appear. Ensure that the Business unit is set to JK Enterprises.
5. Select POSIX Linux profile and click Next.

Create Service

Select Type

To create a new service, select the type of service that you want to create, and then click Next. If the type 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 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 checked="" 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. Use the information in the following table to complete the Create a Service form (Keep other settings as it is) :

Create Service

<input checked="" type="checkbox"/> Select Type <input checked="" type="checkbox"/> General Information ↗ Additional Configuration Authentication Dispatcher Attributes Status and information Access Information Configure Policy Reconcile Supporting Data	Manage Services > Create a Service > General Information <small>To use a service, specify the name of the service and information to connect to the server where the Then, click Next.</small> <p>*Service name Linux Service</p> <p>Description Linux Service</p> <p>Tivoli Directory Integrator location rmi://isim.test:1099/ITDIDispatcher</p> <p>*Managed resource location isim.test</p> <p>Owner Bob Smith <input type="button" value="Search..."/> <input type="button" value="Clear"/></p> <p>Service prerequisite <input type="button" value="Search..."/> <input type="button" value="Clear"/></p>
<input type="button" value="< Back"/> <input type="button" value="Next >"/> <input type="button" value="Finish"/> <input type="button" value="Cancel"/> <input type="button" value="Test Connection"/>	

Create Service

<input checked="" type="checkbox"/> Select Type <input checked="" type="checkbox"/> General Information <input checked="" type="checkbox"/> Additional Configuration ↗ Authentication Dispatcher Attributes Status and information Access Information Configure Policy Reconcile Supporting Data	Manage Services > Create a Service > Additional Configuration <small>To use a service, specify the name of the service and information to connect to the server where the Then, click Next.</small> <p>RXA Internal Command TimeOut</p> <p><input type="checkbox"/> Delete home directory when the account is deleted?</p> <p><input checked="" type="checkbox"/> Use a shadow file?</p> <p><input type="checkbox"/> Return sudo privileges?</p> <p>Path to the sudoers file /etc/sudoers</p> <p>Command used to query failed logins pam_tally2</p> <p>File or directory where failed login records are found</p> <p>Maximum failed logins allowed</p>
<input type="button" value="< Back"/> <input type="button" value="Next >"/> <input type="button" value="Finish"/> <input type="button" value="Cancel"/> <input type="button" value="Test Connection"/>	

Create Service

<ul style="list-style-type: none"> ✓ Select Type ✓ General Information ✓ Additional Configuration ⇒ Authentication <ul style="list-style-type: none"> Dispatcher Attributes Status and information Access Information Configure Policy Reconcile Supporting Data 	<p>Manage Services > Create a Service > Authentication</p> <p>To use a service, specify the name of the service and information to connect to it. Then, click Next.</p> <p>*Administrator name root</p> <p><input checked="" type="checkbox"/> Is sudo user?</p> <p><input type="checkbox"/> Allow \$ in password</p> <p>Authentication method Password Based Authentication</p> <p>Password *****</p> <p>Passphrase (Required for key based authentication)</p> <p>Private key file (Required for key based authentication)</p>
<input type="button" value="< Back"/> <input type="button" value="Next >"/> <input type="button" value="Finish"/> <input type="button" value="Cancel"/> <input type="button" value="Test Connection"/>	

Create Service

<ul style="list-style-type: none"> ✓ Select Type ✓ General Information ✓ Additional Configuration ✓ Authentication ✓ Dispatcher Attributes ✓ Status and information ✓ Access Information ⇒ Configure Policy <ul style="list-style-type: none"> Reconcile Supporting Data 	<p>Manage Services > Create a Service > Configure Policy</p> <p>To make a service available to users, generate a policy and choose whether the policy will be used by all users or just specific ones.</p> <p>Generate a policy for all users?</p> <p><input checked="" type="radio"/> Yes, create a policy for manually requesting accounts</p> <p><input type="radio"/> Yes, create a policy to automatically create accounts, and later enable the policy</p> <p><input type="radio"/> Yes, create a policy to automatically create accounts as soon as the policy exists</p> <p><input type="radio"/> No, I will manually configure a policy later</p>
<input type="button" value="< Back"/> <input type="button" value="Next >"/> <input type="button" value="Finish"/> <input type="button" value="Cancel"/>	

Create Service

<ul style="list-style-type: none"> ✓ Select Type ✓ General Information ✓ Additional Configuration ✓ Authentication ✓ Dispatcher Attributes ✓ Status and information ✓ Access Information ✓ Configure Policy <p>⇒ Reconcile Supporting Data</p>	<p>Manage Services > Create a Service > Reconcile Supporting Data</p> <p>Supporting data includes service group information and does not include user account or schedule and then click Next. Please note that all times are specified according to the local time zone.</p> <p><input type="checkbox"/> Perform a supporting data reconciliation now</p> <p>Schedule supporting data reconciliation</p> <p><input checked="" type="radio"/> Daily <input type="radio"/> Weekly <input type="radio"/> Monthly <input type="radio"/> Hourly <input type="radio"/> Annually <input type="radio"/> During a specific month <input type="radio"/> Never</p> <p>At this time <input type="text" value="12:00 AM"/> </p>
<input type="button" value="< Back"/> <input type="button" value="Next >"/> <input type="button" value="Finish"/> <input type="button" value="Cancel"/>	

7. Click Finish to create the service.
8. Verify that the Linux Service was added.

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.

6 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"/>	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"/>	Linux Service		Linux Service	POSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application	
<input type="checkbox"/>	TDI feed			IDI data feed	JK Enterprises				

Page 1 of 1 | Total: 6 Displayed: 6 Selected: 0

Exercise 2 : Creating an identity policy

The default identity policy for IBM Security Identity Manager returns login account names that are based on the user's preferred user ID. If the login account name is already in use, the default policy appends a number in order to make the login account name unique. In this exercise, you create a new identity policy that returns a user name that only uses the first 6 characters of the preferred user ID. Your new identity policy is associated with the Service you created.

1. On the Home tab, navigate to Manage Policies > Manage Identity Policies.

The screenshot shows two parts of the IBM Security Identity Manager interface. The top part is a navigation menu titled 'IBM Security Identity Manager' with tabs for 'Home' and 'Manage Services'. Below it is a section titled 'ITIM Manager: My Work' containing links like 'Home', 'Change Passwords', 'Manage Roles', etc. A 'Manage Policies' section is expanded, showing 'Manage Adoption Policies', 'Manage Identity Policies' (which is highlighted with a dark gray background), 'Manage Password Policies', 'Manage Provisioning Policies', 'Manage Service Selection Policies' (which is also highlighted), 'Manage Recertification Policies', and 'Manage Separation of Duty Policies'. Below this are sections for 'Design Workflows', 'Set System Security', 'Reports', 'Configure System', 'View Requests', 'Manage Activities', 'About', and 'Log Out'. The bottom part is a detailed view of 'Manage Identity Policies' with a sub-section 'Work With Identity Policies'. It includes a search bar for 'Search by' (with radio buttons for 'Identity policy', 'Service', and 'Business unit'), a 'Search' button, and a 'Search information' input field. Below this is a table header for 'Identity Policies' with columns for 'Create', 'Change', 'Delete', 'Select', 'Identity Policy Name', 'Description', 'User Type', 'Status', 'Targets', and 'Business ...'. The table body shows a single row with the status 'Total: 0 Displayed: 0 Selected: 0'. At the bottom left is a 'Close' button.

2. Create a new identity policy with the following information:

Manage Identity Policies

<ul style="list-style-type: none"> *General *Targets *Rule 	<p>Manage Policies > Manage Identity Policies > General</p> <p>Type the name of the identity policy and a brief description. Also, select a business unit and the enable or disable the policy. Then, click OK.</p> <p>*Name Linux Identity Policy</p> <p>Caption <input type="text"/></p> <p>Description Identity Policy for Linux Service</p> <p>Keywords <input type="text"/></p> <p>Status <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled </p> <p>User type <input type="button" value="Person"/> </p> <p>Make policy available to services in <input checked="" type="radio"/> This business unit and its subunits <input type="radio"/> This business unit only </p> <p>*Business unit JK Enterprises <input type="button" value="Search..."/></p>
<input type="button" value="OK"/> <input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

Manage Identity Policies

<ul style="list-style-type: none"> *General *Targets *Rule 	<p>Manage Policies > Manage Identity Policies > Targets</p> <p>You can add or remove targets that are associated with the identity policy. Select the target in the table, and click Add or Remove.</p> <p><input type="checkbox"/> All service types</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Add...</th> <th>Remove...</th> <th>Select</th> <th>Service Name</th> <th>Description</th> <th>Service Type</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td><input type="checkbox"/></td> <td>Linux Service</td> <td>Linux Service</td> <td>POSIX Linux profile</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 1 Displayed: 1 Selected: 0</p>	Add...	Remove...	Select	Service Name	Description	Service Type			<input type="checkbox"/>	Linux Service	Linux Service	POSIX Linux profile
Add...	Remove...	Select	Service Name	Description	Service Type								
		<input type="checkbox"/>	Linux Service	Linux Service	POSIX Linux profile								
<input type="button" value="OK"/> <input type="button" value="Apply"/> <input type="button" value="Cancel"/>													

- In the Rule section, select the first attribute to be Preferred user ID. Set the Character limit to 6 and set Apply case to Lower case.

Manage Policies > Manage Identity Policies > Rule

To define an identity policy rule, either specify a simple rule using schema attributes, or an advanced attributes used to create a user ID, and then click OK. A blank value for a character limit specifies the new user ID.

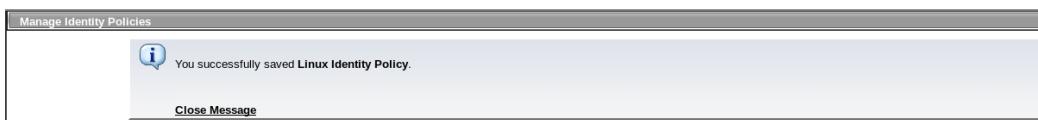
Input mode
 Simple - define rule
 Advanced - define script

First attribute
 Preferred user ID Character limit 6 Apply case Lower case

Second attribute Character limit Apply case Lower case

OK Apply Cancel

- Click Apply.



- Click OK to submit the new identity policy.

Manage Services > Manage Identity Policies > Success

You successfully saved identity policy **Linux Identity Policy** for the following targets:

- Linux Service

Other Tasks

[Manage identity policies for additional services](#)

[Close](#)

You test this identity policy in a later exercise.

Exercise 3 : Creating a password policy

In this exercise, you create a password policy that requires passwords for the Linux Service to be at least four characters long.

1. On the Home tab, navigate to Manage Policies > Manage Password Policies.

The screenshot shows the 'Manage Password Policies' interface. At the top, there's a search bar with 'Search by' options: 'Password policy name' (selected), 'Service', and 'Business unit'. Below the search bar is a 'Search information' input field and a 'Search' button. The main area is titled 'Password Policies' and contains a message: 'You can add, change, or delete password policies. Select the policy in the table, and then click the appropriate button.' Below this is a table header with columns: Create, Change, Delete, Select, Password policy ..., Description..., Status, Targets, Business The table shows 'Total: 0' and 'Displayed: 0 Selected: 0'. At the bottom left is a 'Close' button.

2. Create a new password policy with the following information.

The screenshot shows the 'General' tab of the 'Manage Password Policies' dialog box. The left sidebar lists tabs: *General (selected), *Targets, and Rules. The right panel has a title 'Manage Policies > Manage Password Policies > General'. It contains fields for Name (Linux Password Policy), Description (Password policy for Linux Service), and Keywords. Under 'Business unit', 'JK Enterprises' is selected. There are also sections for 'Make policy available to services in' (with radio buttons for 'This business unit and its subunits' and 'This business unit only'), 'Status' (Enabled selected), and buttons for OK, Apply, and Cancel.

Manage Password Policies

<ul style="list-style-type: none"> + General + Targets Rules 	<p>Manage Policies > Manage Password Policies > Targets</p> <p>You can add or remove targets that are associated with the password policy. Select the target in the table, and indicate this is a wild card policy.</p> <p><input type="checkbox"/> All service types</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Select</th> <th>Service Name</th> <th>Description</th> <th>Service Type</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Linux Service</td> <td>Linux Service</td> <td>POSIX Linux profile</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 1 Displayed: 1 Selected: 0</p>	Select	Service Name	Description	Service Type	<input type="checkbox"/>	Linux Service	Linux Service	POSIX Linux profile
Select	Service Name	Description	Service Type						
<input type="checkbox"/>	Linux Service	Linux Service	POSIX Linux profile						

OK | Apply | Cancel

Manage Password Policies

<ul style="list-style-type: none"> + General + Targets Rules 	<p>Manage Policies > Manage Password Policies > Rules</p> <p>To define the rules for the password policy, type the settings for the password rules that you want to define, and then click OK.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Password Rule</th> <th style="text-align: left;">Setting</th> </tr> </thead> <tbody> <tr> <td>Minimum length</td> <td><input type="text" value="4"/></td> </tr> <tr> <td>Maximum length</td> <td><input type="text"/></td> </tr> <tr> <td>Maximum repeated characters</td> <td><input type="text"/></td> </tr> <tr> <td>Minimum unique characters</td> <td><input type="text"/></td> </tr> <tr> <td>Minimum alphabetic characters</td> <td><input type="text"/></td> </tr> <tr> <td>Minimum numeric characters</td> <td><input type="text"/></td> </tr> <tr> <td>Characters not allowed</td> <td><input type="text"/></td> </tr> <tr> <td>Required characters</td> <td><input type="text"/></td> </tr> <tr> <td>Restricted to characters</td> <td><input type="text"/></td> </tr> <tr> <td>Starts with characters</td> <td><input type="text"/></td> </tr> <tr> <td>Repeated history length</td> <td><input type="text"/></td> </tr> <tr> <td>Reversed history length</td> <td><input type="text"/></td> </tr> <tr> <td>Disallow user name</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Disallow user name(with Case-Insensitivity)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Disallow user ID</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Disallow user ID(with Case-Insensitivity)</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Passwords must contain characters from three of the following four categories:</td> <td><input type="checkbox"/></td> </tr> <tr> <td> 1 Uppercase letter A through Z</td> <td></td> </tr> <tr> <td> 2 Lowercase letter a through z</td> <td></td> </tr> <tr> <td> 3 Number 0 through 9</td> <td></td> </tr> <tr> <td> 4 Nonalphanumeric characters: ~!@#\$%^&*_-+= \^{}<,.?/</td> <td></td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 17 Displayed: 17</p>	Password Rule	Setting	Minimum length	<input type="text" value="4"/>	Maximum length	<input type="text"/>	Maximum repeated characters	<input type="text"/>	Minimum unique characters	<input type="text"/>	Minimum alphabetic characters	<input type="text"/>	Minimum numeric characters	<input type="text"/>	Characters not allowed	<input type="text"/>	Required characters	<input type="text"/>	Restricted to characters	<input type="text"/>	Starts with characters	<input type="text"/>	Repeated history length	<input type="text"/>	Reversed history length	<input type="text"/>	Disallow user name	<input type="checkbox"/>	Disallow user name(with Case-Insensitivity)	<input type="checkbox"/>	Disallow user ID	<input type="checkbox"/>	Disallow user ID(with Case-Insensitivity)	<input type="checkbox"/>	Passwords must contain characters from three of the following four categories:	<input type="checkbox"/>	1 Uppercase letter A through Z		2 Lowercase letter a through z		3 Number 0 through 9		4 Nonalphanumeric characters: ~!@#\$%^&*_-+= \^{}<,.?/	
Password Rule	Setting																																												
Minimum length	<input type="text" value="4"/>																																												
Maximum length	<input type="text"/>																																												
Maximum repeated characters	<input type="text"/>																																												
Minimum unique characters	<input type="text"/>																																												
Minimum alphabetic characters	<input type="text"/>																																												
Minimum numeric characters	<input type="text"/>																																												
Characters not allowed	<input type="text"/>																																												
Required characters	<input type="text"/>																																												
Restricted to characters	<input type="text"/>																																												
Starts with characters	<input type="text"/>																																												
Repeated history length	<input type="text"/>																																												
Reversed history length	<input type="text"/>																																												
Disallow user name	<input type="checkbox"/>																																												
Disallow user name(with Case-Insensitivity)	<input type="checkbox"/>																																												
Disallow user ID	<input type="checkbox"/>																																												
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2 Lowercase letter a through z																																													
3 Number 0 through 9																																													
4 Nonalphanumeric characters: ~!@#\$%^&*_-+= \^{}<,.?/																																													

OK | Apply | Cancel

- Click OK to submit the new password policy.

Manage Password Policies

Manage Policies > Manage Password Policies > Success

The **Linux Password Policy** password policy was successfully saved.

Other Tasks

[Manage other password policies](#)

[Manage services and the accounts for those services](#)

Close

You test this password policy in a future exercise.

Exercise 4 : Running a reconciliation on Linux

In this exercise, you set up a reconciliation schedule and run a reconciliation for the Linux Service. After the reconciliation is completed, you see the Linux service accounts in IBM Security Identity Manager. You do not see accounts provisioned to users because the default provisioning policy for Linux was created in disabled mode. In a later unit, you attach roles to this policy and provision users.

Task 1. Setting up a reconciliation schedule

1. On the Home tab, you go to Manage Services.
2. Click Search to refresh the list. Click the small arrow to the right of Linux Service and click Set Up Reconciliation.

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.

6 results found for: *

<input type="checkbox"/>	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 identity feed	Development			
<input type="checkbox"/>		ITIM Service		ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP inetOrgPerson Identity Feed		inetOrgPerson entity feed	JK Enterprises			
<input type="checkbox"/>		Linux Service		OSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>		TDI feed		I data feed	JK Enterprises			

Page 1 of 1 | Total

Actions for Linux Service:

- Change
- Delete
- Set Up Reconciliation
- Configure Policy Enforcement...
- Manage Groups...
- Request Accounts...
- Accounts...
- Customize Account Form...
- Delete Account Form...
- Account Recertification Status...
- Account Defaults...
- Reconcile Now
- Enforce Policy
- Retry Blocked Requests

Buttons:

- Close

3. A reconciliation schedule is automatically created by the Create Service wizard. Click the link for Reconciliation Schedule for Linux Service to edit it.

Set Up Account Reconciliation

Manage Services > Set Up Account Reconciliation > Manage Schedules

To manage a reconciliation schedule for the **Linux Service** service, select the schedule and then select the task that you want to perform.

<input type="button" value="Create"/>	<input type="button" value="Change"/>	<input type="button" value="Delete"/>	Schedule	Description
Select	Name			
<input type="checkbox"/>	Reconciliation Schedule for Linux Service	Daily: Hour:0 Minute:0	Default Reconciliation Created By Create Service Wizard	
Page 1 of 1		Total: 1	Displayed: 1	Selected: 0

Policy Checking

Specify whether a policy evaluates the accounts that reconciliation returns, and then click OK.

Check policy during reconciliation

Yes
 No

4. Modify the schedule for this reconciliation to run Daily at 4:00 p.m.

Set Up Account Reconciliation

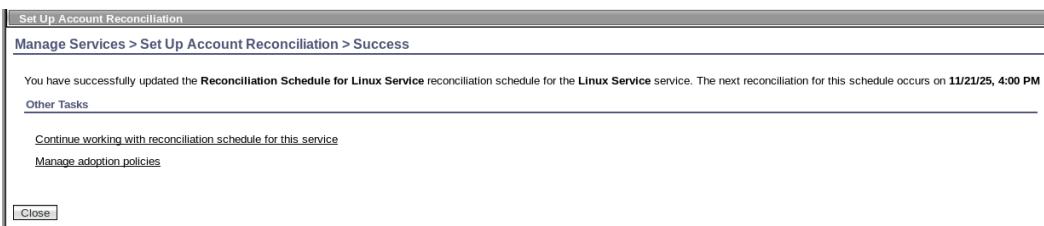
Manage Services > Set Up Account Reconciliation > Schedule

To schedule a reconciliation for the **Linux Service** service, select the frequency and monthly schedule, selecting 29, 30, 31 results in the last day rule for February, April

<ul style="list-style-type: none"> *General Schedule Query 	<p>At this time</p> <p>4:00 PM <input type="button" value="Clock"/></p>
--	--

Daily
 Weekly
 Monthly
 Hourly
 Annually
 During a specific month

- Click OK to submit this change.



Task 2. Running an initial reconciliation

- Return to Manage Services.
- Click the small arrow to the right of Linux Service and click Reconcile Now. Select None for Query when prompted, and submit the request.

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.

6 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"/>	DSML Identity Feed	Load Dev Team through	DSML identity feed	Development				
	<input type="checkbox"/>	ITIM Service	Change	IM	JK Enterprises		Access Disabled		
	<input type="checkbox"/>	LDAP	Delete	inetOrgPerson entity feed	JK Enterprises				
	<input type="checkbox"/>	inetOrgPerson Identity Feed	Set Up Reconciliation	DSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application	
	<input type="checkbox"/>	Linux Service	Configure Policy Enforcement...	I data feed	JK Enterprises				
	<input type="checkbox"/>	TDI feed	Manage Groups...						
	<input type="checkbox"/>		Request Accounts...						
	<input type="checkbox"/>		Accounts...						
	<input type="checkbox"/>		Customize Account Form...						
	<input type="checkbox"/>		Delete Account Form...						
	<input type="checkbox"/>		Account Recertification Status...						
	<input type="checkbox"/>		Account Defaults...						
	<input type="checkbox"/>		Reconcile Now						
	<input type="checkbox"/>		Enforce Policy						
	<input type="checkbox"/>		Retry Blocked Requests						

Page 1 of 1 | Total

Reconcile Now

Manage Services > Reconcile Now > Select Query

Select or define a query for reconciliation of the **Linux Service** service. For more information, see the documentation for LDAPv3.

Query

None

Use query from existing schedule

Define query

Submit **Cancel**

Reconcile Now

Manage Services > Reconcile Now > Success

You successfully submitted a reconciliation request to run imm

Other Tasks

[View the status of the reconciliation request](#)

[Close](#)

3. View the status of the reconciliation request. Refresh the list after a few moments if the status is pending.

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			
<input type="checkbox"/>		Linux Service	Linux Service	POSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>		TDI feed		IDI data feed	JK Enterprises			

Page 1 of 1 | Total: 6 Displayed: 6 Selected: 0

4. Close Reconcile Now Tab.

Task 3. Review Account list

1. to Manage Services
2. Click the small arrow to the right of Linux Service and click Accounts.

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.

6 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"/>		DSML Identity Feed	Load Dev Team through	DSML Identity feed	Development			
<input type="checkbox"/>		ITIM Service	Change Delete Set Up Reconciliation Configure Policy Enforcement... Manage Groups... Request Accounts...	ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP inetOrgPerson Identity Feed	etOrgPerson entity feed	JK Enterprises				
<input type="checkbox"/>		Linux Service	OSIX Linux file	JK Enterprises	Linux Service	Access Enabled	Application	
<input type="checkbox"/>		TDI feed	Customize Account Form... Delete Account Form... Account Recertification Status... Account Defaults... Reconcile Now Enforce Policy Retry Blocked Requests	JK Enterprises				

Page 1 of 1 | Total 6

[Close](#)

3. Click Search to display all the accounts that are found by the reconciliation.

Manage Accounts

Accounts

To perform a particular task on an account, click the icon next to the name of the user ID, and then select the task you want to perform.

52 results found for: *

	Request...	Change	Delete	Suspend	Restore	Assign to User	Refresh
S	State	User ID	Owner	Ownership Type	Status		
<input type="checkbox"/>		abrt	▶ None	None	Inactive		
<input type="checkbox"/>		adm	▶ None	None	Active		
<input type="checkbox"/>		avahi	▶ None	None	Inactive		
<input type="checkbox"/>		bin	▶ None	None	Active		
<input type="checkbox"/>		chrony	▶ None	None	Inactive		
<input type="checkbox"/>		colord	▶ None	None	Inactive		
<input type="checkbox"/>		daemon	▶ None	None	Active		
<input type="checkbox"/>		db2admin	▶ None	None	Active		
<input type="checkbox"/>		db2fenc1	▶ None	None	Active		
<input type="checkbox"/>		dbus	▶ None	None	Inactive		
<input type="checkbox"/>		ftp	▶ None	None	Active		
<input type="checkbox"/>		games	▶ None	None	Active		
<input type="checkbox"/>		gdm	▶ None	None	Inactive		
<input type="checkbox"/>		geoclue	▶ None	None	Inactive		
<input type="checkbox"/>		gluster	▶ None	None	Inactive		
<input type="checkbox"/>		gnome-initial-setup	▶ None	None	Inactive		
<input type="checkbox"/>		halt	▶ None	None	Active		
<input type="checkbox"/>		idsldap	▶ None	None	Inactive		
<input type="checkbox"/>		idsldap1	▶ None	None	Active		
<input type="checkbox"/>		isimldap	▶ None	None	Active		
<input type="checkbox"/>		itimuser	▶ None	None	Active		
<input type="checkbox"/>		libstoragemgmt	▶ None	None	Inactive		
<input type="checkbox"/>		lp	▶ None	None	Active		
<input type="checkbox"/>		mail	▶ None	None	Active		
<input type="checkbox"/>		nfsnobody	▶ None	None	Inactive		
<input type="checkbox"/>		nisarg1	▶ None	None	Active		
<input type="checkbox"/>		nisarg2	▶ None	None	Active		
<input type="checkbox"/>		nobody	▶ None	None	Active		

Manage Accounts				
<input type="checkbox"/>	<u>isimldap</u>	▶ None	None	Active
<input type="checkbox"/>	<u>itimuser</u>	▶ None	None	Active
<input type="checkbox"/>	<u>libstoragemgmt</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>lp</u>	▶ None	None	Active
<input type="checkbox"/>	<u>mail</u>	▶ None	None	Active
<input type="checkbox"/>	<u>nfsnobody</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>nisarg1</u>	▶ None	None	Active
<input type="checkbox"/>	<u>nisarg2</u>	▶ None	None	Active
<input type="checkbox"/>	<u>nobody</u>	▶ None	None	Active
<input type="checkbox"/>	<u>ntp</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>operator</u>	▶ None	None	Active
<input type="checkbox"/>	<u>polkitd</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>postfix</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>pulse</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>gemu</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>radvd</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>root</u>	▶ None	None	Active
<input type="checkbox"/>	<u>rpc</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>rpcuser</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>rtkit</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>saned</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>saslauth</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>setroubleshoot</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>shutdown</u>	▶ None	None	Active
<input type="checkbox"/>	<u>sshd</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>sssd</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>sync</u>	▶ None	None	Active
<input type="checkbox"/>	<u>systemd-network</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>tcpdump</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>tss</u>	▶ None	None	Inactive
<input type="checkbox"/>	<u>tushar</u>	▶ None	None	Active

Page 1 of 2 | 1 | Total: 52 Displayed: 50 Selected: 0

4. Close the Manage Accounts tab.

Exercise 5 : Creating a system person

IBM Security Identity Manager discovered many existing system accounts during reconciliation. In this exercise, you create a system user to own all the system accounts on the Linux Service.

1. On the Home tab, you go to Manage Users.

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.

45 results found for: *

Include individual accounts when suspending, restoring, or deleting users

<input type="checkbox"/>	Name	E-mail Ad...	Last Name	Business ...	Status
<input type="checkbox"/>	Alfred Bedford		Bedford	TechSupport	Active
<input type="checkbox"/>	Alice Smyth	asmith@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"/>	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"/>	Darcy Adam		Adam	Finance	Active
<input type="checkbox"/>	Darla Bowmon		Bowmon	AP	Active
<input type="checkbox"/>	Dave Bowman		Bowman	Finance	Active
<input type="checkbox"/>	Dengo Goto	dgoto@jke.test	Goto	AP	Active
<input type="checkbox"/>	Dianne Driver		Driver	TechSupport	Active
<input type="checkbox"/>	Douglas Adams		Adams	Finance	Active
<input type="checkbox"/>	Edwin Abbott		Abbott	Finance	Active
<input type="checkbox"/>	Erica Carr	ecarr@jke.test	Carr	JK Enterprises	Active

2. Click Create to add a new Person entry to the JK Enterprises business unit:

Create User

Manage Users > Create User > Select User Type

Select a business unit and the type of user to create and click Continue. The types of user:

*Business unit
JK Enterprises

Select User type

<input checked="" type="radio"/>	Person
<input type="radio"/>	Business partner person

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

Create User

*Personal Information	
Business Information	Manage Users > Create User > Personal Information
Contact Information	To create a new user, type information about the user in the fields. When you
Assignment Attributes	
<p>*Last name System-Accounts</p> <p>*Full name Linux System-Accounts</p> <p>*Preferred user ID linuxsystemaccounts</p> <p>First name Linux</p> <p>Initials <input type="text"/></p> <p>Home address <input type="text"/></p> <p>Shared secret <input type="text"/></p> <p>Organizational roles <input type="text"/> <input type="button" value="Add"/></p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="button" value="Search..."/> <input type="button" value="Delete"/> </div>	
<input type="button" value="Continue"/> <input type="button" value="Cancel"/>	

Create User

Manage Users > Create User > Create a New Password

To specify a password for the account, select whether you want to have the s conform to the password strength rules for the account.

Generate a password for me
 Allow me to type a password

Password

Confirm Password

[► View password strength rules](#)

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date 11/20/2025	Time 8:05 PM
--------------------	-----------------

Exercise 6 : Adopting accounts manually

In this exercise, you grant ownership of an account to the Linux System-Accounts person.

1. Return to the Manage Services tab.
2. Click the small arrow to the right of Linux Service and click Accounts.

The screenshot shows a table of services with columns: Create, Change, Delete, Export Access Data, Import Access Data, Enable Access, Disable Access, Refresh, Select, Stat..., Service Name, Description, Service Type, Business..., Access Name, Access Status, and Access Type. A context menu is open over the 'Linux Service' row, specifically over the 'Accounts...' option. The menu items are: Accounts..., Customize Account Form..., Delete Account Form..., Account Recertification Status..., Account Defaults..., Reconcile Now, Enforce Policy, and Retry Blocked Requests. The 'Accounts...' item is highlighted with a blue selection bar.

3. Refresh the list. Click the small arrow to the right of the nobody account and click Assign to User. Assign nobody to the Linux System-Accounts user you created in the previous exercise.

The screenshot shows a table of accounts with columns: Select, Name, Role, Status, and Inactive. The 'nobody' account has a context menu open with options: Assign to User..., Delete, and Suspend. The 'Assign to User...' option is highlighted with a blue selection bar.

4. Refresh the accounts list and verify that Linux System-Accounts is now the owner of nobody. Close Manage Accounts Tab.

Assign Account					
<input type="radio"/>	Freddy Freeloader		Freeloader	TechSupport	Active
<input type="radio"/>	Frederick Saleph		Saleph	Americas	Active
<input type="radio"/>	Graham Bell	gbell@jke.test	Bell	AP	Active
<input type="radio"/>	Ibrahim Ibn-Saud		Ibn-Saud	EMEA	Active
<input type="radio"/>	Ivan Ayom		Ayom	Americas	Active
<input type="radio"/>	Jack Weight	jweight@jke.t...	Weight	AP	Active
<input type="radio"/>	Jacob Newton		Newton	EMEA	Active
<input type="radio"/>	John Davis	jdavis@jke.test	Davis	TechSupport	Active
<input type="radio"/>	John Wright	jwright@jke.test	Wright	AP	Active
<input checked="" type="radio"/>	Linux System-Accounts		System-Accounts	JK Enterprises	Active
<input type="radio"/>	Mack Brown	mbrown@jke...	Brown	AP	Active
<input type="radio"/>	Manny Manheim		Manheim	TechSupport	Active
<input type="radio"/>	Michael Salie		Salie	TechSupport	Active
<input type="radio"/>	Nimrod Yosef		Yosef	Americas	Active
<input type="radio"/>	Nisarg Prajapati	NPrajapati@j...	Prajapati	JK Enterprises	Active
<input type="radio"/>	Phil Lesh	plesh@jke.test	Lesh	Finance	Active
<input type="radio"/>	Prawat Pil		Pil	TechSupport	Active
<input type="radio"/>	Raphael Sanchez		Sanchez	Americas	Active
<input type="radio"/>	Robert Weir	bweir@jke.test	Weir	Finance	Active
<input type="radio"/>	Shelly Shoemaker		Shoemaker	TechSupport	Active
<input type="radio"/>	Sue Thomas	sthomas@jke...	Thomas	Finance	Active
<input type="radio"/>	System Administrator		Administrator	JK Enterprises	Active
<input type="radio"/>	Tally Isham	tisham@jke.test	Isham	Development	Active
<input type="radio"/>	Tycho Braha		Braha	EMEA	Active
<input type="radio"/>	Victor Newman	vnewman@jke...	Newman	Development	Active
<input type="radio"/>	Vince Young	vyoung@jke....	Young	Development	Active
<input type="radio"/>	Williams Bond		Bond	TechSupport	Active
<input type="radio"/>	Yusuf Hussein		Hussein	EMEA	Active

Page 1 of 1

Total: 46 Displayed: 46 Selected: 1

Assign Account

Manage Services > Assign Account > Confirm

⚠ You have chosen to assign the following accounts:

- nobody

on the **Linux Service** service to the user **Linux System-Accounts**.

Are you sure you want to proceed?

Assign Account

Manage Services > Assign Account > Success

You successfully submitted a request to assign the following accounts

- nobody

on service **Linux Service** to user **Linux System-Accounts**.

Other Tasks

[View my request](#)

Exercise 7 : Adopting accounts automatically

In this exercise, you specify that any account whose uid <= 499 is owned by Linux System-Accounts.

Task 1. Creating an adoption policy

1. On the Home tab, you go to Manage Policies > Manage Adoption Policies.

The screenshot shows two parts of the IBM Security Identity Manager interface:

- Left Panel (Navigation):** The title bar says "IBM Security Identity Manager". Below it is a breadcrumb trail: "Home > ITIM Manager: My Work". The main menu includes links like "Home", "Change Passwords", "Manage Roles", "Manage Organization Structure", "Manage Users", "Manage Services", "Manage Orphan Accounts", "Manage Groups", "Manage Policies" (which is expanded to show "Manage Adoption Policies", "Manage Identity Policies", "Manage Password Policies", "Manage Provisioning Policies", "Manage Service Selection Policies", "Manage Recertification Policies", and "Manage Separation of Duty Policies"), and "Design Workflows", "Set System Security", "Reports", "Configure System", "View Requests", "Manage Activities", "About", and "Log Out".
- Right Panel (Manage Adoption Policies):** The title bar says "Manage Adoption Policies". Below it is a breadcrumb trail: "Manage Policies > Manage Adoption Policies > Work With Adoption Policies". A search bar at the top has a placeholder "Search information" and radio buttons for "Adoption Policies" (selected) and "Service". A "Search" button is next to the search bar. Below the search area is a section titled "Adoption Policies" with the sub-instruction: "You can add, change, or delete adoption policies. Select the adoption policies in the table, and then click the appropriate button." At the bottom of this section is a table header with columns: "Create", "Change", "Delete", "Select", "Adoption policy name", "Adoption policy descrip...", and "Service". The table body below the header is currently empty. At the very bottom of the right panel is a "Close" button.

2. Create a new adoption policy with the information in the following table:

Manage Adoption Policies

<ul style="list-style-type: none"> *General *Services *Rule 	<p>Manage Policies > Manage Adoption Policies > General</p> <p>Type a name and an optional description, for the adoption policy. When you are done specifying the adoption policy, click OK.</p> <p>*Name Linux Service Adoption Policy</p> <p>Description Adoption policy for Linux Service</p>
<input type="button" value="OK"/> <input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

Manage Adoption Policies

Manage Services > Manage Adoption Policies > Services

To locate the service that you want to associate with the adoption policy, type information about the service in the field, select the search criteria, and then click Search. To search for multiple services, type a comma-separated list of service names. You can also use the keyboard to indicate a wildcard. (For example, typing "b*" will find "abc".)

Search information <input type="text" value="Linux Service"/>	Search by <input checked="" type="radio"/> Service <input type="radio"/> Business unit	Service type <input type="text" value="POSIX Linux profile"/>	<input type="button" value="Search"/>												
Services <hr/> <p>To associate a service with an adoption policy, select the service name, and then click OK.</p> <p>1 results found for: Linux Service</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20px;"></th> <th style="width: 150px;">Select</th> <th style="width: 150px;">Service Name</th> <th style="width: 150px;">Description</th> <th style="width: 150px;">Service T...</th> <th style="width: 150px;">Business ...</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Linux Service</td> <td>Linux Service</td> <td>POSIX Linux profile</td> <td>JK Enterprises</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 1 Displayed: 1 Selected: 1</p>					Select	Service Name	Description	Service T...	Business ...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Linux Service	Linux Service	POSIX Linux profile	JK Enterprises
	Select	Service Name	Description	Service T...	Business ...										
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Linux Service	Linux Service	POSIX Linux profile	JK Enterprises										
<input type="button" value="OK"/> <input type="button" value="Cancel"/>															

Manage Adoption Policies

<ul style="list-style-type: none"> *General *Services *Rule 	<p>Manage Policies > Manage Adoption Policies > Services</p> <p>Apply the adoption policy to specific services by adding and removing them.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 40%;">Add...</th> <th style="width: 50%;">Remove</th> </tr> <tr> <th>Select</th> <th>Service Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Linux Service</td> <td>Linux Service</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 1 Displayed: 1 Selected: 0</p>		Add...	Remove	Select	Service Name	Description	<input type="checkbox"/>	Linux Service	Linux Service
	Add...	Remove								
Select	Service Name	Description								
<input type="checkbox"/>	Linux Service	Linux Service								

OK **Apply** **Cancel**

Manage Adoption Policies

<ul style="list-style-type: none"> *General *Services *Rule 	<p>Manage Policies > Manage Adoption Policies > Rule</p> <p>Select the account attribute and user attribute that must match in order for an orphaned account to be reconciled and used to assign account ownership. If there are no matches for the user, an account will be created.</p> <p>Specify rule by</p> <p><input type="radio"/> Defining Matches <input checked="" type="radio"/> Providing a Script</p> <pre>if (subject.erposixuid <= 499) { var ps = new PersonSearch(); return ps.searchByFilter("Person", "(cn=Linux System-Accounts)", 2); }</pre>
---	---

OK **Apply** **Cancel**

- Click OK to save the adoption policy.

Manage Adoption Policies

Manage Services > Manage Adoption Policies > Success

You successfully saved an adoption policy **Linux Service Adoption Policy** for the following services:

- **Linux Service**

Other Tasks

[Manage adoption policies](#)

Close

Task 2. Reconciling again to invoke new adoption policy

- Return to the Manage Services tab. Click the small arrow to the right of Linux Service and click Reconcile Now. Do not use a query.

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.

6 results found for: *

<input type="checkbox"/> Sel... ^	<input type="checkbox"/> Stat... ^	Service Name ^	Description	Service T... ^	Business ... ^	Access Name ^	Access Status ^	Access Type ^
<input type="checkbox"/>	<input type="checkbox"/>	CSV Identity Feed	CSV Feed for finance users	Comma Separated File (CSV) identity feed	Finance			
<input type="checkbox"/>	<input type="checkbox"/>	DSML Identity Feed	Change Delete	SAML identity feed	Development			
<input type="checkbox"/>	<input type="checkbox"/>	ITIM Service	Set Up Reconciliation Configure Policy Enforcement...	ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>	<input type="checkbox"/>	LDAP inetOrgPerson Identity Feed	Manage Groups... Request Accounts... Accounts...	inetOrgPerson identity feed	JK Enterprises			
<input type="checkbox"/>	<input type="checkbox"/>	Linux Service	Customize Account Form... Delete Account Form...	DSIX Linux file	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>	<input type="checkbox"/>	TDI feed	Account Recertification Status... Account Defaults...	I data feed	JK Enterprises			
		Page 1 of 1	Total					

Close

Reconcile Now

Manage Services > Reconcile Now > Select Query

Select or define a query for reconciliation of the **Linux Service** service documentation for LDAPv3.

Query

None

Use query from existing schedule

Define query

Submit **Cancel**

Reconcile Now

Manage Services > Reconcile Now > Success

You successfully submitted a reconciliation request to run immediately for **Linux Service** service.

Other Tasks

[View the status of the reconciliation request](#)

Close

5. Verify that the status of the reconciliation is completed.

Requests

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

5 requests were submitted by **ITIM Manager** between **November 20, 2025** and **November 20, 2025**.

<input type="checkbox"/> Select	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name
<input checked="" type="checkbox"/>	Success	Reconciliation	November 20, 2025 8:44:03 PM	System Administrator		Linux Service
<input checked="" type="checkbox"/>	Success	Adopt Account	November 20, 2025 8:18:09 PM	System Administrator	Linux System-Accounts	Linux Service
<input checked="" type="checkbox"/>	Success	New User	November 20, 2025 8:06:50 PM	System Administrator	Linux System-Accounts	
<input checked="" type="checkbox"/>	Success	Reconciliation	November 20, 2025 6:59:14 PM	System Administrator		Linux Service
<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 20, 2025 3:59:11 PM	System Administrator		

Page 1 of 1 | Total: 5 Displayed: 5 Selected: 0

Close

6. Return to the Manage Services tab. Click the small arrow to the right of Linux Service and click Accounts. Verify that Linux System-Accounts now owns many accounts, such as gdm and ntp. Close the Reconcile Now Tab.

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.

6 results found for: *

<input type="checkbox"/> Create	<input type="checkbox"/> Change	<input type="checkbox"/> Delete	<input type="checkbox"/> Export Access Data	<input type="checkbox"/> Import Access Data	<input type="checkbox"/> Enable Access	<input type="checkbox"/> Disable Access	<input type="checkbox"/> 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		DSML identity feed		Development		
<input type="checkbox"/>		ITIM Service	Configure Policy Enforcement...	ITIM	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP inetOrgPerson Identity Feed	Manage Groups... Request Accounts... Accounts...	inetOrgPerson entity feed	JK Enterprises			
<input type="checkbox"/>		Linux Service	Customize Account Form... Delete Account Form... Account Recertification Status... Account Defaults... Reconcile Now Enforce Policy Retry Blocked Requests	DSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>		TDI feed		TDI data feed	JK Enterprises			

Page 1 of 1 | Total: 6 Displayed: 6 Selected: 0

Close

Accounts

To perform a particular task on an account, click the icon next to the name of the user ID, and then select the task you want to perform.

30 results found for: **Linux System-Accounts**

<input type="checkbox"/>	S	User ID	Owner	Ownership Type	Status
<input type="checkbox"/>		abrt	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		adm	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		avahi	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		bin	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		daemon	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		dbus	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		ftp	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		games	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		gdm	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		halt	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		lp	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		mail	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		nobody	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		ntp	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		operator	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		postfix	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		pulse	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		qemu	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		radvd	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		root	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		rpc	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		rpcuser	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		rtkit	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		shutdown	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>		sshd	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>		sync	▶ Linux System-Accounts	Individual	Active

<input type="checkbox"/>	shutdown	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>	sshd	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>	sync	▶ Linux System-Accounts	Individual	Active
<input type="checkbox"/>	systemd-network	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>	tcpdump	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>	tss	▶ Linux System-Accounts	Individual	Inactive
<input type="checkbox"/>	usbmuxd	▶ Linux System-Accounts	Individual	Inactive

Page 1 of 1 | Total: 30 | Displayed: 30 | Selected: 0

Exercise 8 : Creating an LDAP service

In this exercise, you create another service. This one manages accounts and groups on an Tech Support LDAP(IBM Security Directory Server) system. The service communicates with LDAP(SDS) through the LDAP Profile that is already installed in ISIM by default at installation time.

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

The screenshot shows a table of services with the following columns: Service Name, Description, Business Unit, Access Name, Access Status, and Access Type. The table contains the following data:

Service Name	Description	Business Unit	Access Name	Access Status	Access Type
CSV Identity Feed	CSV Feed for finance users	Finance			
DSML Identity Feed	Load Dev Team through DSML Feed	Development			
ITIM Service		JK Enterprises		Access Disabled	
LDAP INetOrgPerson Identity Feed	LDAP Identity Feed	JK Enterprises			
Linux Service	Linux Service	JK Enterprises	Linux Service	Access Enabled	Application
TDI feed		JK Enterprises			

Page 1 of 1 | Total: 6 | Displayed: 6 | Selected: 0

3. Wait for the list of services to appear. Ensure that the Business unit is set to JK Enterprises.
4. Select LDAP Profile and click Next.

The screenshot shows the 'Create Service' wizard with the title 'Manage Services > Create a Service > Select the Type of Service'. The 'Business unit' dropdown is set to 'JK Enterprises'. The table below lists service types:

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 type="radio"/>	INetOrgPerson identity feed	LDAP Identity Feed Service Profile
<input checked="" 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. Create a new service of type LDAP Profile with the information in the following table:

Create Service

Manage Services > Create a Service > LDAP service

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

*Service name: TechSupport LDAP

Description: TechSupport LDAP Service for ISIM

Tivoli Directory Integrator location: rmi://isim.test:1099/ITDIDispatcher

*Directory server location: ldap://isim.test:389

Use SSL communication with LDAP?

Password policy enabled on directory server?

*Administrator name: cn=root

*Password: [REDACTED]

*Directory server name: IBM Directory Server

LDAP Page size: [REDACTED]

Owner: Bob Smith

Service prerequisite: [REDACTED]

< Back | Next > | Finish | Cancel | Test Connection | Search... | Clear | Search... | Clear

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



8. Complete the form the information in the below table :

Create Service

Manage Services > Create a Service > Users and Groups

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

*User base DN
ou=TechSuppEmployees,dc=contractors

*User RDN Attribute
UID

*Group base DN
ou=TechSuppEmployees,dc=contractors

*Group RDN attribute
CN

*Initial group member
cn=TIM Adapter

Group object class name
groupOfNames

Group membership attribute
member

< Back | Next > | Finish | Cancel | Test Connection

9. Keep other values as default and Click Next → Next → Next → Next and at Configure Policy, Select Yes, create a policy to automatically create accounts, and later enable the policy and Click Finish.

Create Service

Manage Services > Create a Service > Configure Policy

To make a service available to users, generate a policy and choose whether the policy will users.

Generate a policy for all users?

Yes, create a policy for manually requesting accounts

Yes, create a policy to automatically create accounts, and later enable the policy

Yes, create a policy to automatically create accounts as soon as the policy exists

No, I will manually configure a policy later

< Back | Next > | Finish | Cancel

Create Service

Manage Services > Create Service > Success

You successfully created the **TechSupport LDAP** service on the **LDAP profile** service type.

Other Tasks

[Create another service](#)

[Manage account request workflows](#)

[Manage identity policies](#)

[Manage password policies](#)

[Request an account for this service](#)

[Manage the groups on this service](#)

[Manage provisioning policies](#)

[Manage account defaults](#)

[Enforce policy for this service](#)

[Close](#)

10. Return to Manage Services and verify TechSupport LDAP service is added.

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.							
7 results found for: *							
<input type="checkbox"/> Select	Create	Change	Delete	Export Access Data	Import Access Data	Enable Access	Disable Access
							Refresh
<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"/>	Linux Service	Linux Service	POSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>	TDI feed	IDI data feed	JK Enterprises				
<input type="checkbox"/>	TechSupport LDAP	TechSupport LDAP Service for ISIM	LDAP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application

Page 1 of 1 | Total: 7 | Displayed: 7 | Selected: 0

[Close](#)

11. Click the small arrow to the right of TechSupport LDAP service and click Reconcile Now. Do not use a query. Submit the reconcile request.

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.

7 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"/>		DSML Identity Feed		Load Dev Team through DSML Feed	DSML identity feed	Development			
<input type="checkbox"/>		ITIM Service			Change Delete Set Up Reconciliation Configure Policy Enforcement... Manage Groups... Request Accounts... Accounts... Customize Account Form... Delete Account Form... Account Recertification Status...	IM etOrgPerson entity feed	JK Enterprises	Access Disabled	
<input type="checkbox"/>		LDAP inetOrgPerson Identity Feed				JK Enterprises			
<input type="checkbox"/>		Linux Service			OSIX Linux profile	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>		TDI feed			I data feed	JK Enterprises			
<input type="checkbox"/>		TechSupport LDAP	b		DAP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application

Page 1 of 1 | Total

Reconcile Now

Manage Services > Reconcile Now > Select Query

Select or define a query for reconciliation of the **TechSupport LDAP** : 2251 documentation for LDAPv3.

Query

None

Use query from existing schedule

Define query

Reconcile Now

Manage Services > Reconcile Now > Success

You successfully submitted a reconciliation request to run immediately for **TechSupport LDAP** service.

Other Tasks

12. View the status of the reconciliation request. Refresh the list after a few moments if the status is pending.

Requests						
To view the details for a request, click the request type.						
7 requests were submitted by ITIM Manager between November 20, 2025 and November 20, 2025 .						
Select	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name
<input checked="" type="checkbox"/>	Success	Reconciliation	November 20, 2025 9:36:17 PM	System Administrator		TechSupport LDAP
<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 20, 2025 9:29:42 PM	System Administrator		
<input checked="" type="checkbox"/>	Success	Reconciliation	November 20, 2025 8:44:03 PM	System Administrator		Linux Service
<input checked="" type="checkbox"/>	Success	Adopt Account	November 20, 2025 8:18:09 PM	System Administrator	Linux System-Accounts	Linux Service
<input checked="" type="checkbox"/>	Success	New User	November 20, 2025 8:06:50 PM	System Administrator	Linux System-Accounts	
<input checked="" type="checkbox"/>	Success	Reconciliation	November 20, 2025 6:59:14 PM	System Administrator		Linux Service
<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 20, 2025 3:59:11 PM	System Administrator		

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Total: 7 Displayed: 7 Selected: 0

13. Return to Manage Services. Click the small arrow to the right of TechSupport LDAP service and click Accounts.

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.

Create	Change	Delete	Export Access Data	Import Access Data	Enable Access	Disable Access	Refresh	
Select	Status	Service Name	Description	Service Type	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	Change Delete Set Up Reconciliation Configure Policy Enforcement... Manage Groups... Request Accounts...	IM etOrgPerson entity feed	JK Enterprises		Access Disabled	
<input type="checkbox"/>		LDAP (inetOrgPerson Identity Feed)	Customize Account Form... Delete Account Form... Account Recertification Status... Account Defaults... Reconcile Now Enforce Policy Retry Blocked Requests	DSML Linux profile	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>		Linux Service		I data feed	JK Enterprises			
<input type="checkbox"/>		TDI feed		LDAP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application
<input type="checkbox"/>		TechSupport LDAP						

Page 1 of 1

Total:

14. Click Refresh to display all the accounts on the TechSupport LDAP service
15. The red X icon in the State column indicates that the account is not permitted. Click the red X for details. The account is not permitted because there is currently no active provisioning policy that allows the account on the service. Recall that when you created the TechSupport LDAP service, you indicated you would enable the provisioning policy later. The next chapter teaches provisioning.

Accounts

To perform a particular task on an account, click the icon next to the name of the user ID, and then select the task you want to perform.

3 results found for: *

<input type="checkbox"/>	S ^	State ^	User ID	Owner	Ownership Type	Status
<input type="checkbox"/>		ffreeloader	▶ Freddy Freelander	Individual	Inactive	
<input type="checkbox"/>		mmanheim	▶ Manny Manheim	Individual	Inactive	
<input type="checkbox"/>		sshoemaker	▶ Shelly Shoemaker	Individual	Inactive	

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Accounts

To perform a particular task on an account, click the icon next to the name of the user ID, and then select the task you want to perform.

CTGIMU047W
Account ffreeloader is not allowed by Provisioning policy.

3 results found for: *

<input type="checkbox"/>	S ^	State ^	User ID	Owner	Ownership Type	Status
<input type="checkbox"/>		ffreeloader	▶ Freddy Freelander	Individual	Inactive	
<input type="checkbox"/>		mmanheim	▶ Manny Manheim	Individual	Inactive	
<input type="checkbox"/>		Disallowed user	▶ Shelly Shoemaker	Individual	Inactive	

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16. Close the Reconcile Now Tab.