

Institute of Computer Technology

B. Tech Computer Science and Engineering

Sub: Identity and Access Management (2CSE507)

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Branch - Cyber Security

Enrollment no. – 23162171019

Semester - 5

Class - A

Batch – 52

PRACTICAL NO:- 12

Aim : Provisioning resources exercises

Exercise 1 : Adding users to a static role

Before you create provisioning policies, you need to add users to roles.

Task 1. Adding users to JKE System Admin role

1. Log in to the IBM Security Identity Manager Administrative Console as the system administrator with the user ID itim manager.
2. In the Home tab, go to Manage Users.
3. Edit the Alice Smyth entry.
4. In the Personal Information tab, add the JKE System Admin organizational role.

Change User

***Personal Information**

Business Information
Contact Information
Assignment Attributes

Manage Users > Change User > Personal Information

Type the appropriate information for the user. When you are done specify Schedule Submission to schedule the request.

*Last name
Smyth

*Full name
Alice Smyth

*Preferred user ID
asmthy

First name
Alice

Initials

Home address

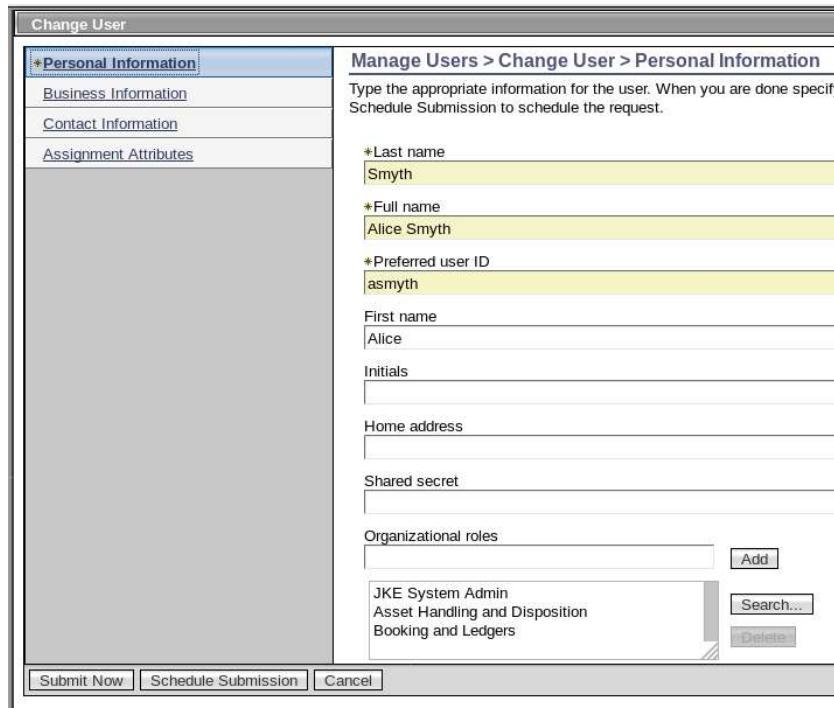
Shared secret

Organizational roles

JKE System Admin
Asset Handling and Disposition
Booking and Ledgers

Add
Search...
Delete

Submit Now | Schedule Submission | Cancel



5. Click Submit Now. Click Close.

Change User

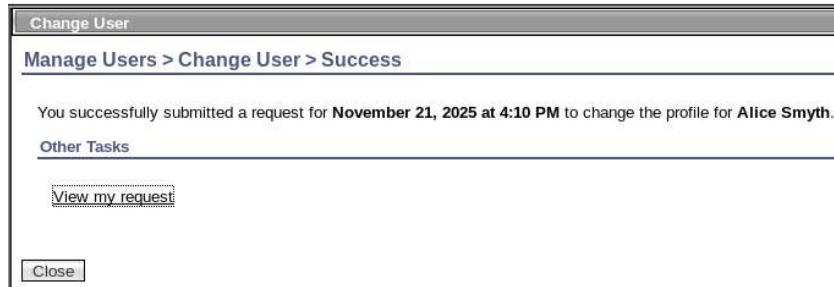
Manage Users > Change User > Success

You successfully submitted a request for **November 21, 2025 at 4:10 PM** to change the profile for **Alice Smyth**.

Other Tasks

[View my request](#)

[Close](#)



6. Repeat steps 1-5 for Douglas Adams and Edwin Abbott.

Change User

*Personal Information	
Business Information	
Contact Information	
Assignment Attributes	
<input type="text" value="Adams"/> <input type="text" value="Douglas Adams"/> <input type="text" value="dadams"/> <input type="text" value="Douglas"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
<input type="button" value="Submit Now"/> <input type="button" value="Schedule Submission"/> <input type="button" value="Cancel"/>	

Manage Users > Change User > Personal Information

Type the appropriate information for the user. When you are done specifying i Schedule Submission to schedule the request.

*Last name
Adams

*Full name
Douglas Adams

*Preferred user ID
dadams

First name
Douglas

Initials

Home address

Shared secret

Organizational roles

JKE System Admin
JKE Managers

Change User

*Personal Information	
Business Information	
Contact Information	
Assignment Attributes	
<input type="text" value="Abbott"/> <input type="text" value="Edwin Abbott"/> <input type="text" value="eabbott"/> <input type="text" value="Edwin"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
<input type="button" value="Submit Now"/> <input type="button" value="Schedule Submission"/> <input type="button" value="Cancel"/>	

Manage Users > Change User > Personal Information

Type the appropriate information for the user. When you are done specifying i Schedule Submission to schedule the request.

*Last name
Abbott

*Full name
Edwin Abbott

*Preferred user ID
eabbott

First name
Edwin

Initials

Home address

Shared secret

Organizational roles

JKE System Admin
JKE Managers

Task 2. Adding user to System Accounts Owner role

7. Add user Linux System-Accounts to the role System Accounts Owner.

Change User

*Personal Information Business Information Contact Information Assignment Attributes	<h3>Manage Users > Change User > Personal Information</h3> <p>Type the appropriate information for the user. When you are done specifying Schedule Submission to schedule the request.</p> <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 </p> <p>Home address </p> <p>Shared secret </p> <p>Organizational roles <input type="button" value="Add"/></p> <p>System Account Owner <input type="button" value="Search..."/> <input type="button" value="Delete"/></p> <p><input type="button" value="Submit Now"/> <input type="button" value="Schedule Submission"/> <input type="button" value="Cancel"/></p>
---	---

Exercise 2 : Creating a provisioning policy

IBM Security Identity Manager uses the provisioning policy to evaluate which entities are given access to a particular resource governed by a service. In this exercise, you modify the provisioning policy that you created when you created the Linux Service to provide automatic entitlement for users with the JKE System Admin role.

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



2. Click Refresh. Click the policy named Default Provisioning Policy for service Linux Service.

Provisioning Policies

You can create, change, or delete a provisioning policy. Select the policy, and then click the appropriate button to select the

3 results found for: *

<input type="checkbox"/>	Select	Provisioning Policy	Description	Status	Priority	Business ...
<input type="checkbox"/>		Default provisioning policy for ITIM	Allow everyone to be provisioned for an ITIM account.	Enabled	10,000,000	JK Enterprises
<input type="checkbox"/>		Default Provisioning Policy for service Linux Service	Created during service creation	Enabled	10,000,000	JK Enterprises
<input type="checkbox"/>		Default Provisioning Policy for service TechSupport LDAP	Created during service creation	Disabled	10,000,000	JK Enterprises

Page 1 of 1 Total: 3 Displayed: 3 Selected: 0

3. Modify the provisioning policy to match the following information:

Manage Provisioning Policies

General		Manage Policies > Manage Provisioning Policies > General	
*Policy name	<input type="text" value="Admin Linux Accounts"/>		
Caption	<input type="text"/>		
Make policy available to services in	<input checked="" type="radio"/> This business unit and its subunits <input type="radio"/> This business unit only		
Description	<input type="text" value="Created during service creation"/>		
Policy status	<input checked="" type="radio"/> Enable <input type="radio"/> Disable		
*Priority (integer greater than 0)	<input type="text" value="100"/>		
Keywords	<input type="text"/>		
+Business unit	<input type="text" value="JK Enterprises"/> <input type="button" value="Search..."/>		
<input type="button" value="Submit"/> <input type="button" value="Preview..."/> <input type="button" value="Save as Draft"/> <input type="button" value="Cancel"/>			

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Members

Members are the set of users that are granted entitlements through a policy. Specify which members to select: All users in the organization, individual roles, or all users who are not defined in other roles.

***Member Type**

All users in the organization
 All other users who are not granted to the entitlement(s) defined by this provisioning policy
 Roles specified below

Add	Remove	Select	Name	Description	Business unit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JKE System Admin	Organizational Role for System Administrators	JK Enterprises

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

Submit **Preview...** **Save as Draft** **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlements

Specify the entitlements that are associated with this policy. You can select and then change and delete the attributes of an entitlement.

Create	Change	Delete	Parameters		
Select	Name	Target type	Provision Option	Ownership type	Service tags
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Linux Service	Specific Service	Manual	Individual

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

Submit **Preview...** **Save as Draft** **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Account Entitlement

Account entitlement enables accounts to be created on the specified services. Specify the scope of the entitlement.

Provisioning options
 Manual
 Automatic

Ownership type

Target type

***Service Name**

Workflow

OK **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlements																	
<ul style="list-style-type: none"> *General *Members *Entitlements 	<p>Specify the entitlements that are associated with this policy. You can select and then change and delete the attributes of an entitlement.</p> <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="4">Create Change Delete Parameters</th> </tr> <tr> <th>Select</th> <th>Name</th> <th>Target type</th> <th>Provision Option</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Linux Service</td> <td>Specific Service</td> <td>Automatic</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Individual</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 1 Displayed: 1 Selected: 1</p>	Create Change Delete Parameters				Select	Name	Target type	Provision Option	<input checked="" type="checkbox"/>	Linux Service	Specific Service	Automatic				Individual
Create Change Delete Parameters																	
Select	Name	Target type	Provision Option														
<input checked="" type="checkbox"/>	Linux Service	Specific Service	Automatic														
			Individual														

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view attribute, and then click Delete.

Create Change Delete				
Select	Name	Template value	Enforcement...	Value Type

Total: 0 Displayed: 0 Selected: 0

Continue **Cancel**

Parameter	Value
<input type="checkbox"/> sudo privileges	
<input type="checkbox"/> UID number	
<input type="checkbox"/> Uniform Resource Identifier	
<input checked="" type="checkbox"/> UNIX shell	
<input type="checkbox"/> UNIX umask	

Page 1 of 1 Total: 33 Displayed: 33 Selected: 1

Continue **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define Constant

To define an entitlement parameter for **UNIX shell** attribute, select a parameter type, enforcement type, and value.

Parameter Type
 Constant Value
 JavaScript
 Null

Enforcement Type
 Default
 Mandatory

UNIX shell

Continue **Cancel**

4. Click Preview to see the effects of the new policy, choosing the option to enforce the entire policy. Click Continue. Wait until the Evaluation Status shows completed.

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview Policy Summary

Use this summary page to preview the impact of the provisioning policy on user accounts. You can click the Evaluation button. This summary is automatically updated every 10 seconds until policy evaluation is complete.

Evaluation status: Completed

Accounts evaluated: 34

Error account: 0 accounts

Provision new account: 4 accounts

- ▶ **Disallowed account: 30 accounts**
- ▶ Noncompliant account: 0 accounts
- ▶ Compliant account: 0 accounts

[Stop Evaluation](#) [Close](#)

5. Click the Provision New Accounts link to see the users who are provisioned new accounts. You should see a total of 4 new accounts. Three for the users (Alice, Douglas, and Edwin) who you added to the JKE System Admin organization role in the previous exercise. The fourth is for Erica, who you added to the JKE System Admin role when you initially created it.

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview New Accounts

Use this page to view the new accounts that will be created if the provisioning policy is submitted. Total: 4

Select	User ID	Service Name	Owner	Status
<input checked="" type="radio"/>	asmthy	Linux Service	Alice Smyth	Active
<input type="radio"/>	dadams	Linux Service	Douglas Adams	Active
<input type="radio"/>	eabbot	Linux Service	Edwin Abbott	Active
<input type="radio"/>	ecarr	Linux Service	Erica Carr	Active

Page 1 of 1 | Total: 4 | Displayed: 4 | Selected: 1

[Close](#)

You also see a number of disallowed accounts (the accounts that were adopted by Linux System-Accounts) because there is no provisioning policy in place that allows those accounts. Since the enforcement action is set to Mark account, no concrete action is taken by IBM Security Identity Manager regarding these violations. If you set the enforcement action to Correct, the system would de-provision the accounts.

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview Policy Summary

Use this summary page to preview the impact of the provisioning policy on user accounts. You can click the Evaluation button. This summary is automatically updated every 10 seconds until policy evaluation is complete.

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Delete managed account	0												
<u>Mark account</u>	30												
Orphan managed account	0												
Suspend managed account	0												
<ul style="list-style-type: none"> ▷ Noncompliant account: 0 accounts ▷ Compliant account: 0 accounts 													
<input type="button" value="Stop Evaluation"/> <input type="button" value="Close"/>													

6. Close the preview screen and submit the policy, enforcing the entire policy.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Schedule

You can choose to enforce this changed policy with changes only or with the entire policy.

Enforce changes only
 Enforce entire policy

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date	Time
11/21/2025	5:51 PM

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Success

You successfully scheduled for modification the provisioning policy named **Admin Linux Accounts**

Other Tasks

[Manage other provisioning policies](#)

[View my request](#)

[**Close**](#)

Exercise 3 : Verifying account provisioning

In this exercise, you verify that the accounts on Linux Service are provisioned as you expect.

1. On the Home tab, you go to View Requests > View All Requests by User.
2. Click Search Requests to find the Modify Provisioning Policy request.

Requests																																															
To view the details for a request, click the request type.																																															
5 requests were submitted by ITIM Manager between November 21, 2025 and November 21, 2025 .																																															
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Page 1 of 1		Total: 5	Displayed: 5	Selected: 0																																											

3. Click the link under the column Request Type to open and review the request details. Expand by Clicking the plus sign (+) and you can see 4 new accounts are added.

View All Requests by User																																																													
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4. In a terminal window, view /etc/passwd. Verify that the accounts are provisioned with the correct shell of /bin/bash:

```
cat /etc/passwd
```

```
[root@isim ~]# cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:99:99:Nobody:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/sbin/nologin
dbus:x:81:81:System message bus:/sbin/nologin
polkitd:x:999:998:User for polkitd:/sbin/nologin
sssd:x:998:995:User for sssd:/sbin/nologin
libstoragemgmt:x:997:994:daemon account for libstoragemgmt:/var/run/lsm:/sbin/nologin
colord:x:996:993:User for colord:/var/lib/colord:/sbin/nologin
rpc:x:32:32:Rpcbind Daemon:/var/lib/rpcbind:/sbin/nologin
gluster:x:995:992:GlusterFS daemons:/run/gluster:/sbin/nologin
saslauthd:x:994:76:Saslauthd user:/run/saslauthd:/sbin/nologin
abrt:x:173:173::/etc/abrt:/sbin/nologin
setroubleshoot:x:993:990::/var/lib/setroubleshoot:/sbin/nologin
rtkit:x:172:172:RealtimeKit:/proc:/sbin/nologin
radvd:x:75:75:radvd user:/sbin/nologin
chrony:x:992:989:/var/lib/chrony:/sbin/nologin
qemu:x:107:107:qemu user:/sbin/nologin
unbound:x:991:988:Unbound DNS resolver:/etc/unbound:/sbin/nologin
ntp:x:38:38::/etc/ntp:/sbin/nologin
tss:x:59:59:Account used by the trousers package to sandbox the tcscd daemon:/dev/null:/sbin/nologin
usbmuxd:x:113:113:usbmuxd user:/sbin/nologin
geoclue:x:990:986:User for geoclue:/var/lib/geoclue:/sbin/nologin
pulse:x:171:171:PulseAudio System Daemon:/var/run/pulse:/sbin/nologin
gdm:x:42:42::/var/lib/gdm:/sbin/nologin
saned:x:989:983:SANE scanner daemon user:/usr/share/sane:/sbin/nologin
rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin
nfsnobody:x:65534:65534:Anonymous NFS User:/var/lib/nfs:/sbin/nologin
gnome-initial-setup:x:988:982::/run/gnome-initial-setup:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin
postfix:x:89:89::/var/spool/postfix:/sbin/nologin
tcpdump:x:72:72::/sbin/nologin
tushar:x:1000:1000:tushar:/home/tushar:/bin/bash
idsldap:x:1001:1001::/home/idsldap:/bin/ksh
itimuser:x:1002:1002::/home/itimuser:/bin/ksh
db2admin:x:1003:1003::/home/db2admin:/bin/ksh
db2fenc1:x:1004:1004::/home/db2fenc1:/bin/ksh
isimldap:x:1005:1001::/home/isimldap:/bin/ksh
idsldap1:x:1006:1001::/home/idsldap1:/bin/ksh
nisarg1:x:1007:1001::/home/nisarg1:/bin/ksh
nisarg2:x:1008:1001::/home/nisarg2:/bin/ksh
```

Exercise 4 : Verifying the password policy

You can now verify the password policy that you created for the Linux Service in Exercise 3, "Creating a password policy".

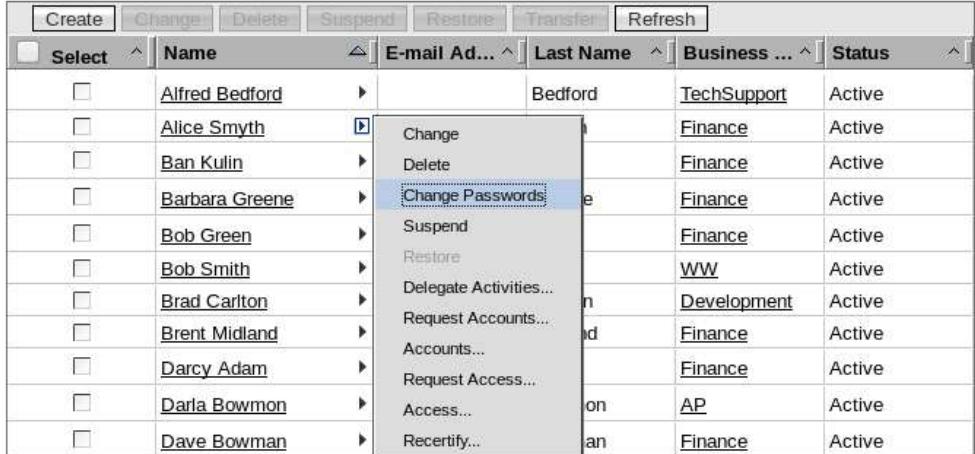
1. On the Home tab, you go to Manage Users.
2. Click Refresh to show all users.
3. Click the small arrow to the right of the Alice Smyth entry and click Change Passwords.

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.

46 results found for: *

Include individual accounts when suspending, restoring, or deleting users



<input type="checkbox"/> Select	Name	E-mail Ad...	Last Name	Business ...	Status
<input type="checkbox"/>	Alfred Bedford		Bedford	TechSupport	Active
<input type="checkbox"/>	Alice Smyth			Finance	Active
<input type="checkbox"/>	Ban Kulin			Finance	Active
<input type="checkbox"/>	Barbara Greene			Finance	Active
<input type="checkbox"/>	Bob Green			Finance	Active
<input type="checkbox"/>	Bob Smith			WW	Active
<input type="checkbox"/>	Brad Carlton			Development	Active
<input type="checkbox"/>	Brent Midland			Finance	Active
<input type="checkbox"/>	Darcy Adam			Finance	Active
<input type="checkbox"/>	Darla Bowmon			AP	Active
<input type="checkbox"/>	Dave Bowman			Finance	Active

4. Enter a password of aa and try to submit the change. This action should violate password policy on Linux Service because the password is too short.
5. Read the error message on the screen.

Change Passwords

Change Passwords

To change the password for **Alice Smyth**, select whether you want to have the system generate the password or whether you want to specify the password now. If you specify a password, it must rules for the password for this account. To view these rules, click View password strength rules.

CTGIMU017E
The password specified for the selected accounts does not comply with all of the password rules defined for these accounts.

CTGIME012E
The password does not meet the requirements of the password rule. The following error occurred. Error: CTGIMH011E The password does not adhere to the minimum number of characters.

[Close Message](#)

Generate a password for me
 Allow me to type a password

Password
••

Confirm Password
••

[View password strength rules](#)

Accounts

Your password will be changed for the accounts listed in the table below.

Service Name	User ID
ITIM Service	asmゆth
Linux Service	asmゆth

Page 1 of 1 | Total: 2 | Displayed: 2

[Schedule](#)

[Submit](#) [Cancel](#)

- Click the small triangle to the left of View password strength rules to confirm that the minimum length for a password is four characters. Click Cancel.

Change Passwords

Change Passwords

To change the password for **Alice Smyth**, select whether you want to have the system generate the password or whether you want to rules for the password for this account. To view these rules, click View password strength rules.

Generate a password for me
 Allow me to type a password

Password
••

Confirm Password
••

[Hide password strength rules](#)

Password Rule	Setting
Minimum length	4

Page 1 of 1 | Total: 1 | Displayed: 1

Accounts

Your password will be changed for the accounts listed in the table below.

Service Name	User ID
ITIM Service	asmゆth
Linux Service	asmゆth

Page 1 of 1 | Total: 2 | Displayed: 2

[Schedule](#)

[Submit](#) [Cancel](#)

Exercise 5 : Creating a provisioning policy for the JKE managers role

In this exercise, you create a new provisioning policy to provide Linux accounts to managers at JK Enterprises.

1. On the Home tab, you go to Manage Policies > Manage Provisioning Policies.
2. Click Refresh. Click the Create.

Provisioning Policies						
You can create, change, or delete a provisioning policy. Select the policy, and then click the appropriate button to select the						
3 results found for: *						
<input type="button" value="Create"/> <input type="button" value="Change"/> <input type="button" value="Delete"/> <input type="button" value="Refresh"/>						
Select	Provisioning Policy	Description	Status	Priority	Business ...	
<input type="checkbox"/>	Admin Linux Accounts	Created during service creation	Enabled	100	JK Enterprises	
<input type="checkbox"/>	Default provisioning policy for ITIM	Allow everyone to be provisioned for an ITIM account.	Enabled	10,000,000	JK Enterprises	
<input type="checkbox"/>	Default Provisioning Policy for service TechSupport LDAP	Created during service creation	Disabled	10,000,000	JK Enterprises	
Page 1 of 1		Total: 3	Displayed: 3	Selected: 0		

3. Create the provisioning policy to match the following information:

Manage Provisioning Policies	
<input checked="" type="radio"/> General <input type="radio"/> Members <input type="radio"/> Entitlements	Manage Policies > Manage Provisioning Policies > General Specify information for the policy, the business unit to which the policy applies, and the scs information on each of the tabs, click Preview to review your changes, or click Save as Draft. Click Submit to save your changes now. Click Cancel to exit without saving your changes. *Policy name <input type="text" value="Manager Linux Accounts"/> Caption <input type="text"/> Make policy available to services in <input checked="" type="radio"/> This business unit and its subunits <input type="radio"/> This business unit only Description <div style="border: 1px solid #ccc; height: 40px; width: 100%;"></div> Policy status <input checked="" type="radio"/> Enable <input type="radio"/> Disable *Priority (integer greater than 0) <input type="text" value="50"/> Keywords <input type="text"/> *Business unit <input type="text" value="JK Enterprises"/> <input type="button" value="Search..."/>
<input type="button" value="Submit"/> <input type="button" value="Preview..."/> <input type="button" value="Save as Draft"/> <input type="button" value="Cancel"/>	

Manage Provisioning Policies

<ul style="list-style-type: none"> *General *Members *Entitlements 	<p>Manage Policies > Manage Provisioning Policies > Members</p> <p>Members are the set of users that are granted entitlements through a policy. Specify which members are granted entitlements.</p> <p>*Member Type</p> <p><input type="radio"/> All users in the organization <input type="radio"/> All other users who are not granted to the entitlement(s) defined by this provisioning policy <input checked="" type="radio"/> Roles specified below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Add</th> <th style="text-align: right;">Remove</th> <th style="text-align: center;">Select</th> <th style="text-align: center;">Name</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Business unit</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: center;"><input type="checkbox"/></td> <td>JKE Managers</td> <td>Organizational Role for JKE Managers</td> <td>JK Enterprises</td> </tr> <tr> <td colspan="2"></td> <td colspan="4" style="text-align: center;">Page 1 of 1 Total: 1 Displayed: 1 Selected: 0</td> </tr> </tbody> </table>	Add	Remove	Select	Name	Description	Business unit			<input type="checkbox"/>	JKE Managers	Organizational Role for JKE Managers	JK Enterprises			Page 1 of 1 Total: 1 Displayed: 1 Selected: 0			
Add	Remove	Select	Name	Description	Business unit														
		<input type="checkbox"/>	JKE Managers	Organizational Role for JKE Managers	JK Enterprises														
		Page 1 of 1 Total: 1 Displayed: 1 Selected: 0																	
<input type="button" value="Submit"/> <input type="button" value="Preview..."/> <input type="button" value="Save as Draft"/> <input type="button" value="Cancel"/>																			

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Account Entitlement

Account entitlement enables accounts to be created on the specified services. Specify the scope of the entitlement.

Provisioning options

Manual
 Automatic

Ownership type

Individual

Target type

Specific Service

***Service Name**

Linux Service

Workflow

Manage Provisioning Policies

<ul style="list-style-type: none"> *General *Members *Entitlements 	<p>Manage Policies > Manage Provisioning Policies > Entitlements</p> <p>Specify the entitlements that are associated with this policy. You can select and then change and delete the attributes of an entitlement.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Create</th> <th style="text-align: left;">Change</th> <th style="text-align: left;">Delete</th> <th style="text-align: left;">Parameters</th> </tr> <tr> <th style="text-align: left;">Select</th> <th style="text-align: left;">Name</th> <th style="text-align: left;">Target type</th> <th style="text-align: left;">Provision Option</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;"><input checked="" type="checkbox"/></td> <td>Linux Service</td> <td>Specific Service</td> <td>Automatic</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">Page 1 of 1 Total: 1 Displayed: 1 Selected: 1</td> </tr> </tbody> </table>	Create	Change	Delete	Parameters	Select	Name	Target type	Provision Option	<input checked="" type="checkbox"/>	Linux Service	Specific Service	Automatic			Page 1 of 1 Total: 1 Displayed: 1 Selected: 1	
Create	Change	Delete	Parameters														
Select	Name	Target type	Provision Option														
<input checked="" type="checkbox"/>	Linux Service	Specific Service	Automatic														
		Page 1 of 1 Total: 1 Displayed: 1 Selected: 1															
<input type="button" value="Submit"/> <input type="button" value="Preview..."/> <input type="button" value="Save as Draft"/> <input type="button" value="Cancel"/>																	

<input type="checkbox"/>	Uniform Resource Identifier
<input checked="" type="checkbox"/>	UNIX shell
<input type="checkbox"/>	UNIX umask
Page 1 of 1	Total: 33 Displayed: 33 Selected: 1

[Continue](#) [Cancel](#)

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define Constant

To define an entitlement parameter for **UNIX shell** attribute, select a parameter type, enforcement type, and value.

Parameter Type
 Constant Value
 JavaScript
 Null

Enforcement Type
 Default
 Mandatory

UNIX shell

[Continue](#) [Cancel](#)

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view attribute, and then click Delete.

Create	Change	Delete		
<input type="checkbox"/> Select	Name	Template value	Enforcement...	Value Type
<input type="checkbox"/>	UNIX shell	/bin/ksh	Mandatory	Constant Value
Page 1 of 1	Total: 1	Displayed: 1	Selected: 0	

[Continue](#) [Cancel](#)

4. Preview the new provisioning policy. Notice that there are multiple new accounts to provision, and two non-compliant accounts (Douglas and Edwin) with a different shell.

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview Policy Summary

Use this summary page to preview the impact of the provisioning policy on user accounts. You can click the Evaluation button. This summary is automatically updated every 10 seconds until policy evaluation is completed.

Evaluation status: Completed

Accounts evaluated: 12

Error account: 0 accounts

Provision new account: 10 accounts

- ▶ Disallowed account: 0 accounts

Noncompliant account: 2 accounts

Enforcement Action	Number of Accounts
Alert account	0
Mark account	2
Revoke privileges from managed account	0
Suspend managed account	0

- ▶ Compliant account: 0 accounts

Stop Evaluation **Close**

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview Noncompliant Accounts

Use this page to view the accounts that will become noncompliant if the provisioning policy is submitted. To view

Select	User ID	Service Name	Owner	St...
<input checked="" type="radio"/>	<u>dadams</u>	Linux Service	Douglas Adams	Active
<input type="radio"/>	<u>eabbot</u>	Linux Service	Edwin Abbott	Active

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

Close

5. Close the Preview Policy windows
6. Submit the new provisioning policy.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date Time
11/23/2025 10:17 AM

Submit **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Success

You successfully scheduled for creation the provisioning policy named **Manager Linux Accounts**

[Other Tasks](#)

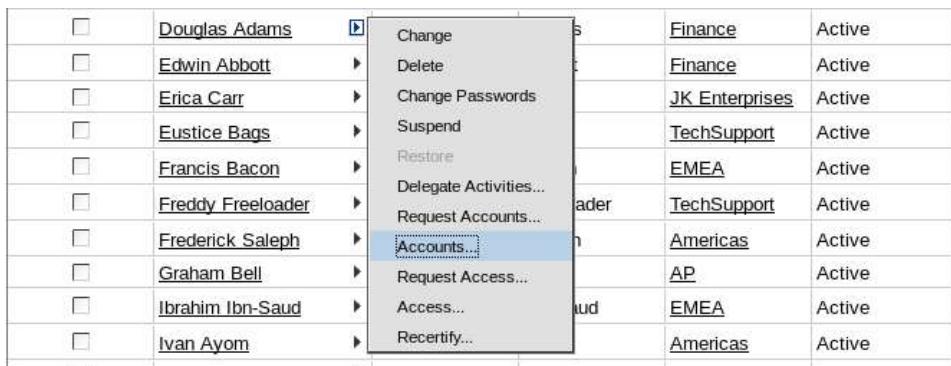
[Manage other provisioning policies](#)
[View my request](#)

Close

Exercise 6 : Verifying that the manager policy takes priority

In this exercise, you verify that the Manager Linux Accounts policy takes priority. User Douglas Adams is entitled by both the Admin Linux Accounts provisioning policy and the Manager Linux Accounts provisioning policy. Manager Linux Accounts has a smaller priority number so the entitlement parameters in that policy take precedence over those in the Admin Linux Accounts policy.

1. On the Home tab, you go to Manage Users.
2. Click the small triangle to the right of Douglas Adams and click Accounts.



3. Click Search and locate the account on Linux Service.
4. Click the non-compliant warning icon in the State column.

Manage Users > Accounts

To perform a particular task on an account for **Douglas Adams**, click the icon next to the name of the user, and then select the task that you want to

2 results found for: *

<input type="checkbox"/>	S	State	User ID	Service Name	Ownership Type	Status
<input type="checkbox"/>		dadams		ITIM Service	Individual	Active
<input type="checkbox"/>		dadams		Linux Service	Individual	Active

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

Non-compliant

5. The warning should indicate that the shell is not compliant.

The following attributes for account **dadams** on service **Linux Service** are noncompliant.

Attribute	Non-Compliant Value	Suggested Value
UNIX shell	/bin/bash	/bin/ksh

Page 1 of 1 | Total: 1 | Displayed: 1

Close

Recall that you left the policy enforcement setting on the Linux Service service at the default of Mark, not Correct. Therefore, Douglas' shell does not automatically change to the value specified by the higher priority policy.

6. Click close twice.

Exercise 7 : Creating a provisioning policy for system accounts

In this exercise, you create a provisioning policy that authorizes the user Linux System-Accounts to own the system accounts that are retrieved during reconciliation. The provisioning policy will stipulate that the accounts use ownership type system instead of individual.

Task 1. Creating the provisioning policy

1. On the Home tab, you go to Manage Policies > Manage Provisioning Policies.
2. Create a new provisioning policy with the following information:

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > General

Specify information for the policy, the business unit to which the policy applies, and the sc...
information on each of the tabs, click Preview to review your changes, or click Save as Dr...
Click Submit to save your changes now. Click Cancel to exit without saving your changes.

***Policy name**
System Linux Accounts

Caption

Make policy available to services in
 This business unit and its subunits
 This business unit only

Description

Policy status
 Enable
 Disable

***Priority (integer greater than 0)**
10000

Keywords

***Business unit**
JK Enterprises

Submit **Preview...** **Save as Draft** **Cancel**

Manage Provisioning Policies

<input checked="" type="radio"/> General <input checked="" type="radio"/> Members <input type="radio"/> Entitlements	<p>Manage Policies > Manage Provisioning Policies > Members</p> <p>Members are the set of users that are granted entitlements through a policy. Specify which members are granted entitlements by selecting all users in the organization, individual roles, or all users who are not defined in other roles.</p> <p>*Member Type</p> <ul style="list-style-type: none"> <input type="radio"/> All users in the organization <input type="radio"/> All other users who are not granted to the entitlement(s) defined by this provisioning policy <input checked="" type="radio"/> Roles specified below <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Add</th> <th style="text-align: left; padding: 2px;">Remove</th> <th style="text-align: left; padding: 2px;">Select</th> <th style="text-align: left; padding: 2px;">Name</th> <th style="text-align: left; padding: 2px;">Description</th> <th style="text-align: left; padding: 2px;">Business unit</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;"></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">System Account Owner</td> <td style="padding: 2px;">Organizational Role for System Account Owner</td> <td style="padding: 2px;">JK Enterprises</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 2px;">Page 1 of 1</td> <td colspan="2" style="text-align: center; padding: 2px;">Total: 1</td> <td colspan="2" style="text-align: center; padding: 2px;">Displayed: 1 Selected: 0</td> </tr> </tbody> </table>	Add	Remove	Select	Name	Description	Business unit			<input type="checkbox"/>	System Account Owner	Organizational Role for System Account Owner	JK Enterprises	Page 1 of 1		Total: 1		Displayed: 1 Selected: 0	
Add	Remove	Select	Name	Description	Business unit														
		<input type="checkbox"/>	System Account Owner	Organizational Role for System Account Owner	JK Enterprises														
Page 1 of 1		Total: 1		Displayed: 1 Selected: 0															

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Account Entitlement

Account entitlement enables accounts to be created on the specified services. Specify the scope of the entitlement.

Provisioning options

- Manual
- Automatic

Ownership type

System

Target type

Specific Service

*Service Name

Linux Service

Workflow

Search...

Select	Name	Target type	Provision Option	Ownership type	Service tags
<input type="checkbox"/>	Linux Service	Specific Service	Manual	System	

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

- Click Submit.

Immediate
 Effective date

Date: 11/23/2025 Time: 10:34 AM

Submit Cancel

You successfully scheduled for creation the provisioning policy named **System Linux Accounts**

Other Tasks

[Manage other provisioning policies](#)
[View my request](#)

Close

- On the Home tab, go to Manage Services.
- Click the small arrow to the right of Linux Service and click Accounts. Click Refresh to show all the 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.

7 results found for: *

<input type="checkbox"/> Select ^	<input type="button"/> Create	<input type="button"/> Change	<input type="button"/> Deleted	<input type="button"/> Export Access Data	<input type="button"/> Import Access Data	<input type="button"/> Enable Access	<input type="button"/> Disable Access	<input type="button"/> Refresh
	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	inetOrgPerson identity 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		T1 data feed	JK Enterprises			
<input type="checkbox"/>		TechSupport LDAP		Account Recertification Status...	JK Enterprises	TechSupport LDAP	Access Enabled	Application

Page 1 of 1 | Total 7

Close

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.

66 results found for: *

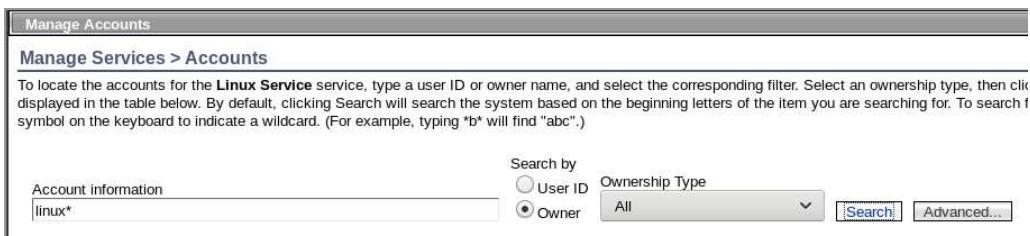
<input type="checkbox"/>	<input type="button"/> Request...	<input type="button"/> Change	<input type="button"/> Delete	<input type="button"/> Suspend	<input type="button"/> Restore	<input type="button"/> Assign to User	<input type="button"/> Refresh
S ^	State ^	User ID	Owner	Ownership Type	Status		
<input type="checkbox"/>	✖	abrt	Linux System-Accounts	Individual	Inactive		
<input type="checkbox"/>	✖	adm	Linux System-Accounts	Individual	Active		
<input type="checkbox"/>		asmith	Alice Smyth	Individual	Active		
<input type="checkbox"/>	✖	avahi	Linux System-Accounts	Individual	Inactive		
<input type="checkbox"/>		bcarit	Brad Carlton	Individual	Active		
<input type="checkbox"/>	✖	bin	Linux System-Accounts	Individual	Active		
<input type="checkbox"/>		chrony	None	None	Inactive		
<input type="checkbox"/>		colord	None	None	Inactive		
<input type="checkbox"/>	⚠	dadams	Douglas Adams	Individual	Active		
<input type="checkbox"/>	✖	daemon	Linux System-Accounts	Individual	Active		
<input type="checkbox"/>		db2admin	None	None	Active		
<input type="checkbox"/>		db2fenc1	None	None	Active		
<input type="checkbox"/>	✖	dbus	Linux System-Accounts	Individual	Inactive		
<input type="checkbox"/>		ddrive	Dianne Driver	Individual	Active		
<input type="checkbox"/>		dgoto	Dengo Goto	Individual	Active		
<input type="checkbox"/>	⚠	eabbot	Edwin Abbott	Individual	Active		
<input type="checkbox"/>		ecarr	Erica Carr	Individual	Active		
<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"/>		geoclue	None	None	Inactive		
<input type="checkbox"/>		gluster	None	None	Inactive		
<input type="checkbox"/>		gnome-initial-setup	None	None	Inactive		
<input type="checkbox"/>	✖	halt	Linux System-Accounts	Individual	Active		
<input type="checkbox"/>		iayom	Ivan Ayom	Individual	Active		
<input type="checkbox"/>		idsldap	None	None	Inactive		
<input type="checkbox"/>		idsldap1	None	None	Active		
<input type="checkbox"/>		libn-s	Ibrahim Ibn-Saud	Individual	Active		

Notice that the accounts owned by Linux System-Accounts are still marked as Disallowed. That is because the accounts have the ownership type Individual but the provisioning policy only allows ownership type System.

Task 2. Changing account ownership type on system accounts

Now you change the account ownership for all the accounts that Linux System-Accounts owns. You use the assign to user function to change the ownership type.

6. Filter the list of accounts to show only the accounts that Linux System-Accounts owns by completing the search box as shown.



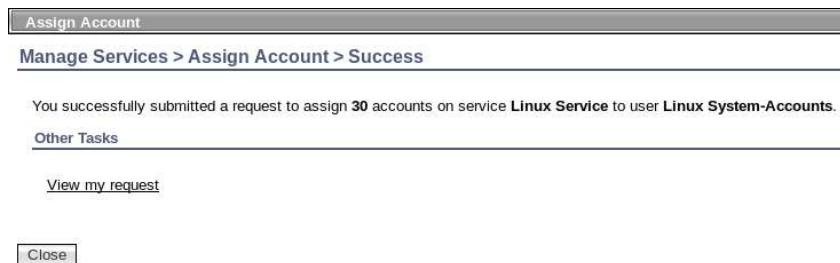
7. Click Search.
8. Choose the check box at the top of the select column to select all the rows. Click Assign to User. The Assign to User wizard opens.

Manage Accounts																																																																																																																																																																																																																							
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9. Find and choose user Linux System-Accounts and click Continue.

Assign Account																	
Manage Services > Assign Account > Select a User																	
To assign accounts on the Linux Service service to a user, type information about the user in the field, and then click Find.																	
<table> <tr> <td>Search information</td> <td>Search by</td> </tr> <tr> <td><input type="text" value="linux"/></td> <td> Full name <input type="button" value="Search"/> <input type="button" value="Advanced..."/> </td> </tr> </table>						Search information	Search by	<input type="text" value="linux"/>	Full name <input type="button" value="Search"/> <input type="button" value="Advanced..."/>								
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<input type="text" value="linux"/>	Full name <input type="button" value="Search"/> <input type="button" value="Advanced..."/>																
Users																	
To assign accounts to a user, select the user, and then click Continue.																	
1 results found for: linux																	
<table border="1"> <thead> <tr> <th>Select</th> <th>Name</th> <th>E-mail Ad...</th> <th>Last Name</th> <th>Business ...</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/></td> <td>Linux System-Accounts</td> <td></td> <td>System-Accounts</td> <td>JK Enterprises</td> <td>Active</td> </tr> </tbody> </table>						Select	Name	E-mail Ad...	Last Name	Business ...	Status	<input checked="" type="radio"/>	Linux System-Accounts		System-Accounts	JK Enterprises	Active
Select	Name	E-mail Ad...	Last Name	Business ...	Status												
<input checked="" type="radio"/>	Linux System-Accounts		System-Accounts	JK Enterprises	Active												
Page 1 of 1 Total: 1 Displayed: 1 Selected: 1																	
<input type="button" value="Continue"/> <input type="button" value="Close"/>																	

10. On the confirmation screen, click Assign to User.



11. Click close to return to the Manage Accounts task and click Refresh to update the accounts list.
 12. The accounts show ownership type System.

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.					
30 results found for: linux*					
Request...	Change...	Delete	Suspend	Restore	Assign to User
S	State	User ID	Owner	Ownership Type	Status
<input type="checkbox"/>		abrt	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		adm	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		avahi	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		bin	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		daemon	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		dbus	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		ftp	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		games	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		gdm	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		halt	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		lp	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		mail	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		nobody	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		ntp	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		operator	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		postfix	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		pulse	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		qemu	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		radvd	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		root	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		rpc	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		rpcuser	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		rtkit	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		shutdown	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		sshd	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		sync	▶ Linux System-Accounts	System	Active
<input type="checkbox"/>		systemd-network	▶ Linux System-Accounts	System	Inactive
<input type="checkbox"/>		tcpdump	▶ Linux System-Accounts	System	Inactive

Exercise 8 : Modifying the default join directive for an attribute

In this exercise, you modify the default join directive for the attribute that governs a user's secondary group setting in Linux.

Before you can see how the join directives work, you need to perform additional configuration of the existing provisioning policies in order to set up an attribute conflict. Modifying existing provisioning policies

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

Provisioning Policies

You can create, change, or delete a provisioning policy. Select the policy, and then click the appropriate button to select the t

5 results found for: *

<input type="checkbox"/> Select	Provisioning Policy	Description	Status	Priority	Business ...
<input type="checkbox"/>	Admin Linux Accounts	Created during service creation	Enabled	100	JK Enterprises
<input type="checkbox"/>	Default provisioning policy for ITIM	Allow everyone to be provisioned for an ITIM account.	Enabled	10,000,000	JK Enterprises
<input type="checkbox"/>	Default Provisioning Policy for service TechSupport LDAP	Created during service creation	Disabled	10,000,000	JK Enterprises
<input type="checkbox"/>	Manager Linux Accounts		Enabled	50	JK Enterprises
<input type="checkbox"/>	System Linux Accounts		Enabled	10,000	JK Enterprises

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

2. Click the Admin Linux Accounts policy and click Entitlements.
3. Select Linux Service and click Parameters.

Manage Provisioning Policies

*General
*Members
*Entitlements

Manage Policies > Manage Provisioning Policies > Entitlements

Specify the entitlements that are associated with this policy. You can select and then change and delete the attributes of an entitlement.

<input checked="" type="checkbox"/> Select	Name	Target type	Provision Option	Ownership type	Service tags
<input checked="" type="checkbox"/>	Linux Service	Specific Service	Automatic	Individual	

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

Submit | Preview... | Save as Draft | Cancel

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view attribute, and then click Delete.

<input type="button" value="Create"/> <input type="button" value="Change"/> <input type="button" value="Delete"/> <input type="checkbox"/> Select ^ Name ^ Template value ^ Enforcement... ^ Value Type ^				
<input type="checkbox"/>	UNIX shell	/bin/bash	Default	Constant Value
Page 1 of 1		Total: 1 Displayed: 1 Selected: 0		

4. Create a new parameter for Secondary group. Select Mandatory for Enforcement type and add the adm and printadmin groups to Secondary group.

<input type="checkbox"/> Primary group <input checked="" type="checkbox"/> Secondary group <input type="checkbox"/> Sponsor <input type="checkbox"/> sudo privileges <input type="checkbox"/> UID number <input type="checkbox"/> Uniform Resource Identifier <input type="checkbox"/> UNIX umask	
Page 1 of 1	
Total: 32 Displayed: 32 Selected: 1	

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define Constant

To define an entitlement parameter for **Secondary group** attribute, select a parameter type.

Parameter Type
 Constant Value
 JavaScript
 Null
 Regular Expression

Enforcement Type
 Default
 Mandatory
 Allowed
 Excluded

Secondary group

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view a attribute, and then click Delete.

<input type="checkbox"/> Select	Name	Template value	Enforcement...	Value Type
<input type="checkbox"/>	UNIX shell	/bin/bash	Default	Constant Value
<input type="checkbox"/>	Secondary group	printadmin	Mandatory	Constant Value
<input type="checkbox"/>	Secondary group	adm	Mandatory	Constant Value

Page 1 of 1 | Total: 3 | Displayed: 3 | Selected: 0

5. Create another new parameter for Secondary group. Select Allowed for Enforcement type and add the dialout, games, and video groups to Secondary group. Click Continue.

<input type="checkbox"/> Primary group
<input checked="" type="checkbox"/> Secondary group
<input type="checkbox"/> Sponsor
<input type="checkbox"/> sudo privileges
<input type="checkbox"/> UID number
<input type="checkbox"/> Uniform Resource Identifier
<input type="checkbox"/> UNIX umask

Page 1 of 1 | Total: 32 | Displayed: 32 | Selected: 1

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define Constant

To define an entitlement parameter for **Secondary group** attribute, select a parameter type

Parameter Type
 Constant Value
 JavaScript
 Null
 Regular Expression

Enforcement Type
 Default
 Mandatory
 Allowed
 Excluded

Secondary group

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view attribute, and then click Delete.

<input type="checkbox"/>	Name	Template value	Enforcement...	Value Type
<input type="checkbox"/>	UNIX shell	/bin/bash	Default	Constant Value
<input type="checkbox"/>	Secondary group	printadmin	Mandatory	Constant Value
<input type="checkbox"/>	Secondary group	adm	Mandatory	Constant Value
<input type="checkbox"/>	Secondary group	video	Allowed	Constant Value
<input type="checkbox"/>	Secondary group	games	Allowed	Constant Value
<input type="checkbox"/>	Secondary group	dialout	Allowed	Constant Value

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

6. Submit the changes to the provisioning policy, enforcing the entire policy.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Schedule

You can choose to enforce this changed policy with changes only or with the entire defined policy.

Enforce changes only
 Enforce entire policy

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date	Time
11/23/2025	12:39 PM

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Success

You successfully scheduled for modification the provisioning policy named **Admin Linux Accounts**

Other Tasks

[Manage other provisioning policies](#)
[View my request](#)

7. Repeat steps 1 through 6 for the Manager Linux Accounts provisioning policy, but this time add only printadmin as a Mandatory secondary group. Be sure to add dialout and video as Allowed secondary groups. Do not add games. Click Continue.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define Constant

To define an entitlement parameter for **Secondary group** attribute, select a parameter typ

Parameter Type
 Constant Value
 JavaScript
 Null
 Regular Expression

Enforcement Type
 Default
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Secondary group

Manage Provisioning Policies

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Secondary group

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change, or click Change, or select Create to view attribute, and then click Delete.

<input type="checkbox"/> Select	Name	Template value	Enforcement...	Value Type
<input type="checkbox"/>	UNIX shell	/bin/ksh	Mandatory	Constant Value
<input type="checkbox"/>	Secondary group	printadmin	Mandatory	Constant Value
<input type="checkbox"/>	Secondary group	video	Allowed	Constant Value
<input type="checkbox"/>	Secondary group	dialout	Allowed	Constant Value

Page 1 of 1 | Total: 4 | Displayed: 4 | Selected: 0

8. Submit the changes to the provisioning policy, enforcing the entire policy.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Schedule

You can choose to enforce this changed policy with changes only or with the entire defined policy.

Enforce changes only
 Enforce entire policy

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date: 11/23/2025 Time: 1:11 PM

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Success

You successfully scheduled for modification the provisioning policy named **Manager Linux Accounts**

Other Tasks

[Manage other provisioning policies](#)
[View my request](#)

- On the Home tab, go to View Requests > View All Requests by User. Wait until both provisioning policy changes are completed before continuing this exercise.

Requests																																																
To view the details for a request, click the request type.																																																
5 requests were submitted by ITIM Manager between November 23, 2025 and November 23, 2025.																																																
<table border="1"> <thead> <tr> <th><input type="checkbox"/> Select</th><th>Status</th><th>Request Type</th><th>Date Submitted</th><th>Requestor</th><th>Requested for</th><th>Service Name</th></tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td><td>Success</td><td>Modify Provisioning Policy</td><td>November 23, 2025 1:12:07 PM</td><td>System Administrator</td><td></td><td></td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>Success</td><td>Modify Provisioning Policy</td><td>November 23, 2025 12:40:43 PM</td><td>System Administrator</td><td></td><td></td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>Success</td><td>Multi Account Adopt</td><td>November 23, 2025 11:37:07 AM</td><td>System Administrator</td><td></td><td></td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>Success</td><td>Add Provisioning Policy</td><td>November 23, 2025 10:35:16 AM</td><td>System Administrator</td><td></td><td></td></tr> <tr> <td><input checked="" type="checkbox"/></td><td>Success</td><td>Add Provisioning Policy</td><td>November 23, 2025 10:19:03 AM</td><td>System Administrator</td><td></td><td></td></tr> </tbody> </table>							<input type="checkbox"/> Select	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name	<input checked="" type="checkbox"/>	Success	Modify Provisioning Policy	November 23, 2025 1:12:07 PM	System Administrator			<input checked="" type="checkbox"/>	Success	Modify Provisioning Policy	November 23, 2025 12:40:43 PM	System Administrator			<input checked="" type="checkbox"/>	Success	Multi Account Adopt	November 23, 2025 11:37:07 AM	System Administrator			<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 23, 2025 10:35:16 AM	System Administrator			<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 23, 2025 10:19:03 AM	System Administrator		
<input type="checkbox"/> Select	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name																																										
<input checked="" type="checkbox"/>	Success	Modify Provisioning Policy	November 23, 2025 1:12:07 PM	System Administrator																																												
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<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 23, 2025 10:35:16 AM	System Administrator																																												
<input checked="" type="checkbox"/>	Success	Add Provisioning Policy	November 23, 2025 10:19:03 AM	System Administrator																																												
Page 1 of 1		Total: 5	Displayed: 5	Selected: 0																																												

Adding a new person to provision an account

You now add a new user that is entitled to both provisioning policies and observe how the Secondary group attribute conflict is resolved. The default join directive for Secondary group is Union.

- On the Home tab, navigate to Manage Users.
- Click Create and add the following 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 <hr/> Business Information Contact Information Assignment Attributes	<p>Manage Users > Create User > Personal Information</p> <p>To create a new user, type information about the user in the fields. When you</p> <p>*Last name <input type="text" value="Join"/></p> <p>*Full name <input type="text" value="Uma Join"/></p> <p>*Preferred user ID <input type="text" value="ujoin"/></p> <p>First name <input type="text" value="Uma"/></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"/> JKE System Admin <input type="button" value="Search..."/> <input type="button" value="Delete"/></p>
<input type="button" value="Continue"/> <input type="button" value="Cancel"/>	

Create User

*Personal Information <hr/> Business Information <hr/> Contact Information Assignment Attributes	<p>Manage Users > Create User > Business Information</p> <p>To create a new user, type information about the user in the fields. When you are done specifying in</p> <p>Office number <input type="text"/></p> <p>Employee number <input type="text"/></p> <p>Title <input type="text" value="Manager"/></p> <p>Manager <input type="text"/> <input type="button" value="Search..."/> <input type="button" value="Clear"/></p> <p>Postal address <input type="text"/></p> <p>Administrative assistant <input type="text"/> <input type="button" value="Search..."/> <input type="button" value="Clear"/></p>
<input type="button" value="Continue"/> <input type="button" value="Cancel"/>	

Create User

*Personal Information	Manage Users > Create User > Contact Information															
Business Information	To create a new user, type information about the user in the fields. When you															
Contact Information																
Assignment Attributes																
<table border="1"> <tr> <td>E-mail address</td> <td>ujoin@jke.test</td> </tr> <tr> <td>Telephone number</td> <td></td> </tr> <tr> <td>Mobile telephone number</td> <td></td> </tr> <tr> <td>Pager</td> <td></td> </tr> <tr> <td>Home telephone number</td> <td></td> </tr> <tr> <td>Aliases</td> <td> <input type="button" value="Add"/> <input type="button" value="Delete"/> </td> </tr> <tr> <td colspan="2"></td> </tr> </table>			E-mail address	ujoin@jke.test	Telephone number		Mobile telephone number		Pager		Home telephone number		Aliases	<input type="button" value="Add"/> <input type="button" value="Delete"/>		
E-mail address	ujoin@jke.test															
Telephone number																
Mobile telephone number																
Pager																
Home telephone number																
Aliases	<input type="button" value="Add"/> <input type="button" value="Delete"/>															
<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 11/23/2025	Time 1:25 PM
--------------------	-----------------

12. Submit the new person.

The screenshot shows a "Create User" interface with a "Success" message: "You successfully submitted a request for November 23, 2025 at 1:26 PM to create user Uma Join .". It includes links for "View my request", "Create another user", and a "Close" button.

Verifying the groups that are assigned to Uma Join

13. As root on the isim.test host, run the following command in a terminal window to see which groups Uma is assigned:

```
groups ujoin
```

With the default join directive (Union), Uma is assigned to the following groups:

- printadmin
- adm

```
Applications Places Terminal
File Edit View Search Terminal Help
[root@isim ~]# groups ujoin
ujoin : ujoin adm printadmin
[root@isim ~]# █
```

Changing the join directive for erposixsecondgroup

14. On the Home tab, go to Configure System > Configure Policy Join Behaviors. Select Open it using Java Webstart(default). Click OK. Click Continue. Accept terms and conditions. Click Run. Click Run again. It might take a minute for the Java applet to load for the first time.

Configure Policy Join Behaviors

Policy Join Behavior

Customize the policy join behavior, using the applet below.

Opening PolicyJoinJnlpServlet

You have chosen to open:
 PolicyJoinJnlpServlet
which is: JNLP file
from: https://isim.test:9443

What should Firefox do with this file?

Open with Java Web Start (default)
 Save File
 Do this automatically for files like this from now on.

Cancel OK

Security Warning

Do you want to Continue?
The connection to this website is untrusted.

Website: https://isim.test:9443

Note: The certificate is not valid and cannot be used to verify the identity of this website.
[More Information](#)

Continue Cancel

Java Application Blocked

Application Blocked by Java Security

For security, applications must now meet the requirements for the High or Very High security settings, or be part of the Exception Site List, to be allowed to run.

[More Information](#)

Name: ISIM Join Directive Designer
Location: https://isim.test:9443
Reason: Your security settings have blocked an application signed with an expired or not-yet-valid certificate from running

OK

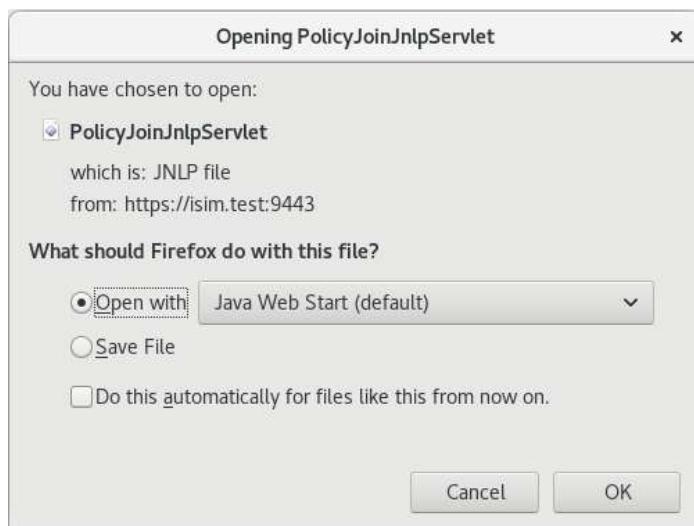
To solve this problem, run the following command in a terminal window.

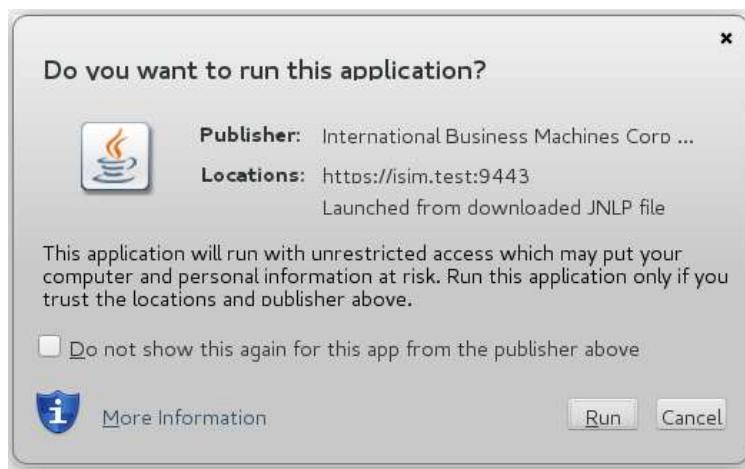
```
echo "https://isim.test:9443" >> ~/.java/deployment/security/exception.sites
```

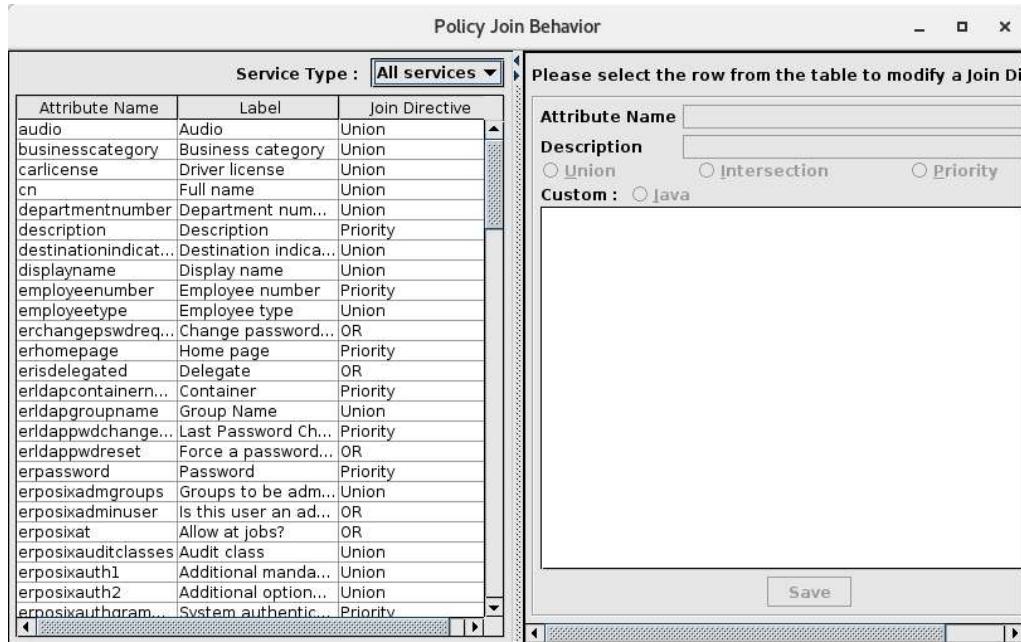


A screenshot of a terminal window titled 'Terminal'. The window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The title bar shows 'root@isim:~'. The main area of the terminal contains the command: [root@isim ~]# echo "https://isim.test:9443" >> ~/.java/deployment/security/exception.sites [root@isim ~]#

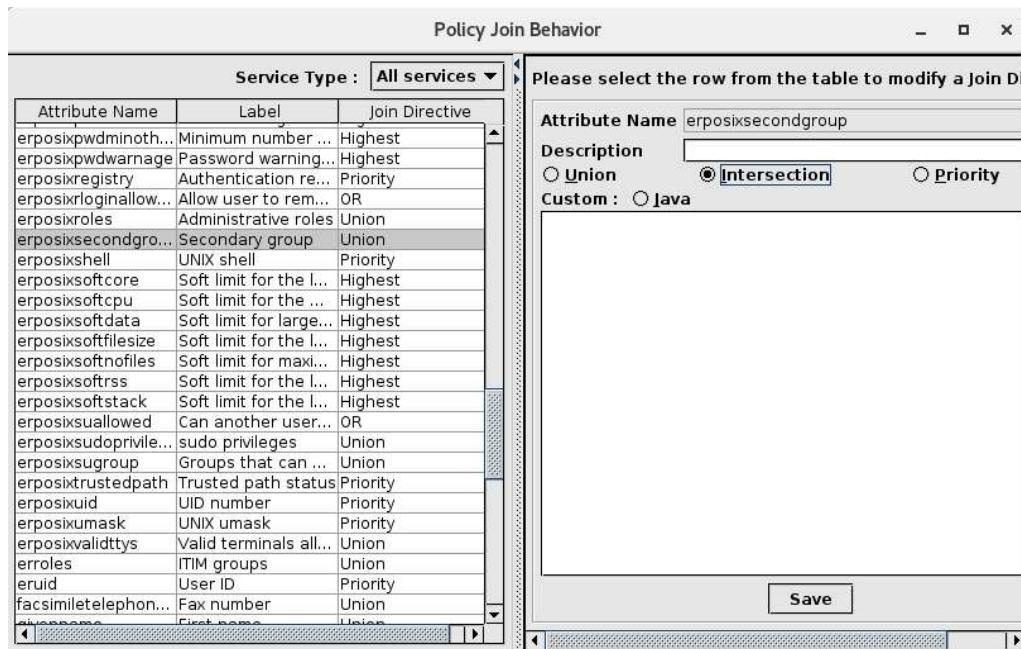
After applying the command:



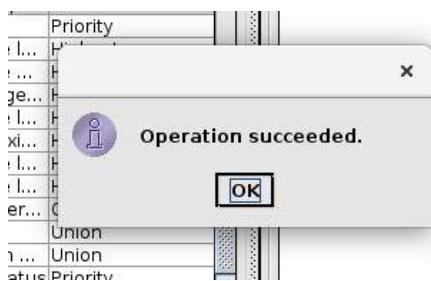




15. Select the PosixLinuxProfile service type. When the window populates with the attribute list, click the attribute erposixsecondgroup.
16. Select Intersection as the join type



17. Click Save. Click OK. Close the Webstart window from the top right corner(x) symbol. Click close.



18. Restart IBM Security Identity Manager for changes to take effect. From the Terminal run below command:

```
/ISIMScripts/restartWAS.sh
```

```
Applications Places Terminal
File Edit View Search Terminal Help
ABRT has detected 1 problem(s). For more info run: abrt-cli list --since 1763903071
[root@isim ~]# /ISIMScripts/restartWAS.sh
ADMU0116I: Tool information is being logged in file
        /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/logs/server1/stopServer.log
ADMU0128I: Starting tool with the AppSrv01 profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.

ADMU0116I: Tool information is being logged in file
        /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/logs/server1/startServer.log
ADMU0128I: Starting tool with the AppSrv01 profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server server1 open for e-business; process id is 4340
ISIM WAS RESTART COMPLETED
[root@isim ~]#
```

Adding another new person

19. On the Home tab, go to Manage Users.
20. Click Create and add the following 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 users

*Business unit
JK Enterprises

Select User type

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

Manage Users > Create User > Personal Information

To create a new user, type information about the user in the fields. When you

Personal Information	
Business Information	*Last name <input type="text" value="Join"/>
Contact Information	*Full name <input type="text" value="Ima Join"/>
Assignment Attributes	*Preferred user ID <input type="text" value="ijoin"/>
First name <input type="text" value="Ima"/>	
Initials <input type="text"/>	
Home address <input type="text"/>	
Shared secret <input type="text"/>	
Organizational roles <input type="text"/> JKE System Admin <input type="button" value="Add"/> <input type="button" value="Search..."/> <input type="button" value="Delete"/>	

Create User

<u>*Personal Information</u> <u>Business Information</u> Business Information <u>Contact Information</u> <u>Assignment Attributes</u>	<p>Manage Users > Create User > Business Information</p> <p>To create a new user, type information about the user in the fields. When you are done specifying information, click Continue.</p> <p>Office number <input type="text"/></p> <p>Employee number <input type="text"/></p> <p>Title <input type="text"/> Manager</p> <p>Manager <input type="text"/> Manager <input type="button" value="Search..."/> <input type="button" value="Clear"/></p> <p>Postal address <input type="text"/></p> <p>Administrative assistant <input type="text"/> Manager <input type="button" value="Search..."/> <input type="button" value="Clear"/></p>
<input type="button" value="Continue"/> <input type="button" value="Cancel"/>	

Create User

<u>*Personal Information</u> <u>Business Information</u> <u>Contact Information</u> Contact Information <u>Assignment Attributes</u>	<p>Manage Users > Create User > Contact Information</p> <p>To create a new user, type information about the user in the fields. When you are done specifying information, click Continue.</p> <p>E-mail address <input type="text"/> ijoin@jke.test</p> <p>Telephone number <input type="text"/></p> <p>Mobile telephone number <input type="text"/></p> <p>Pager <input type="text"/></p> <p>Home telephone number <input type="text"/></p> <p>Aliases <input type="text"/> <input type="button" value="Add"/> <input type="text"/> <input type="button" value="Delete"/></p>
<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 system generate a password or allow you to type a password.

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 11/23/2025	Time 7:36 PM
--------------------	-----------------

[Submit](#) [Cancel](#)

21. Submit the person. Click Close.

Create User

Manage Users > Create User > Success

You successfully submitted a request for **November 23, 2025 at 7:37 PM** to create user **Ima Join**.

[Other Tasks](#)

[View my request](#)
[Create another user](#)

[Close](#)

Verifying the groups that are assigned to Ima Join

22. As root on the isim.test host, use the following command in a terminal window to see to which groups Ima is assigned:

```
groups ijoin
```

With the new join directive of Intersection, Ima is assigned only to the following groups:

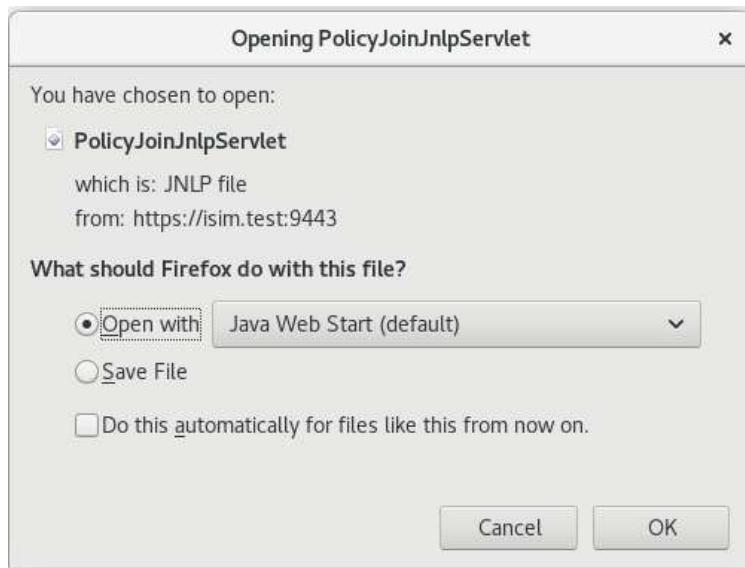
- printadmin

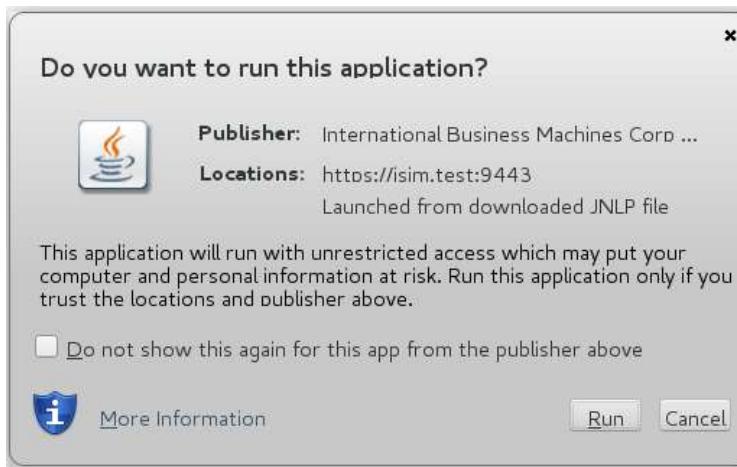
```
root@isim:~#
File Edit View Search Terminal Help
[root@isim ~]# groups ijoin
ijoin : ijoin printadmin
[root@isim ~]#
```

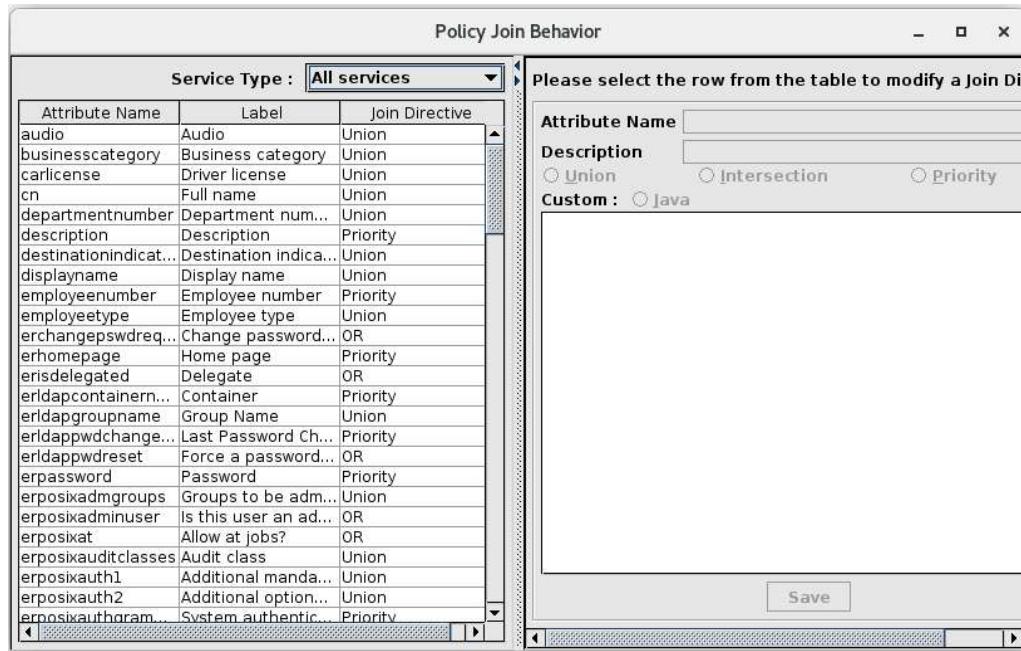
Setting the join directive for erposixsecondgroup back to Union

Now that you have seen the effect of the join directive, you will reset the join directive for erposixsecondgroup to union.

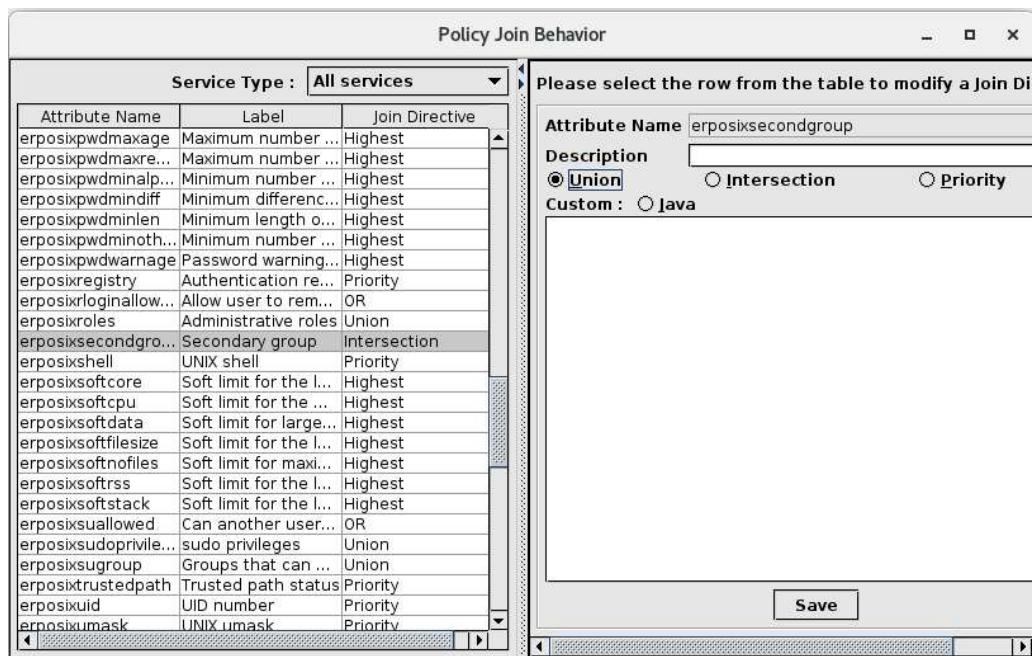
23. On the Home tab, you go to Configure System > Configure Policy Join Behaviors. Select Open it using Java Webstart(default). Click OK. Click Continue. Accept terms and conditions. Click Run. Click Run again. It might take a minute for the Java applet to load for the first time.



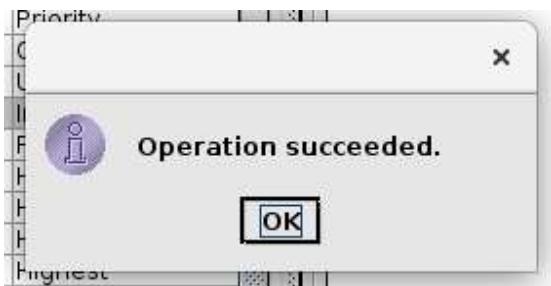




24. Select the PosixLinuxProfile service type. When the window populates with the attribute list, click the attribute erposixsecondgroup.
25. Select Union as the join type.



26.Click Save and click Close.



27. Click Logout.

28. Restart IBM Security Identity Manager for changes to take effect. From the Terminal run below command:

/ISIMScripts/restartWAS.sh

```
Applications Places Terminal
File Edit View Search Terminal Help
[root@isim ~]# /ISIMScripts/restartWAS.sh
ADMU0116I: Tool information is being logged in file
        /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/logs/server1/stopServer.log
ADMU0128I: Starting tool with the AppSrv01 profile
ADMU3100I: Reading configuration for server: server1
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.

ADMU0116I: Tool information is being logged in file
        /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/logs/server1/startServer.log
ADMU0128I: Starting tool with the AppSrv01 profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
^[[DADMU3000I: Server server1 open for e-business; process id is 7834
ISIM WAS RESTART COMPLETED
[root@isim ~]#
```

A screenshot of a Linux terminal window. The title bar shows 'Terminal'. The menu bar includes 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The command '/ISIMScripts/restartWAS.sh' is entered and executed. The terminal displays log messages from the WebSphere Application Server (ADMU) tool, indicating the stopping and starting of the server. It shows the server stopping, waiting for stop status, completing the stop, then starting again, launching, reading configuration, and finally launching successfully with a process ID of 7834. The message 'ISIM WAS RESTART COMPLETED' is also displayed.

Exercise 9 : De-provisioning an account

In this exercise, you de-provision the Linux account for Ima Join.

1. On the Home tab, go to Manage Users.
2. Click Refresh to display all users
3. Click the small arrow to the right of Ima Join and click Accounts. Click Refresh..

The screenshot shows a list of users on the left and their accounts on the right. A context menu is open for the user 'Ima Join'. The menu items are: Change, Delete, Change Passwords, Suspend, Restore, Delegate Activities..., Request Accounts..., Accounts... (which is highlighted), Request Access..., Access..., and Recertify... . To the right of the menu, there is a table of accounts:

JK Enterprises	Active
Americas	Active
AP	Active
EMEA	Active
TechSupport	Active
AP	Active
JK Enterprises	Active
AP	Active
TechSupport	Active
TechSupport	Active

The screenshot shows the 'Manage Accounts' page. At the top, there is a search bar with 'Account information' and 'Search by' options ('User ID' is selected). Below the search bar is a table titled 'Manage Users > Accounts' with the following columns: Request..., Change, Delete, Suspend, Restore, Change Category, Refresh, User ID, Service Name, Ownership Type, and Status. The table contains two rows for the service account 'ijoin':

User ID	Service Name	Ownership Type	Status
ijoin	ITIM Service	Individual	Active
ijoin	Linux Service	Individual	Active

At the bottom of the table, it says 'Page 1 of 1' and 'Total: 2 Displayed: 2 Selected: 0'. There is also a 'Close' button at the bottom left.

4. Click the small arrow to the right of Ima's Linux Service account and click Delete. Click Close.

Manage Users > Accounts

To perform a particular task on an account for **Ima Join**, click the icon next to the name of the user, and then select the task that you want to perform.

2 results found for: *

<input type="checkbox"/>	S ^	User ID	Service Name	Ownership Type	Status
<input type="checkbox"/>	ijoin	ITIM Service	Individual	Active	
<input type="checkbox"/>	ijoin	ITIM Service	Individual	Active	

Page 1 of 1 | Total: 2 Displayed

Delete Accounts

Manage Accounts > Delete Accounts > Confirm

You have chosen to delete the following accounts for **Ima Join**:

- ijoin on Linux Service

Are you sure you want to proceed?

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date 11/23/2025	Time 9:06 PM
--------------------	-----------------

Are you sure you want to proceed?

Delete **Cancel**

Delete Accounts

Error

An error occurred while processing your request.

CTGIMU005E
 An error occurred while trying to delete accounts.

CTGIMI019E
 The following accounts cannot be deleted since these accounts are governed by automatic provisioning policy: ijoin- Linux Service- Ima Join

Close

Explain why the operation was successful or not successful?

- The system you are using has automatic provisioning policies.

These policies control and manage certain accounts automatically, meaning:

- ◆ The accounts are created, updated, and deleted by a provisioning engine or policy.
- ◆ Because of this, you cannot manually delete them from the interface you are using.

In this case, the accounts are linked to the policy:

ijoin – Linux Service – Ima Join

Since this policy manages the account lifecycle, the system blocks manual deletion to prevent conflicts or policy violations.

Exercise 10 : Creating a service selection policy

In this exercise, you create a service selection policy to provision a Linux account to users whose last name begins with the letters M through Z.

1. On the Home tab, go to Manage Policies > Manage Service Selection Policies.

2. Create a new service selection policy with the following information:

Manage Service Selection Policies

*General <ul style="list-style-type: none"> Service Type *Service Selection Script 	<p>Manage Policies > Manage Service Selection Policies > General</p> <p>Type the name of the service selection policy and a brief description. Select a business unit to you are done, click Submit Now, or Schedule Submission.</p> <p>*Name Linux Service based on last name</p> <p>Caption <input type="text"/></p> <p>Description <input type="text"/></p> <p>Keywords <input type="text"/></p> <p>*Business unit JK Enterprises <input type="button" value="Search..."/></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>Status <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled</p>
<input type="button" value="Submit Now"/> <input type="button" value="Schedule Submission"/> <input type="button" value="Test"/> <input type="button" value="Cancel"/>	

Manage Service Selection Policies

*General <ul style="list-style-type: none"> Service Type *Service Selection Script 	<p>Manage Policies > Manage Service Selection Policies > Select the Type of Service</p> <p>To associate the service selection policy with a service type, select the service type. The policy applies to a specify.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Select</th> <th>Service Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td><input type="radio"/></td> <td>ITIM</td> <td>Default Service Type used for ITIM accounts</td> </tr> <tr> <td><input type="radio"/></td> <td>LDAP profile</td> <td>LDAP service profile</td> </tr> <tr> <td><input type="radio"/></td> <td>POSIX AIX profile</td> <td>AIX accounts service profile</td> </tr> <tr> <td><input type="radio"/></td> <td>POSIX HP-UX profile</td> <td>HP-UX accounts service profile</td> </tr> <tr> <td><input checked="" type="radio"/></td> <td>POSIX Linux profile</td> <td>Linux accounts service profile</td> </tr> <tr> <td><input type="radio"/></td> <td>POSIX Solaris profile</td> <td>Solaris accounts service profile</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 6 Displayed: 6 Selected: 1</p>	Select	Service Type	Description	<input type="radio"/>	ITIM	Default Service Type used for ITIM accounts	<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
Select	Service Type	Description																				
<input type="radio"/>	ITIM	Default Service Type used for ITIM accounts																				
<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																				
<input type="button" value="Submit Now"/> <input type="button" value="Schedule Submission"/> <input type="button" value="Test"/> <input type="button" value="Cancel"/>																						

Manage Service Selection Policies

<ul style="list-style-type: none"> *General Service Type *Service Selection Script 	<p>Manage Policies > Manage Service Selection Policies > Service Selection Script</p> <p>To select a service, type a selection script below. Click Test to check the script for errors. To validate and u</p> <pre>*Script var service = null; var serviceArray = ServiceSearch.searchByFilter("({erServiceName=Linux}").1); if (serviceArray != null && serviceArray.length > 0) service = serviceArray[0]; var sn = subject.getProperty("sn")[0]; if (sn>="M") return service; else return null;</pre> <p>Submit Now Schedule Submission Test Cancel</p>
--	---

3. Click Submit Now to submit the new service selection policy.

Manage Service Selection Policies

Manage Policies > Manage Service Selection Policies > Success

You successfully submitted the following:

Operation: **Add**
Service Selection Policy Name: **Linux Service based on last name**
Run:**Immediate**.

The Changes might take few minutes to take effect

Other Tasks

[Manage other service selection policy](#)
[View my request](#)

Close

Exercise 11 : Creating a provisioning policy using the service selection policy

In this exercise, you create a provisioning policy that will use the service selection policy to provide Linux accounts to users whose last name begins with the letters M through Z..

1. On the Home tab, go to Manage Policies > Manage Provisioning Policies.
2. Create a new provisioning policy with the following information:

Manage Provisioning Policies

<ul style="list-style-type: none"> +General +Members +Entitlements 	<p>Manage Policies > Manage Provisioning Policies > General</p> <p>Specify information for the policy, the business unit to which the policy applies, and the tabs, click Preview to review your changes, or click Save as Draft if you want to save the changes without closing the dialog. Click Cancel to exit without saving your changes.</p> <p>*Policy name M-Z Linux Accounts</p> <p>Caption</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>Description</p> <p>Policy status <input checked="" type="radio"/> Enable <input type="radio"/> Disable</p> <p>*Priority (integer greater than 0) 1000</p> <p>Keywords</p> <p>*Business unit JK Enterprises <input type="button" value="Search..."/></p> <p>Buttons: Submit Preview... Save as Draft Cancel</p>
---	---

Manage Provisioning Policies

<ul style="list-style-type: none"> +General +Members +Entitlements 	<p>Manage Policies > Manage Provisioning Policies > Members</p> <p>Members are the set of users that are granted entitlements through a policy. Specify which members are granted the entitlements by selecting all users in the organization, individual roles, or all users who are not defined in other policies. If you choose to select individual users, you can also define specific roles.</p> <p>*Member Type <input checked="" type="radio"/> All users in the organization <input type="radio"/> All other users who are not granted to the entitlement(s) defined by this provisioning policy via other policies <input type="radio"/> Roles specified below</p> <p>Buttons: Submit Preview... Save as Draft Cancel</p>
---	---

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Account Entitlement

Account entitlement enables accounts to be created on the specified services. Specify the scope of the entitlement.

Provisioning options

Manual
 Automatic

Ownership type

Individual

Target type

Service Selection Policy

Service type

POSIX Linux profile

Governing service selection policy name

Linux Service based on last name

Workflow

Search... Clear

OK Cancel

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlements

Specify the entitlements that are associated with this policy. You can select and then change and delete the attributes of an entitlement.

Created	Changed	Deleted	Parameters		
Select	Name	Target type	Provision Option	Ownership type	Service tags
<input type="checkbox"/>	POSIX Linux profile	Service Selection Policy	Automatic	Individual	

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

Submit Preview... Save as Draft Cancel

3. Preview the provisioning policy to confirm that new accounts are provisioned for users with last names starting with M through Z. Click Close.

Manage Service Selection Policies

Manage Policies > Manage Provisioning Policies > Preview Policy Summary

Use this summary page to preview the impact of the provisioning policy on user accounts. You can click the Evaluation button. This summary is automatically updated every 10 seconds until policy evaluation is complete.

Evaluation status: Completed

Accounts evaluated: 19

Error account: 0 accounts

Provision new account: 14 accounts

- ▷ Disallowed account: 0 accounts
- ▷ **Noncompliant account: 5 accounts**
- ▷ Compliant account: 0 accounts

[Stop Evaluation](#) [Close](#)

4. Submit the new provisioning policy.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date: 11/25/2025 Time: 7:09 PM

[Submit](#) [Cancel](#)

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Success

You successfully scheduled for creation the provisioning policy named **M-Z Linux Accounts**

Other Tasks

[Manage other provisioning policies](#)
[View my request](#)

[Close](#)

5. Click View My Request. Click Refresh till the request is completed. Review the completed request detail to see which users are provisioned Linux accounts.

View All Requests by User

View Requests > View All Requests by User

To locate a user whose requests you want to view, click Search. To view requests for this user, select a date range, and then click Search Requests.

*User name
System Administrator

*Start date 11/25/2025 *Time 12:00 AM

*End date 11/25/2025 *Time 11:59 PM

*Status
 Errors
 Warnings
 Success
 Pending

Requests

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

8 requests were submitted by ITIM Manager between November 25, 2025 and November 25, 2025.

<input type="button" value="Cancel Request"/>	<input type="button" value="Refresh"/>	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	Add Provisioning Policy	November 25, 2025 7:10:37 PM	System Administrator			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	Add Service Selection Policy	November 25, 2025 6:55:17 PM	System Administrator			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	New User	November 25, 2025 6:26:03 PM	System Administrator	Ima Join		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	New User	November 25, 2025 5:06:29 PM	System Administrator	Uma Join		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	Modify Provisioning Policy	November 25, 2025 4:59:08 PM	System Administrator			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	Modify Provisioning Policy	November 25, 2025 4:37:28 PM	System Administrator			
<input type="checkbox"/>	<input checked="" type="checkbox"/> Success	Multi Account Adopt	November 25, 2025 4:06:50 PM	System Administrator			

Exercise 12 : Enforcing policy compliance

Task 1. Finding and examining non-compliant accounts

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

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"/>	<input type="checkbox"/> Service Name	Description	Service T...	Business...	Access Name	Access Stat...	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			
<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

2. Click the small arrow to the right of Linux Service and click Accounts. Click Refresh to show all the 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.

7 results found for: *

<input type="checkbox"/>	<input type="checkbox"/> Service Name	Description	Service T...	Business...	Access Name	Access Stat...	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		Change Delete Set Up Reconciliation Configure Policy Enforcement... Manage Groups... Request Accounts...	SIX Linux file data feed	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>	TDI feed			JK Enterprises				
<input type="checkbox"/>	TechSupport LDAP		Accounts...	AP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application

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

Accounts...

- Customize Account Form...
- Delete Account Form...
- Account Recertification Status...
- Account Defaults...
- Reconcile Now
- Enforce Policy
- Retry Blocked Requests

Close

- Click the State column header arrow twice to sort the list by state - descending. All marked accounts are at the top of the list.

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.

82 results found for: *



The table has columns: Request..., Change, Delete, Suspend, Resync, Assign to User, Refresh, S, Sta..., User ID, Owner, Ownership Type, Status. The rows list user IDs like iibn-s, tbraha, rsanch, ddrive, iayom, jwright, vyoung, dgoto, bcarlt, sthoma, eabbot, dadams, asmyth, ecarr, abrt, and adm. The 'Owner' column lists names like Ibrahim Ibn-Saud, Tycho Braha, Raphael Sanchez, Dianne Driver, Ivan Ayom, John Wright, Vince Young, Dengo Goto, Brad Carlton, Sue Thomas, Edwin Abbott, Douglas Adams, Alice Smyth, Erica Carr, and Linux System-Accounts. The 'Ownership Type' column shows Individual for most users and System for Linux System-Accounts. The 'Status' column shows Active for most users and Inactive for Linux System-Accounts. Yellow warning icons are placed next to iibn-s, tbraha, rsanch, ddrive, iayom, jwright, vyoung, dgoto, bcarlt, sthoma, eabbot, dadams, asmyth, ecarr, and abrt.

- Click the small yellow warning icon to see the non-compliant attributes.

Manage Accounts

Manage Services > Manage Accounts > Noncompliant Account Attributes

The following attributes for account **iibn-s** on service **Linux Service** are noncompliant.



The table has columns: Attribute, Non-Compliant Value, Suggested Value. The row shows Secondary group with Non-Compliant Value as printadmin and Suggested Value as printadmin. Below the table, it says Page 1 of 1, Total: 1, Displayed: 1. A Close button is at the bottom left.

The non-compliance is due to the secondary group attribute not matching the mandatory groups that you specified in the provisioning policies.

Task 2. Correcting non-compliance

- On the Home tab, go to Manage Services.
- Click the small arrow to the right of Linux Service and click Configure Policy Enforcement.

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	<input type="button"/> Change	<input type="button"/> Delete	<input type="button"/> Export Access Data	<input type="button"/> Import Access Data	<input type="button"/> Enable Access	<input type="button"/> Disable Access	<input type="button"/> Refresh
	Service Name	Description	Service Type	Business Unit	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	Set Up Reconciliation	SIX Linux file	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>	TDI feed	Configure Policy Enforcement...	data feed	JK Enterprises			
<input type="checkbox"/>	TechSupport LDAP	Manage Groups... Request Accounts... Accounts... Customize Account Form... Delete Account Form... Account Recertification Status... Account Defaults... Reconcile Now Enforce Policy Retry Blocked Requests	AP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application

Page 1 of 1 | Total

Close

7. Set the enforcement action to Correct. Click Continue.

Configure Policy Enforcement Behavior

Manage Services > Configure Policy Enforcement Behavior > Select Action

To resolve non-compliant accounts on the **Linux Service** service, select an enforcement action below.

Enforcement Action

Mark
 Suspend
 Correct
 Alert
 Use Global Enforcement Action: Mark

Continue Cancel

8. Submit the request.

Configure Policy Enforcement Behavior

Manage Services > Configure Policy Enforcement Behavior > Confirm

You have chosen to change the policy enforcement action for the **Linux Service** service. C

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date	Time
11/25/2025	7:53 PM

Are you sure you want to proceed?

Submit **Cancel**

9. Click View My Request. Click Refresh till the request is completed. Review the completed request detail to see which user's Linux accounts are modified. Refresh the account list on Manage Accounts Tab to confirm all accounts are now compliant.

View All Requests

View Requests > View All Requests

To view your requests, select the time period for the set of requests, and then click Search Requests.

Request type

Time Interval

Search Requests **Reset**

More Search Criteria

Requests

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

11 requests were submitted between **November 25, 2025** and **November 25, 2025**.

<input type="button" value="Cancel Request"/>	<input type="button" value="Refresh"/>	Select	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name
		<input type="checkbox"/>	Success	Change Policy Enforcement Action	November 25, 2025 7:53:20 PM	System Administrator		Linux Service
		<input type="checkbox"/>	Add Provisioning		November 25, 2025	System		

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.				
82 results found for: *				
<input type="button" value="Request..."/> <input type="button" value="Change"/> <input type="button" value="Delete"/> <input type="button" value="Suspend"/> <input type="button" value="Restore"/> <input type="button" value="Assign to User"/> <input type="button" value="Refresh"/>				
<input type="checkbox"/>	S ^	Sta... ▲	User ID	Owner
<input type="checkbox"/>			abrt	▶ Linux System-Accounts
<input type="checkbox"/>			adm	▶ Linux System-Accounts
<input type="checkbox"/>			asmyth	▶ Alice Smyth
<input type="checkbox"/>			avahi	▶ Linux System-Accounts
<input type="checkbox"/>			bcarlt	▶ Brad Carlton
<input type="checkbox"/>			bin	▶ Linux System-Accounts
<input type="checkbox"/>			bmidla	▶ Brent Midland
<input type="checkbox"/>			bsmith	▶ Bob Smith
<input type="checkbox"/>			bweir	▶ Robert Weir
<input type="checkbox"/>			chrony	▶ None
<input type="checkbox"/>			colord	▶ None
<input type="checkbox"/>			dadams	▶ Douglas Adams
<input type="checkbox"/>			daemon	▶ Linux System-Accounts
<input type="checkbox"/>			db2admin	▶ None
<input type="checkbox"/>			db2fenc1	▶ None
<input type="checkbox"/>			dbus	▶ Linux System-Accounts
<input type="checkbox"/>			ddrive	▶ Dianne Driver
<input type="checkbox"/>			dgoto	▶ Dengo Goto
<input type="checkbox"/>			eabbot	▶ Edwin Abbott
<input type="checkbox"/>			ecarr	▶ Erica Carr
<input type="checkbox"/>			fsalep	▶ Frederick Saleph
<input type="checkbox"/>			ftp	▶ Linux System-Accounts
<input type="checkbox"/>			games	▶ Linux System-Accounts
<input type="checkbox"/>			gdm	▶ Linux System-Accounts
<input type="checkbox"/>			geoclue	▶ None
...		
...		

Task 3. Set policy enforcement back to Mark

In order to prevent unintended account changes or deletions, you set the policy enforcement back to Mark.

10. Return to Manage Services
11. Click the small arrow to the right of Linux Service and click Configure Policy Enforcement.

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	
Sel...	Stat...	Service Name	Description	Service T...	Business...	Access Name	Access Stat...	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	Set Up Reconciliation	SIX Linux file	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>		TDI feed	Configure Policy Enforcement...	data feed	JK Enterprises			
<input type="checkbox"/>		TechSupport LDAP	Accounts...	AP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application

Page 1 of 1 | Total:

[Close](#)

[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](#)

12. Set the enforcement action to Mark. Click Continue.

Configure Policy Enforcement Behavior

Manage Services > Configure Policy Enforcement Behavior > Select Action

To resolve non-compliant accounts on the **Linux Service** service, select an enforcement action below.

Enforcement Action

Mark
 Suspend
 Correct
 Alert
 Use Global Enforcement Action: Mark

[Continue](#) [Cancel](#)

13. Click Submit.

Configure Policy Enforcement Behavior

Manage Services > Configure Policy Enforcement Behavior > Success

You have successfully saved the policy enforcement settings for the **Linux Service** service.

Other Tasks

[View my request](#)

[Close](#)

Exercise 13 : Creating a Linux Service

In this exercise, you create an application access. You then request the access through the IBM Security Identity Manager Identity Service Center(ISC).

Task 1. Defining the access

1. On the Home tab, you go to Manage Services.
2. Click the small arrow to the right of Linux Service and click Manage Groups. Search for the games group.

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"/>	Service Name	Description	Service Type	Business Unit	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	Change Delete Set Up Reconciliation Configure Policy Enforcement...	SIX Linux file data feed	JK Enterprises	Linux Service	Access Enabled	Application
<input type="checkbox"/>	TDI feed	Manage Groups... Request Accounts... Accounts... Customize Account Form... Delete Account Form... Account Recertification Status... Account Defaults... Reconcile Now Enforce Policy Retry Blocked Requests	JK Enterprises				
<input type="checkbox"/>	TechSupport LDAP		AP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application

Page 1 of 1 Total:

Manage Groups

Manage Groups > Select Group

To locate a group on **Linux Service** service, type information about the group name or description in the field, and then click **Search**. The groups the 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 'abc'.)

Search by Group name or description Access name

Search information: games

Group Type: All

Groups

You can add, change, or delete groups. Select the group in the table, and then click the appropriate button.

1 results found for: games

<input type="checkbox"/>	Group Name	Description	Group Type	Access Name	Access Status	Access Type
<input type="checkbox"/>	games	Linux groups			Access Disabled	

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

3. Click the group name games.
4. On the Access Information tab, select the check box for Define an Access.
5. Select Enable Common Access. Type the access name of Tetris. Select the access type Application. Select a workflow of No Approval Required. Select both notification options.

Manage Groups

General Information *Access Information	<p>Manage Groups > Change Group > Access Information</p> <p>Select the Define an Access check box to activate the access fields. Specify the access information enable access requests by users and specify whether or not the access will appear in the Comm information in the fields will be cleared when the operation is completed.</p> <p><input checked="" type="checkbox"/> Define an Access</p> <p>Access status <input type="radio"/> Enable Access <input checked="" type="radio"/> Enable Common Access <input type="radio"/> Disable Access</p> <p>*Access name <input type="text" value="Tetris"/></p> <p>Access type for this group</p> <p>▼ Change access type To change the access type, expand the tree and select the access type. To leave the access root node.</p> <p>⊖- Access Types <input type="checkbox"/> Application <input type="checkbox"/> E-mail group <input type="checkbox"/> Role <input type="checkbox"/> Shared folder</p> <p>Access description</p> <p>Access owner</p> <p>Approval workflow <input type="button" value="No Approval Required"/></p> <p><input checked="" type="checkbox"/> Notify users when access is provisioned and available for use <input checked="" type="checkbox"/> Notify users when access is de-provisioned</p> <p>Access icon No URL is set. The access type icon will be used. Image preview</p>
--	---

6. Click OK to save the form.



7. Click Log Out. Close Firefox.

Task 2. Requesting access

Accesses are usually request based. In this task, you log in to the IBM Security Identity Manager Identity Service Center(ISC) and request an access.

8. Open Firefox. Enter the URL - <https://isim.test:9443/itim/ui/Login.jsp> for the Identity Service Center (ISC) console or click the bookmark
9. Log in as user asmyth, with password P@ssw0rd

The screenshot shows the "IBM Security Identity Manager" login page. It features a "User ID" field containing "asmゆth" and a "Password" field showing masked input. A "Log in" button is visible. To the right, a sidebar titled "Log on to Identity Service Center to perform the following activities:" lists four options: "Manage access" (with a lock icon), "Manage activities" (with a person icon), "View requests" (with an envelope icon), and "Manage profiles" (with a user icon). A "Language: English - English" dropdown is also present. At the bottom, a copyright notice reads: "Licensed Materials - Property of IBM Corp. © IBM Corporation™ 5724-C34 and its licensors® 2002, 2019. All rights reserved. IBM, the IBM logo are trademarks of IBM Corporation in the United States, other countries, or both. Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates. Other company, product or service names may be trademarks or service marks of others."

10. Click Request Access. Request access to the Tetris application. (Scroll down and find the Tetris application)

The screenshot shows the IBM Security Identity Manager interface. At the top, there are several navigation links: View Access, Request Access, Edit and Delete Access, My Activities, View Requests, and View Profile. Below these are three smaller boxes: Change Password, Change Access Password, and Delegate Activities. The main area is titled "Request Access" and shows a list of organizational roles. One role, "Tetris", is highlighted with a blue border. The URL bar at the bottom indicates the page is "Identity Service Center - Mozilla Firefox".

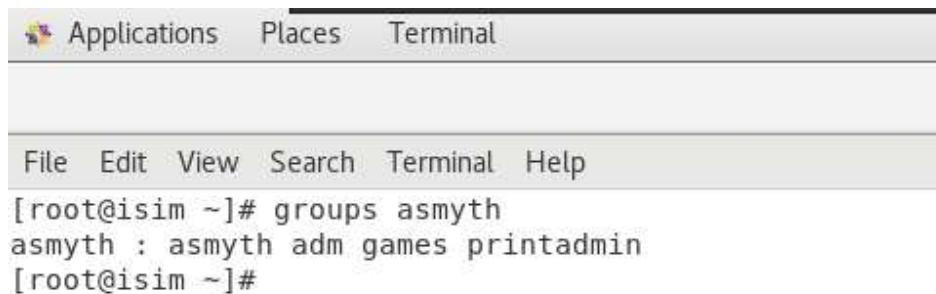
11. Click Next. Enter justification – required and Click Submit.

The screenshot shows the "Provide Required Information" step of the request process. It displays a table with two columns: "Justification for this request" and "Required". The "Required" column contains the text "Registred". The URL bar at the bottom indicates the page is "Identity Service Center - Mozilla Firefox".

12. To confirm successful provisioning, open a terminal and issue:

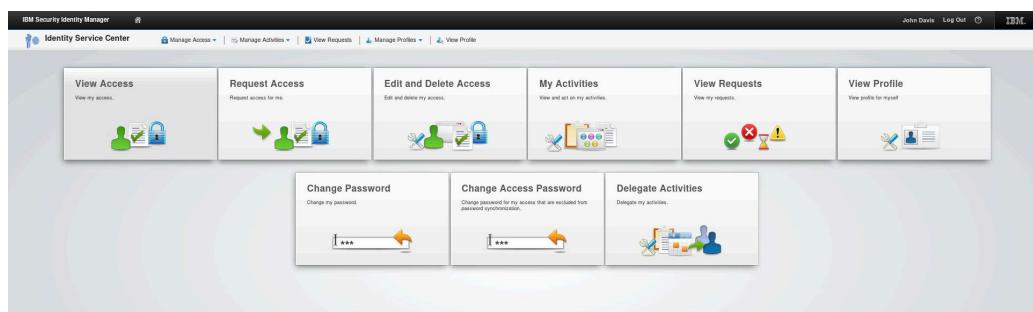
```
groups asmyth
```

Confirm games is in the list of groups.

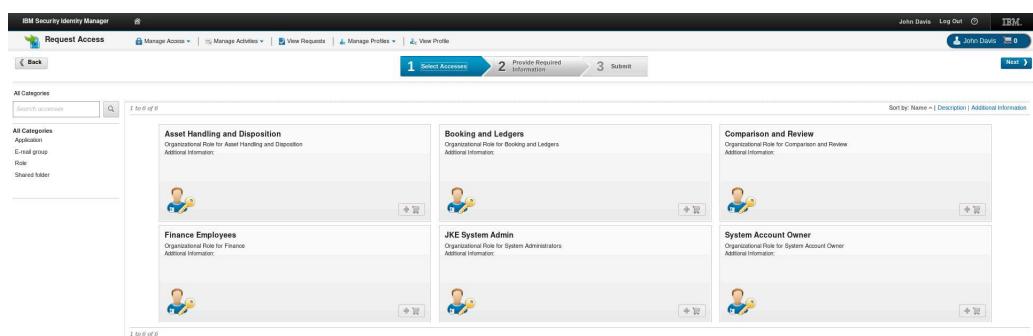


```
[root@isim ~]# groups asmyth
asmyth : asmyth adm games printadmin
[root@isim ~]#
```

13. Log out and log back in to the ISC console as John Davis, with user id jdavis and password P@ssw0rd



14. Click Request Access. Notice that the Tetris access is not available.



John is not a member of any provisioning policies that entitle him to a Linux Account that allows the games secondary group. Consequently, John is not

permitted the Tetris access, which is based on the games group. Users need entitlement to request an access.

15. Logout of the Identity Service center(ISC). Close Firefox.

Exercise 14 : Provisioning shared folder access on TechSupport LDAP

In this exercise, you work with an access on IBM SDS LDAP.

Task 1. Updating provisioning policy

In this task, you modify the TechSupport LDAP provisioning policy to permit the TechSupport Help Desk employees access to the TechSupport LDAP Service.

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, you go to Manage Policies > Manage Provisioning Policies.
3. Click the policy named Default Provisioning Policy for service TechSupport LDAP to edit it.

Provisioning Policies

You can create, change, or delete a provisioning policy. Select the policy, and then click the appropriate button to select th

6 results found for: *

<input type="checkbox"/> Select ^	Provisioning Policy	Description	Status	Priority	Business... ^
<input type="checkbox"/>	Admin Linux Accounts	Created during service creation	Enabled	100	JK Enterprises
<input type="checkbox"/>	Default provisioning policy for ITIM	Allow everyone to be provisioned for an ITIM account.	Enabled	10,000,000	JK Enterprises
<input type="checkbox"/>	Default Provisioning Policy for service TechSupport LDAP	Created during service creation	Disabled	10,000,000	JK Enterprises
<input type="checkbox"/>	Manager Linux Accounts		Enabled	50	JK Enterprises
<input type="checkbox"/>	M-Z Linux Accounts		Enabled	1,000	JK Enterprises
<input type="checkbox"/>	System Linux Accounts		Enabled	10,000	JK Enterprises

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

4. Modify the provisioning policy to match the following information.

Manage Provisioning Policies

<ul style="list-style-type: none"> <input checked="" type="radio"/> General <input type="radio"/> Members <input type="radio"/> Entitlements 	<p>Manage Policies > Manage Provisioning Policies > General</p> <p>Specify information for the policy, the business unit to which the policy applies, and the tabs. Click Preview to review your changes, or click Save as Draft if you want to save Click Cancel to exit without saving your changes.</p> <p>*Policy name Help Desk LDAP Accounts</p> <p>Caption</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>Description Created during service creation</p> <p>Policy status <input checked="" type="radio"/> Enable <input type="radio"/> Disable</p> <p>*Priority (integer greater than 0) 1000</p> <p>Keywords</p> <p>*Business unit JK Enterprises</p> <p>Submit Preview... Save as Draft Cancel</p>
---	---

Manage Provisioning Policies

<ul style="list-style-type: none"> <input checked="" type="radio"/> General <input checked="" type="radio"/> Members <input type="radio"/> Entitlements 	<p>Manage Policies > Manage Provisioning Policies > Members</p> <p>Members are the set of users that are granted entitlements through a policy. Specify which members in the organization, individual roles, or all users who are not defined in other policies. If you change this policy, it will affect all users assigned to this policy.</p> <p>*Member Type <input type="radio"/> All users in the organization <input type="radio"/> All other users who are not granted to the entitlement(s) defined by this provisioning policy <input checked="" type="radio"/> Roles specified below</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Add</th> <th>Remove</th> </tr> <tr> <th>Select</th> <th>Name</th> <th>Description</th> <th>Business u...</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Help Desk</td> <td>TechSupport help desk</td> <td>TechSupport</td> </tr> </tbody> </table> <p>Page 1 of 1 Total: 1 Displayed: 1 Selected: 0</p> <p>Submit Preview... Save as Draft Cancel</p>	Add	Remove	Select	Name	Description	Business u...	<input type="checkbox"/>	Help Desk	TechSupport help desk	TechSupport
Add	Remove										
Select	Name	Description	Business u...								
<input type="checkbox"/>	Help Desk	TechSupport help desk	TechSupport								

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Account Entitlement

Account entitlement enables accounts to be created on the specified services. Specify the scope of provisioning.

Provisioning options

Manual
 Automatic

Ownership type

Individual

Target type

Specific Service

*Service Name

TechSupport LDAP

Search...

Workflow

Search... Clear

OK Cancel

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view or click Delete.

	Name	Template value	Enforcement	Type
<input type="checkbox"/>	Selected			
Total: 0 Displayed: 0 Selected: 0				

Continue Cancel

<input type="checkbox"/>	Force a password change at next logon?
<input checked="" type="checkbox"/>	Group Name
<input type="checkbox"/>	Home address

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define Constant

To define an entitlement parameter for **Group Name** attribute, select a parameter type, enforcement type and enter the group name.

Parameter Type

Constant Value
 JavaScript
 Null
 Regular Expression

Enforcement Type

Default
 Mandatory
 Allowed
 Excluded

Group Name

cn=JKENetworkShare,ou=TechSuppEmployee	<input type="button" value="Search..."/>
<input type="button" value="Delete"/>	

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Add New Parameter

Select the attributes for new parameters and click Continue. Use the page navigation buttons.

<input type="checkbox"/> Select	Attribute Name
<input checked="" type="checkbox"/>	* Full name
<input type="checkbox"/>	* Last name

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define JavaScript

To define an entitlement parameter for **Full name** attribute, select a parameter type, enforcement type, and the value.

Parameter Type

- Constant Value
- JavaScript
- Null
- Regular Expression

Enforcement Type

- Default
- Mandatory
- Allowed
- Excluded

Value

```
return subject.getProperty("cn");
```

Buttons: Continue | Cancel

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Add New Parameter

Select the attributes for new parameters and click Continue. Use the page navigation buttons.

<input type="checkbox"/> Select	Attribute Name
<input type="checkbox"/>	* Full name
<input checked="" type="checkbox"/>	* Last name
<input type="checkbox"/>	* User ID

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define JavaScript

To define an entitlement parameter for **Last name** attribute, select a parameter type, enforcement type and enter the value.

Parameter Type

- Constant Value
- JavaScript
- Null
- Regular Expression

Enforcement Type

- Default
- Mandatory
- Allowed
- Excluded

Value

```
return subject.getProperty("sn");
```

Continue **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Add New Parameter

Select the attributes for new parameters and click Continue. Use the page navigation buttons

<input type="checkbox"/> Select	Attribute Name
<input type="checkbox"/>	* Full name
<input type="checkbox"/>	* Last name
<input checked="" type="checkbox"/>	* User ID
<input type="checkbox"/>	Account Category
<input type="checkbox"/>	Administrative assistant

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Define JavaScript

To define an entitlement parameter for **User ID** attribute, select a parameter type, enforcement type and value.

Parameter Type

- Constant Value
- JavaScript
- Null

Enforcement Type

- Default
- Mandatory

Value

```
return subject.getProperty("uid");
```

Buttons: Continue | Cancel

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Entitlement Parameter

Select one or more provisioning parameters that you want to change and click Change, or select Create to view or click Delete.

<input type="checkbox"/>	Name	Template value	Enforcement	Type
<input type="checkbox"/>	Group Name	cn=JKENetworkShare,ou...	Allowed	Constant Value
<input type="checkbox"/>	Full name	return subject.getProperty("cn");	Mandatory	JavaScript
<input type="checkbox"/>	Last name	return subject.getProperty("sn");	Mandatory	JavaScript
<input type="checkbox"/>	User ID	return subject.getProperty("uid");	Mandatory	JavaScript

Page 1 of 1 | Total: 4 | Displayed: 4 | Selected: 0

Buttons: Continue | Cancel

The parameter section should look like above.

5. Click Preview to see the effects of the new policy, selecting the option to enforce the entire policy. Click Continue. Wait until the Evaluation Status shows completed. You see three accounts to be marked compliant.

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview Policy Enforcement

You can choose to preview the accounts with policy changes only or you can preview the accounts with the entire policy.

Enforce changes only
 Enforce entire policy

Continue **Cancel**

Provisioning Policy Preview

Manage Policies > Manage Provisioning Policies > Preview Policy Summary

Use this summary page to preview the impact of the provisioning policy on user accounts. You can click Stop Evaluation to stop the evaluation process. The summary is automatically updated every 10 seconds until policy evaluation is completed or stopped.

Evaluation status: Completed
 Accounts evaluated: 3

Error account: 0 accounts
 Provision new account: 0 accounts

- ▶ **Disallowed account: 0 accounts**
- ▶ **Noncompliant account: 0 accounts**
- ▶ **Compliant account: 3 accounts**

Stop Evaluation **Close**

6. Close the preview screen and submit the policy, enforcing the entire policy. Click View My Request and refresh if the request is till pending.

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Schedule

You can choose to enforce this changed policy with changes only or with the entire policy.

Enforce changes only
 Enforce entire policy

Schedule

Choose a time and date to schedule this operation.

Immediate
 Effective date

Date 11/25/2025	Time 10:28 PM
--------------------	------------------

Submit **Cancel**

Manage Provisioning Policies

Manage Policies > Manage Provisioning Policies > Success

You successfully scheduled for modification the provisioning policy named **Help Desk LDAP Accounts**

Other Tasks

[Manage other provisioning policies](#)

[View my request](#)

[Close](#)

View All Requests by User

View Requests > View All Requests by User

To locate a user whose requests you want to view, click Search. To view requests for this user, select a date range, and then click Search Requests.

*User name

*Start date *Time

*End date *Time

*Status
 Errors
 Warnings
 Success
 Pending

Requests

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

11 requests were submitted by ITIM Manager between November 25, 2025 and November 25, 2025.

<input type="button" value="Cancel Request"/>	<input type="button" value="Refresh"/>	Select	Status	Request Type	Date Submitted	Requestor	Requested for	Service Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Success	Modify Provisioning Policy	November 25, 2025 10:29:06 PM	System Administrator			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Success	Change Policy Enforcement Action	November 25, 2025 8:42:17 PM	System Administrator		Linux Service	
<input type="checkbox"/>	<input checked="" type="checkbox"/>		Change Policy	November 25, 2025	System		Linux Service	

Task 2. Creating the access

7. On the Home tab, go to Manage Services. Click the small arrow to the right of TechSupport LDAP Service and click Manage Groups. Search for the JKENetworkShare group.

	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 Stat... ^	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		INetOrgPerson Identity feed	JK Enterprises				
<input type="checkbox"/>	Linux Service		SIX Linux file	JK Enterprises	Linux Service	Access Enabled	Application	
<input type="checkbox"/>	TDI feed		data feed	JK Enterprises				
<input type="checkbox"/>	TechSupport LDAP		AP profile	JK Enterprises	TechSupport LDAP	Access Enabled	Application	

Page 1 of 1 Total: 8 Selected: 0

A context menu is open over the 'TechSupport LDAP' service, listing options: 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, and Retry Blocked Requests. The 'Manage Groups...' option is highlighted.

Manage Groups

Manage Groups > Select Group

To locate a group on **TechSupport LDAP** service, type information about the group name or description in the field, and then click **Search**. The group 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 "abc".

Search by

Search information: Group name or description Access name **Group Type**: All

Groups

You can add, change, or delete groups. Select the group in the table, and then click the appropriate button.

1 results found for: JKENetworkShare

	Create	Change	Delete	Export Access Data	Import Access Data	Enable Access	Disable Access	Refresh
Sele ^	Group Name ^	Description	Group Type	Access Name ^	Access Stat... ^	Access Type ^		
<input type="checkbox"/>	JKENetworkShare	JKENetworkShare shared drive access	LDAP groups		Access Disabled			

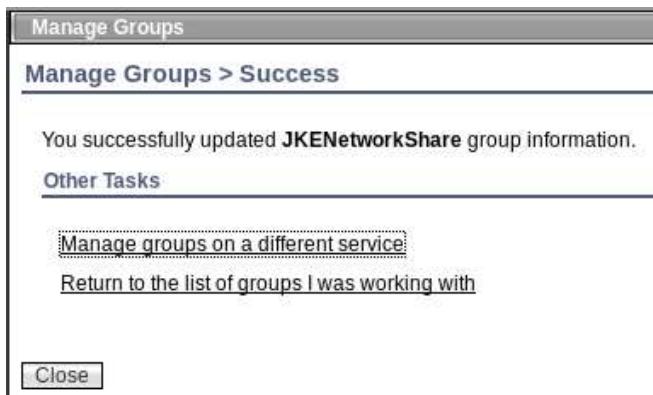
Page 1 of 1 Total: 1 Displayed: 1 Selected: 0

8. Click the group name JKENetworkShare
9. On the Access Information tab, select the check box for Define an Access.
10. Select Enable Common Access. Type the access name TechSupport Shared Directory. Select the access type Shared folder.

In the access description put Shared Directory Access for TechSupport Employees only and the workflow of No Approval Required. Select both notification options.

Manage Groups	
<div style="border-bottom: 1px solid black; padding: 5px;"> General Information </div> <div style="background-color: #e0e0ff; border: 1px solid #ccc; padding: 2px; margin-top: -1px;"> *Access Information </div>	<p>Manage Groups > Change Group > Access Information</p> <p>Select the Define an Access check box to activate the access fields. Specify the access information in the fields will be cleared when the operation is completed.</p> <p><input checked="" type="checkbox"/> Define an Access</p> <p>Access status</p> <p><input type="radio"/> Enable Access <input checked="" type="radio"/> Enable Common Access <input type="radio"/> Disable Access</p> <p>*Access name <input style="border: 1px solid #ccc; padding: 2px; width: 100%;" type="text" value="TechSupport Shared Direct"/></p> <p>Access type for this group <input style="width: 100%; height: 15px; border: 1px solid #ccc; margin-top: 5px;" type="text"/></p> <p>▼Change access type To change the access type, expand the tree and select the access type. To leave the a root node.</p> <p style="margin-left: 20px;"><input type="checkbox"/> Access Types <input type="checkbox"/> Application <input type="checkbox"/> E-mail group <input type="checkbox"/> Role <input checked="" type="checkbox"/> Shared folder</p> <p>Access description <input style="width: 100%; height: 30px; border: 1px solid #ccc; margin-top: 5px;" type="text" value="Shared Directory Access for TechSupport Employees only"/></p> <p>Access owner <input style="width: 100%; height: 15px; border: 1px solid #ccc; margin-top: 5px;" type="text"/> Search.... <input style="width: 30px; height: 15px; border: 1px solid #ccc;" type="button" value="Clear"/> </p> <p>Approval workflow <input style="width: 100px; height: 20px; border: 1px solid #ccc; margin-top: 5px;" type="button" value="No Approval Required"/></p> <p><input checked="" type="checkbox"/> Notify users when access is provisioned and available for use <input checked="" type="checkbox"/> Notify users when access is de-provisioned</p> <p>Access icon <input style="width: 100%; height: 15px; border: 1px solid #ccc; margin-top: 5px;" type="text"/> Image preview </p>

11. Click OK to save the form. Click Close.



12. Click Log Out.

13. Close Firefox

Task 3. Requesting access

In this task, you request access to the TechSupport Shared Directory from a user that does not have an TechSupport LDAP account. In order to grant the access, IBM Security Identity Manager will first automatically provision an TechSupport LDAP account and then add the access to the new account.

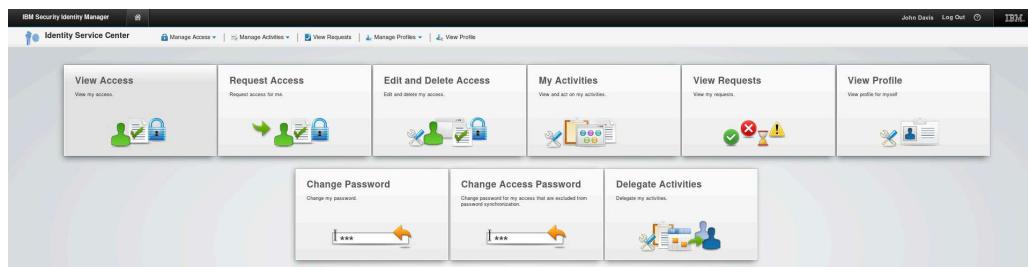
14. Enter the URL for the Self Service console in New Firefox Window:
15. Log in as John Davis, with user ID jdavis and password P@ssw0rd.

A screenshot of the IBM Security Identity Manager Self Service login page. It features a logo and the text "Security Identity Manager". On the left, there are fields for "User ID" (jdavis) and "Password" (represented by a redacted box). Below these are "Log in" and "Help?" buttons. On the right, there's a language selection dropdown set to "English - English". A sidebar titled "Log on to Identity Service Center to perform the following activities:" lists four items: "Manage access" (with a checked checkbox), "Manage activities", "View requests", and "Manage profiles". At the bottom, there's a link "Learn More" and a small legal notice about licensed materials.

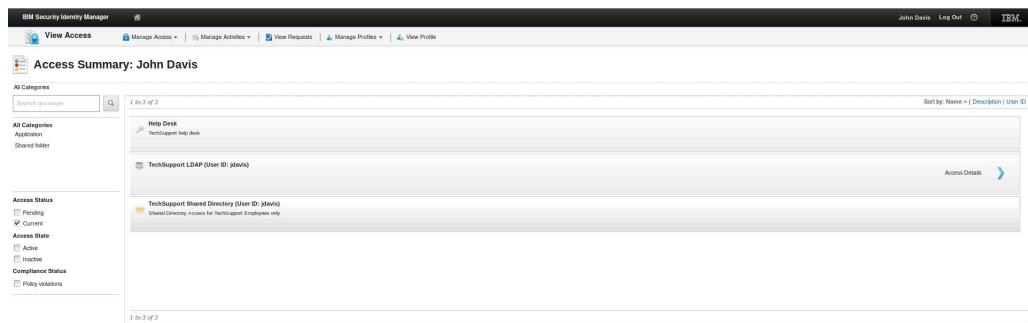
16. Click Request Access and request access for the TechSupport Shared Directory.

17. Enter the justification – required. You can see a new account is to be provisioned for John on TechSupport LDAP Service. Click Submit.

18. Return to the home page using the Home symbol at top.
19. Confirm that John receives the access by reviewing View Access.



The screenshot shows the IBM Security Identity Manager Identity Service Center. At the top, there are several navigation links: Manage Access, Manage Activities, View Requests, Manage Profiles, and View Profile. On the right, it says "John Davis Log Out IBM". Below these are six main sections: "View Access" (View my access), "Request Access" (Request access for me), "Edit and Delete Access" (Edit and delete my access), "My Activities" (View and act on my activities), "View Requests" (View my requests), and "View Profile" (View profile for myself). Underneath these are three smaller boxes: "Change Password" (Change my password), "Change Access Password" (Change password for my access that are excluded from password synchronization), and "Delegate Activities" (Delegate my activities).



This screenshot shows the "Access Summary" for John Davis. It lists his current access categories: Help Desk (TechSupport help desk) and TechSupport LDAP (User ID: jdavis). The TechSupport LDAP entry shows "Shared Directory Access for TechSupport Employees only". On the left, there are filters for "All Categories", "All Categories", "Pending", "Current", "Access State", "Active", "Inactive", "Compliance Status", and "Policy violations". On the right, there are buttons for "Sort by Name" and "User ID".

You can open the LDAP Browser from desktop and Double Click TechSupportEmployees and expand ou=TechSuppEmployees. You can see uid=jdavis is new account created on LDAP and also if you click cn=JKENetworkShare you can check uid=jdavis is added as member of the LDAP Group.

