

Price rules

What this exercise is about	2
What you should be able to do	2
Introduction	2
Requirements	2
Part 1: Create price rules for Elite starter store	3
Part 2: Register organizations from Elite storefront	14
Part 3: Create a contract for each of the organizations	16
Part 4: Verify the price rules.....	22
Part 5: What you did in this exercise.....	24

What this exercise is about

In this tutorial, you will learn how to use WebSphere Commerce Management Center **Catalog Filter and Pricing tool** to create price rules. You will learn how to use a price constant in a price equation to control the percentage discount of entitled categories of customer contracts. You will also learn how to assign the price rules to B2B store's contracts within Accelerator. By the end of the lab you will go to the storefront to verify your price rules.

This lab is created for learning WebSphere Commerce Feature Pack 2 Price Rule solution only. It is provided **AS-IS**, with no formal IBM support.

What you should be able to do

After completing this exercise, you should be able to:

- Create price rules from Management Center **Catalog Filter and Pricing tool**
- Assign the price rules to a B2B store contracts within the Accelerator

Introduction

The following naming conventions are used in the exercises:

Reference Variable	Description
<Hostname>	Hostname for WebSphere Commerce
<Elite_Store_identifier>	Elite starter store identifier you selected when you publish Elite-FEP.sar. For example: Elite-FEP
<Elite_Store_Dir>	Elite starter store's store directory

Requirements

Before beginning this lab, ensure you have:

- Installed WebSphere Commerce V7 fix pack 2
- Installed WebSphere Commerce V7 feature pack 2
- Completed feature enablement
- Published feature pack Elite starter store archive Elite-FEP.sar

After publishing complete, you can launch the store using the URL:

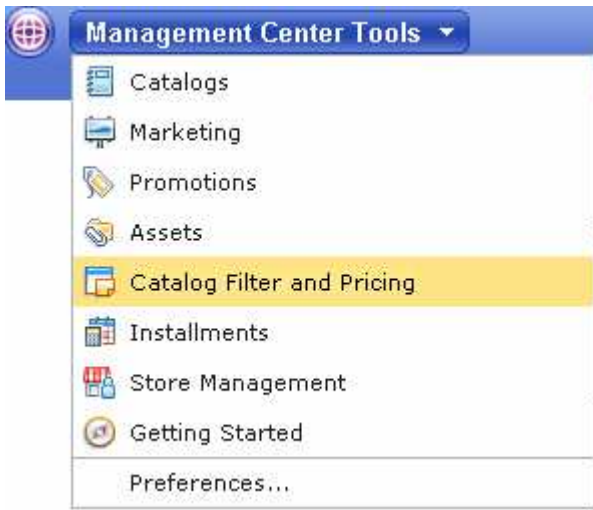
`http:// <Hostname>/webapp/wcs/stores/servlet/<Elite_Store_Dir>/index.jsp`

Note: <Elite_Store_Dir> is the store directory you selected when you publish **Elite-FEP.sar** from the WebSphere Commerce Administration Console.

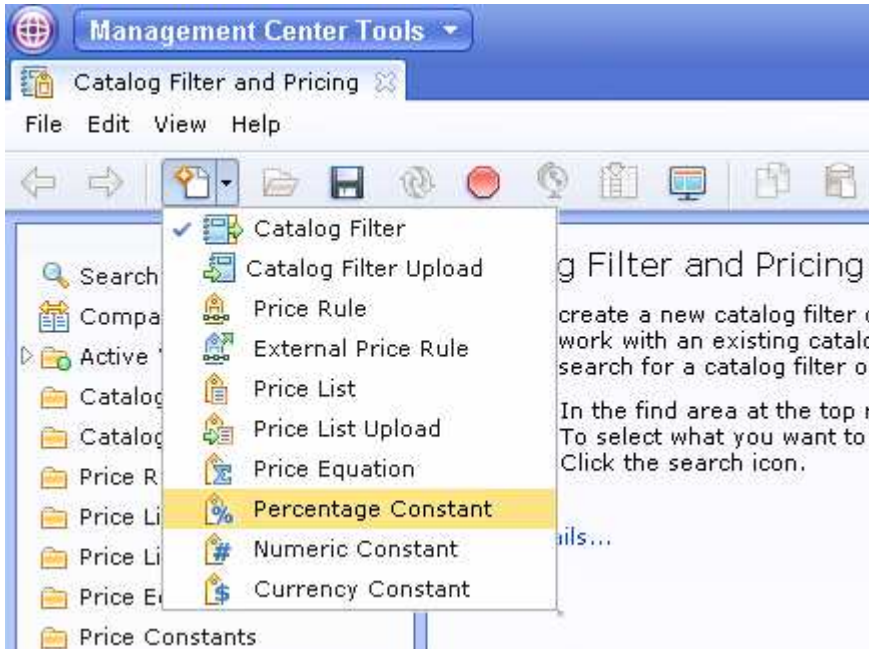
Part 1: Create price rules for Elite starter store

In this part of lab, you will create a price constant, a price equation, a nested price rule and two normal price rules. The price constant is a percentage number that will be used in the price equation to calculate discount price. A nested price rule will be created to use the price equation. You will also create two normal price rules to use the nested rule.

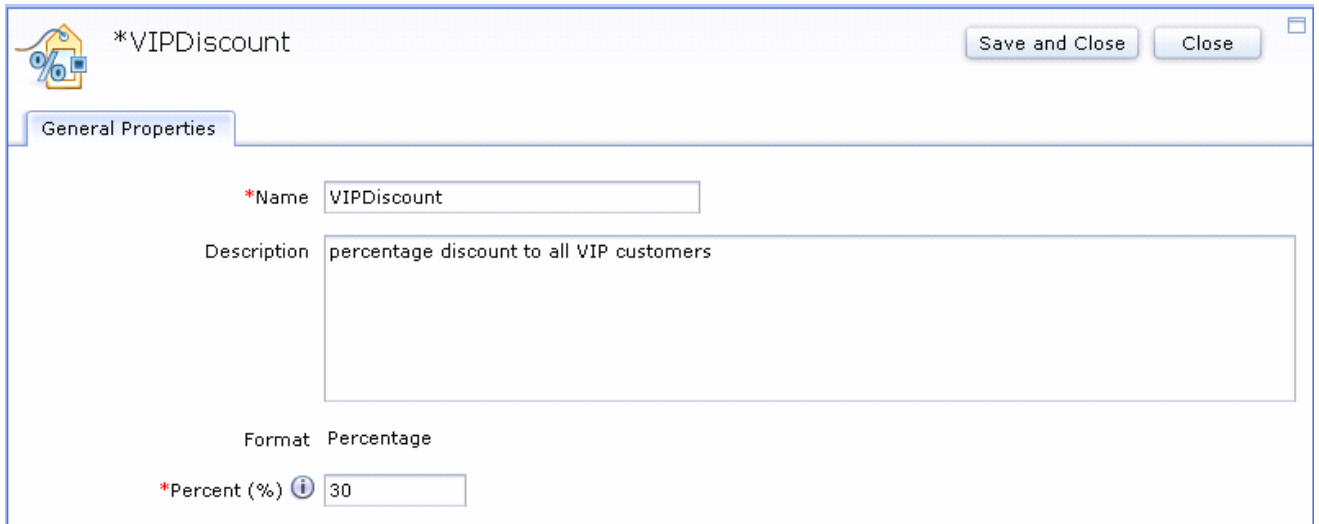
- ___ 1. Open **Catalog Filter and Pricing** tool.
 - ___ a. Launch the WebSphere Commerce Management Center using following URL
https://<Hostname>:8000/lobtools
 - ___ b. Log on to the Management Center with your site administrator ID and password.
 - ___ c. Select **Catalog Filter and Pricing** from the Management Center Tools list.



- ___ d. Select the store with identifier **<Elite_Store_identifier>**
- ___ 2. Create a Percentage Constant.
 - ___ a. Select Create new > Percentage Constant.



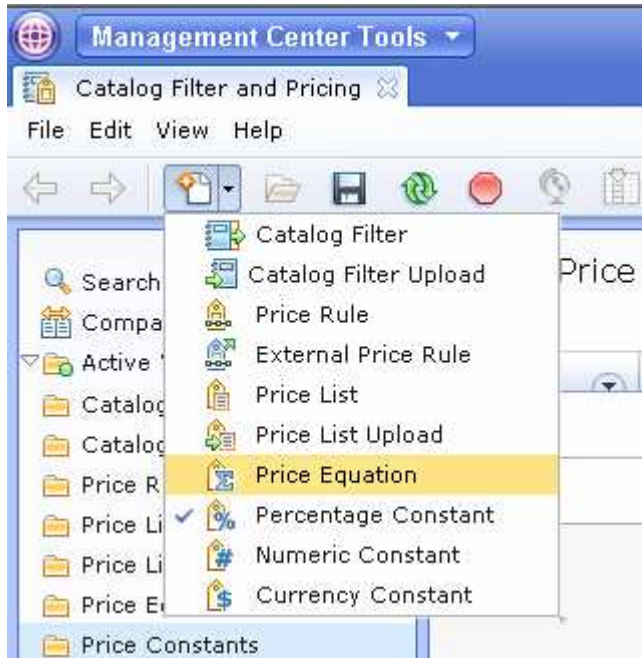
___ b. Complete the fields shown in the screen capture below. This constant will be used in a price equation to mark down product prices by 30 percent.



___ c. Click **Save and Close**.

___ 3. Create an equation to calculate the discount.

___ a. Select Create new > Price Equation.




___ b. Complete each field shown in the screen capture below.


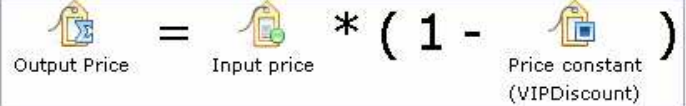
Note: In order to create the price equation shown in the **Equation preview** area, you need to select the Equation builder elements by clicking the **Create New** button (highlighted in red), and then provide the values for each element.



*VIPDiscountEquation Save and Close Close

General Properties

*Name  VIPDiscountEquation

Description

Equation preview  

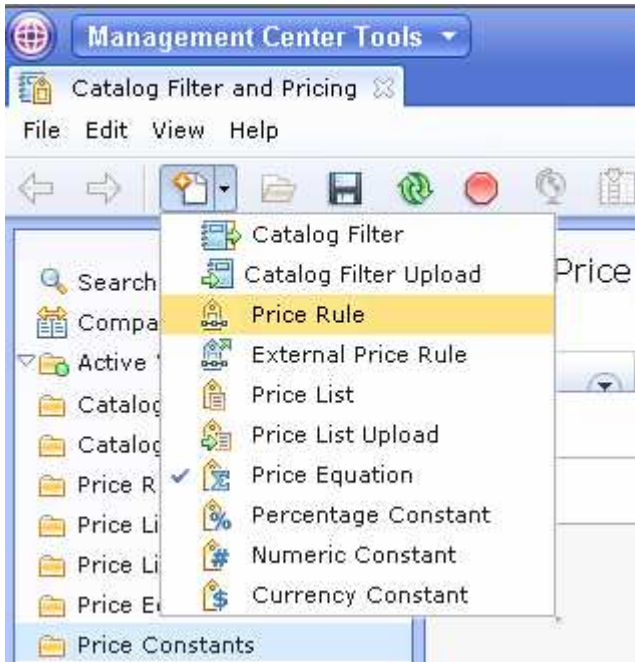
Equation builder  

Type	Value
Input price	
Math Symbol	*
Parenthesis	(
Number	1
Math Symbol	-
Price constant	VIPDiscount
Parenthesis)
1 of 7 selected	

__ c. Click the **Save and Close** to save the equation.



___ 4. Create a nested price rule to use the price equation you just created in step 3. This nested price rule will mark down all the catalog entry prices in the **Brake Components** category.

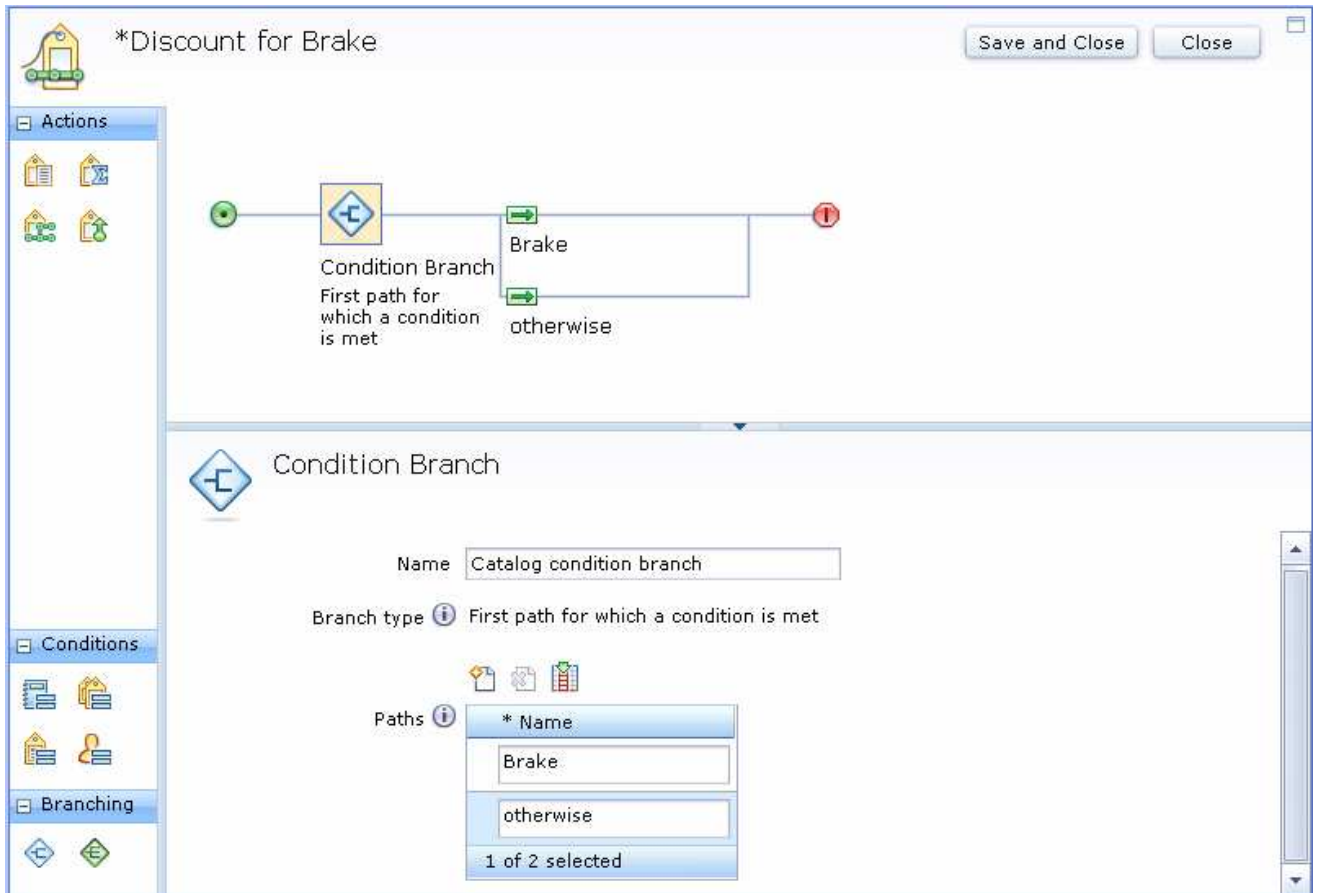
__ a. Select Create new > Price Rule.



__ b. Complete the **Name** field shown in the screen capture below.



- __ c. Drag the **Condition Branch**  element into the price rule path. Two paths will be created immediately after you drop the **Condition Branch**. Click the condition branch icon  and complete the fields shown in the screen capture below.



*Discount for Brake

Save and Close Close

Actions

Condition Branch
First path for which a condition is met

Brake

otherwise

Condition Branch


Name Catalog condition branch


Branch type First path for which a condition is met

Paths

* Name
Brake
otherwise

1 of 2 selected

- __ d. Drag the **Catalog Condition** element  from the palette's **Conditions** group into the **Brake** path.

- 1) Click the **Catalog Condition** icon  in the price rule builder.
- 2) In the Catalog Condition property view, select **Specific categories** for **Condition Scope**.
- 3) Select **That are in the following categories** for **Target catalog entries**.
- 4) Type **Brakes** and click **Find and Add** button to add **Brakes** category into the **Categories** table.

*Discount for Brake

Save and Close Close

Actions

Condition Branch
First path for which a condition is met

Brake

Catalog Condition
Categories are:
Brakes

otherwise

Conditions

Branding

Catalog Condition

*Condition scope Specific categories

Target catalog entries


That are in the following categories


Excluding those in the following categories

Brakes Find and Add

* Categories	* Type	* Name	Description
		Brakes	Brakes components

0 of 1 selected

___ e. Drag the **Calculate price** element  from the palette **Actions** group and drop it after the **Catalog Condition** element.

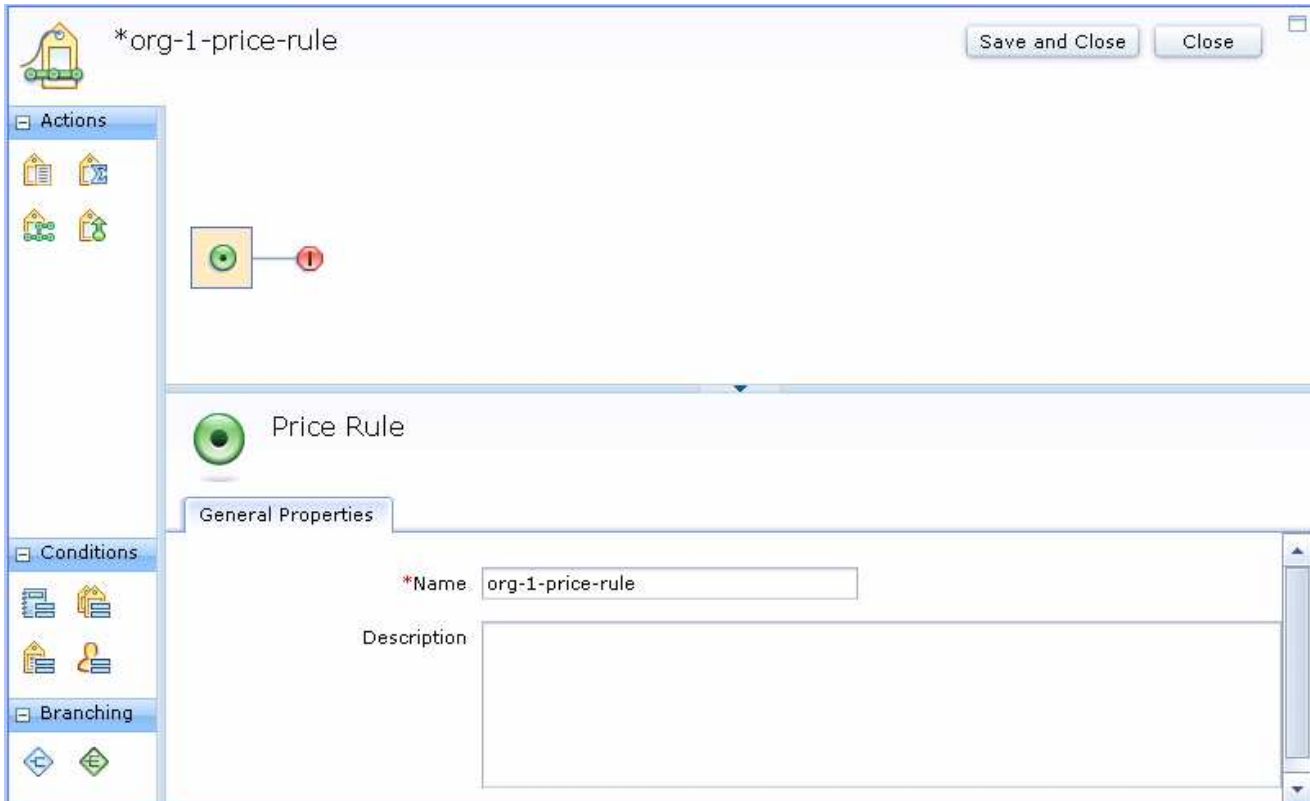
- 1) Click the **Calculate price** icon  in the price rule builder.
- 2) In the Calculate price element property view, select **Use an existing price equation** option.
- 3) Type **VIP*** and click **Find and Add** button to add **VIPDiscountEquation** into the **Price equation** table.

__ f. Click **Save and Close** button to save your price rule.


___ 5. Create a price rule **org-1-price-rule**. This price rule will be used to an organization's contract.

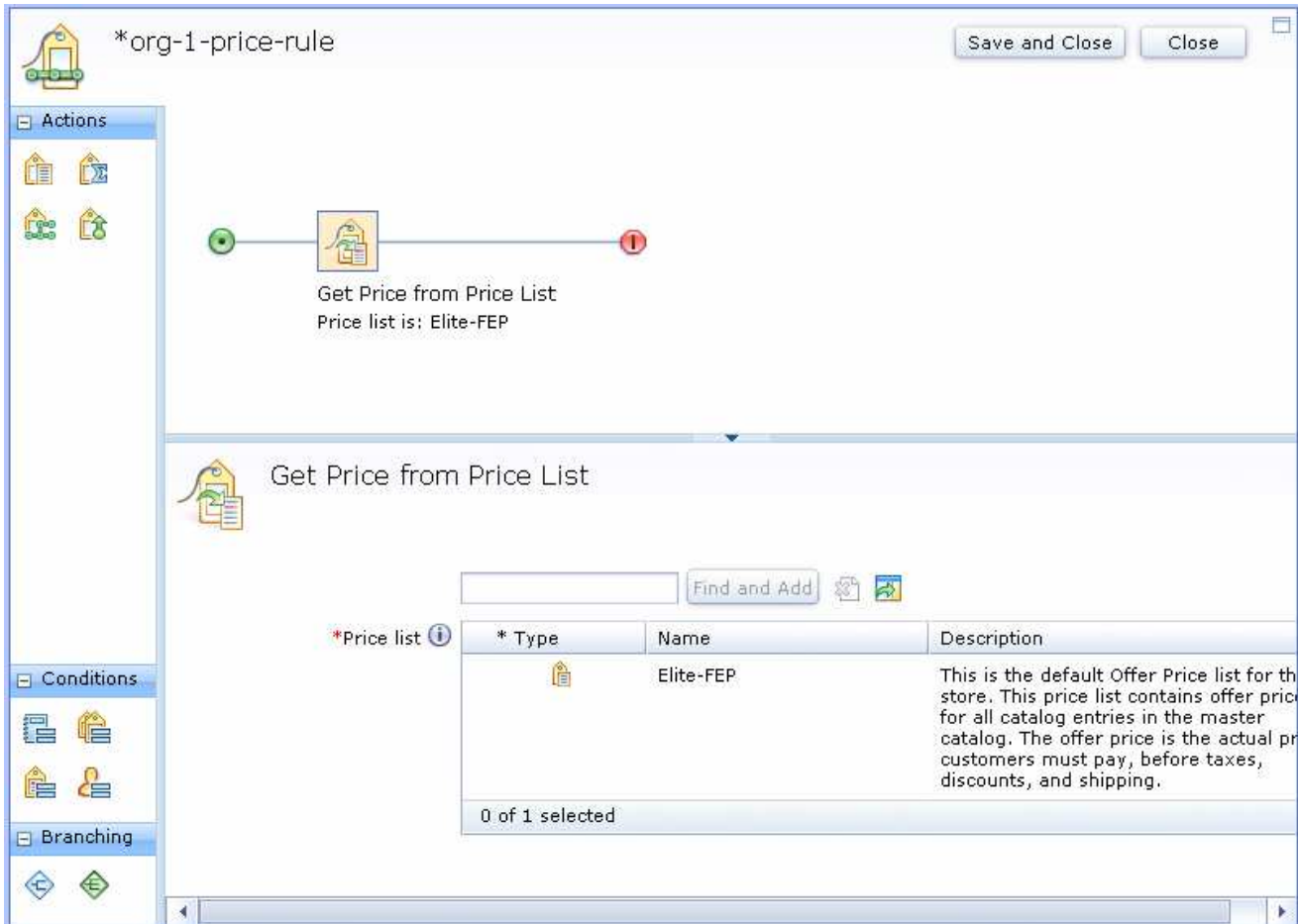
__ a. Select Create new > Price Rule.

__ b. In the Name field, type in **org-1-price-rule**.




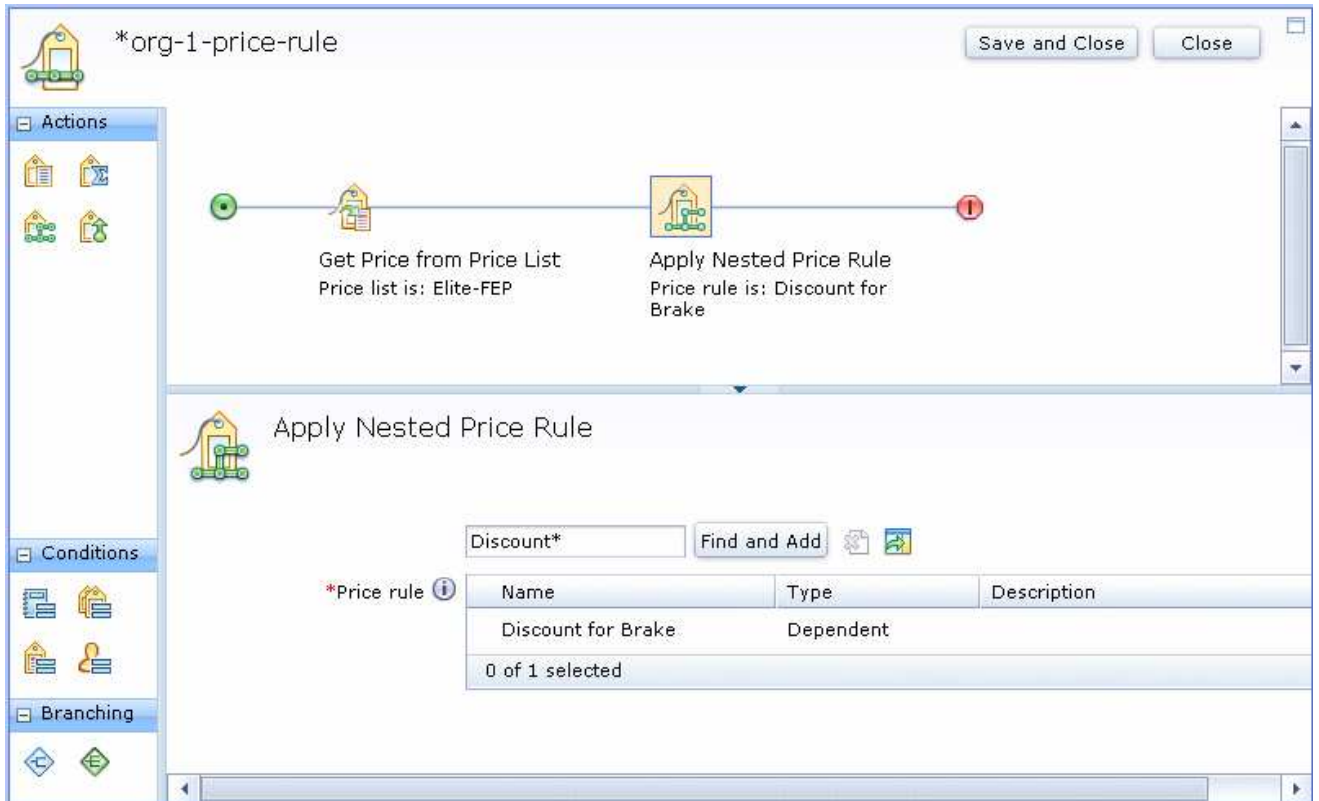
___ c. Drag the **Get Price from Price List** element  from the palette's Actions group and drop it into the price rule path.

- 1) Click the **Get Price from Price List** element icon  in the price rule builder.
- 2) Type <Elite_Store_identifier> and click **Find and Add** button to add store's default Offer Price list into the table.



___ d. Drag the **Apply Nested Price Rule** element  from the palette's Actions group into the price rule path.

- 1) Click the **Apply Nested Price Rule** element icon  in the price rule builder.
- 2) Type **Discount*** and click **Find and Add** button to add **Discount for Brake** price rule into the table.



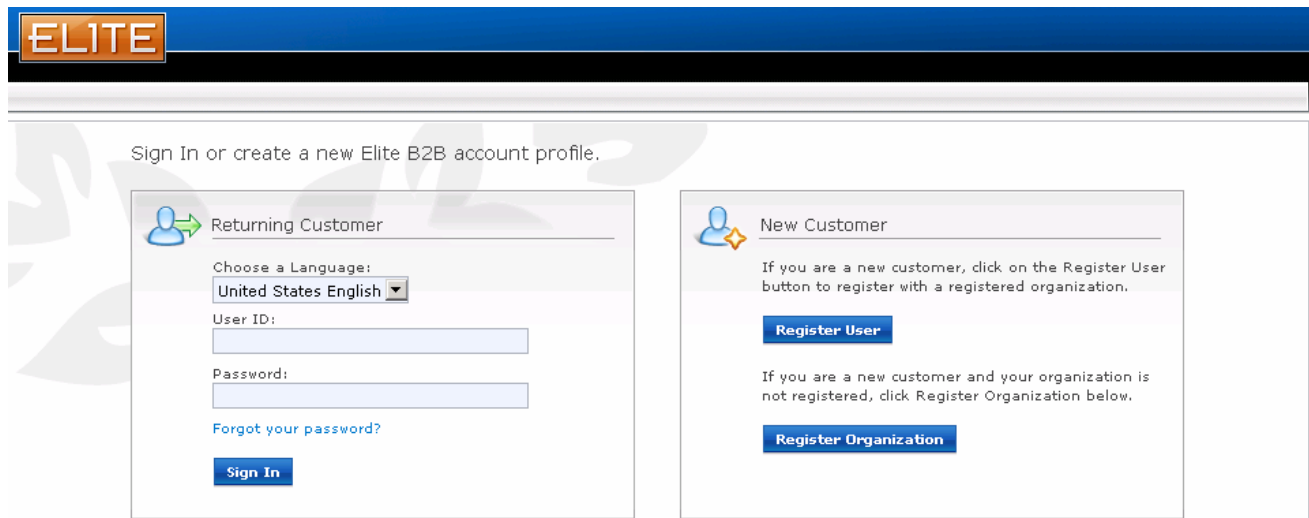
___ e. Click **Save and Close** button to save the price rule.

- ___ 6. Repeat the Step 5 to create another price rule **org-2-price-rule**. This price rule will be assigned to another organization's contract. Except the Step 5 b, where you need to use **org-2-price-rule** as the price rule name, all other steps are exactly same.

Part 2: Register organizations from Elite storefront

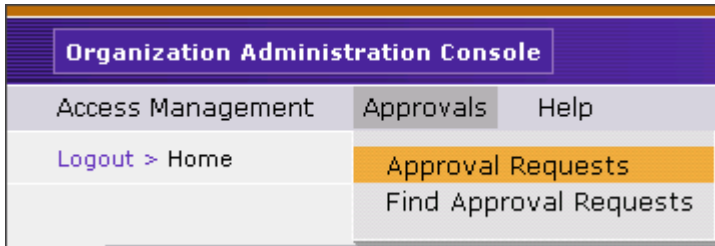
In this part of the lab, you will register two organizations from the storefront. You will then go to the Organization Administration Console to approve the registrations.

- ___ 1. Register two organizations from storefront.
 - ___ a. Launch the Elite starter store.
 - ___ b. Select **Register Organization** to register two organizations using the parameters listed in the table below. For your convenience, type the administrator's passwords you used for the registrations into the table.

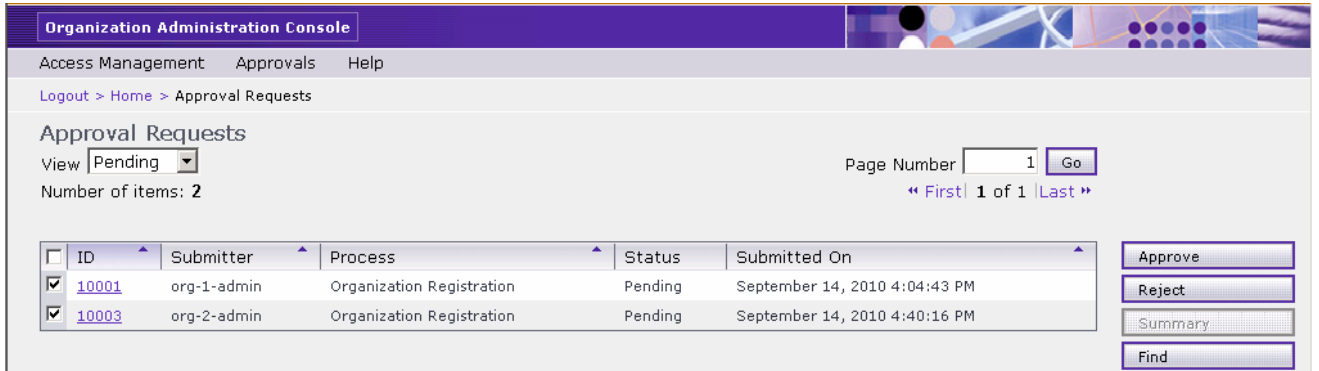


Organization Name	Administrator ID	Password
org-1	org-1-admin	
org-2	org-2-admin	

- ___ 2. Approve the **org-1** and **org-2** registrations from Organization Administration console.
 - ___ a. Open the WebSphere Commerce Organization Administration Console by following the instruction in the URL.
<http://publib.boulder.ibm.com/infocenter/wchelp/v7r0m0/topic/com.ibm.commerce.admin.doc/tasks/ttfbsopb.htm>
 - ___ b. Log on to the Organization Administration Console with your site administrator ID and password.
 - ___ c. Select Approvals > Approval Requests.



___ d. Select the organizations you just registered and select the **Approve** button.



___ e. Type in some words for the **Remarks**. Click OK.

___ f. Log out the Organization Administration console.

Part 3: Create a contract for each of the organizations

In this part of the lab, you will use the WebSphere Commerce Accelerator to create a contract for each of the organizations you registered in the part 2.

- ___ 1. Create a business account for organization **org-1**.

Note: Steps described here are for this lab only. If you want to know more information about how to create account, you can refer following document:

<http://publib.boulder.ibm.com/infocenter/wchelp/v7r0m0/topic/com.ibm.commerce.user.business.doc/tasks/tctacnew.htm>

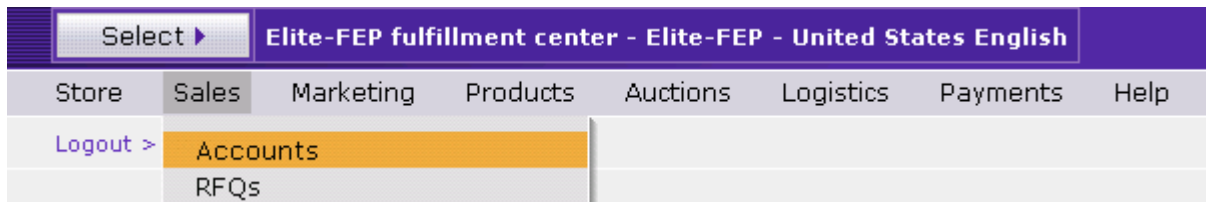
- ___ a. Open the WebSphere Commerce Accelerator by following the instruction in the URL:

<http://publib.boulder.ibm.com/infocenter/wchelp/v7r0m0/topic/com.ibm.commerce.user.doc/tasks/tfopen.htm>

- ___ b. Log on to the Accelerator with your site administrator ID and password.

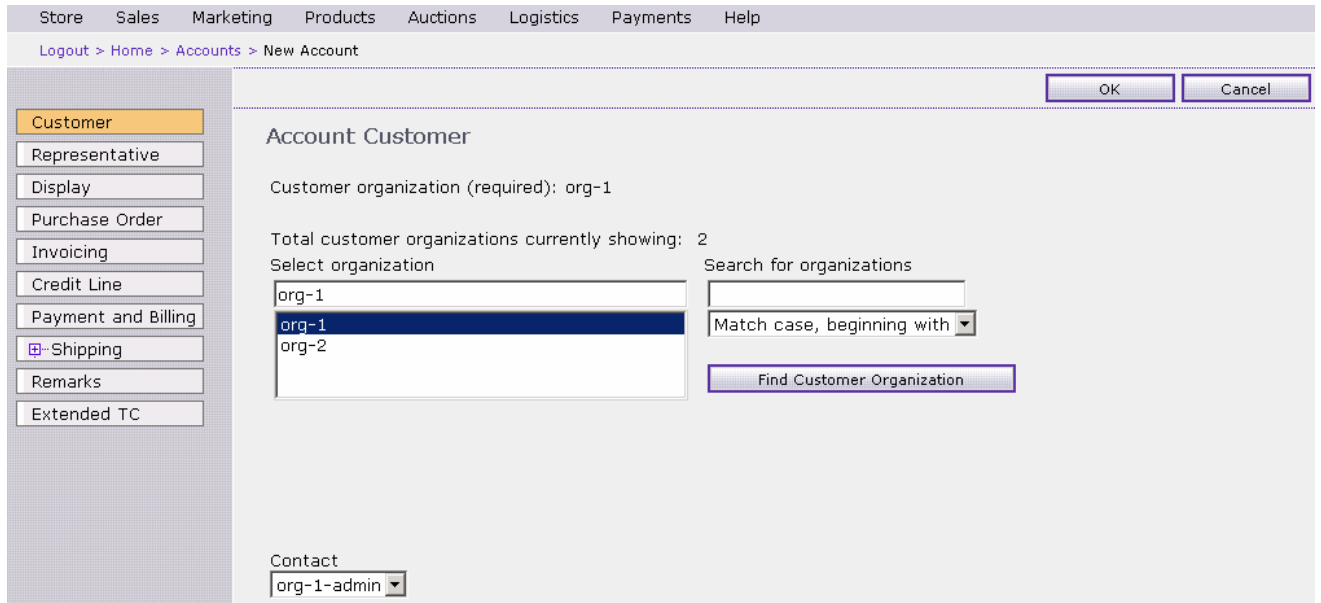
- ___ c. Select store <Elite_Store_identifier>

- ___ d. Select Sales > Accounts menu.

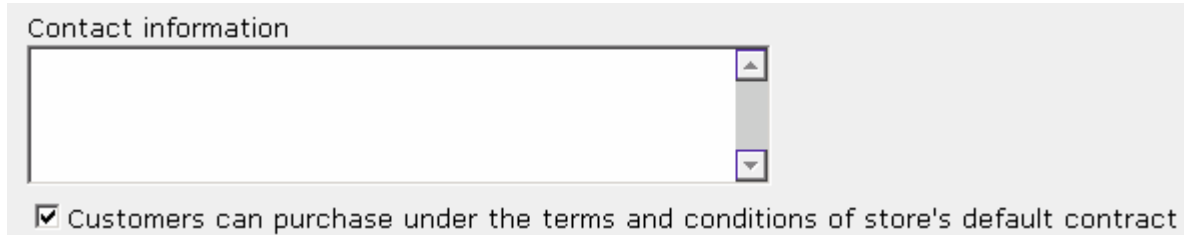


- ___ e. On the right side you can see a list of buttons. Click the first **New** button on the top to open the new Account notebook.

- ___ f. In Customer page, select **org-1** organization. In the **Contact** drop down list, select **org-1-admin**.



___ g. On the bottom of the **Customer** page, select “**Customers can purchase under the terms and conditions of store's default contract**”.



Contact information

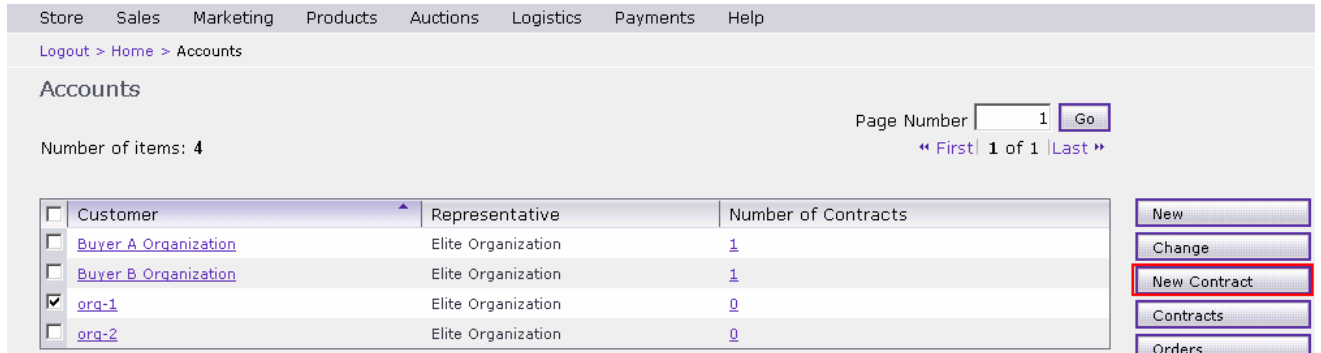
Customers can purchase under the terms and conditions of store's default contract

___ h. You can skip all other page settings in the **Account** notebook for this lab. Click **OK** to save the business account and close the notebook.

___ 2. Repeat the Step 1 to create another business account for organization **org-2**. When you repeat the step f, you need to select org-2 and org-2-admin.

___ 3. Create a new contract for organization **org-1**.

___ a. In Account List page, select **org-1**. and then click **New Contract** button.



Store Sales Marketing Products Auctions Logistics Payments Help

Logout > Home > Accounts

Accounts

Page Number

Number of items: 4 « First | 1 of 1 | Last »

<input type="checkbox"/>	Customer	Representative	Number of Contracts	
<input type="checkbox"/>	Buyer A Organization	Elite Organization	1	<input type="button" value="New"/>
<input type="checkbox"/>	Buyer B Organization	Elite Organization	1	<input type="button" value="Change"/>
<input checked="" type="checkbox"/>	org-1	Elite Organization	0	<input type="button" value="New Contract"/>
<input type="checkbox"/>	org-2	Elite Organization	0	<input type="button" value="Contracts"/>
				<input type="button" value="Orders"/>

___ b. In the General page, complete the fields shown in the screen capture blow.

Store Sales Marketing Products Auctions Logistics Payments Help

Logout > Home > Accounts > Contracts > New Contract

General
Participants
Catalog Filter
+ Shipping
Payment and Billing
+ Returns
Order Approval
Attachments
Remarks
Extended TC

Contract General Information

Contract name (required)

Short description (required)

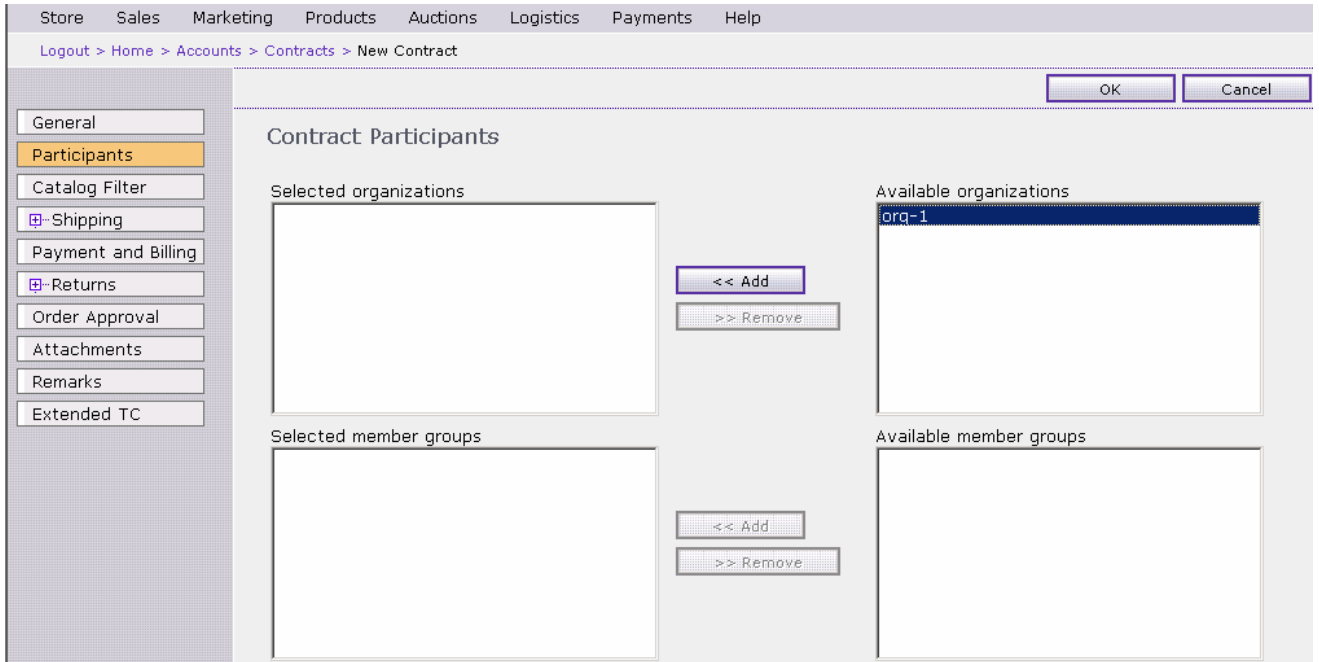
Description

Starts immediately

No expiry date

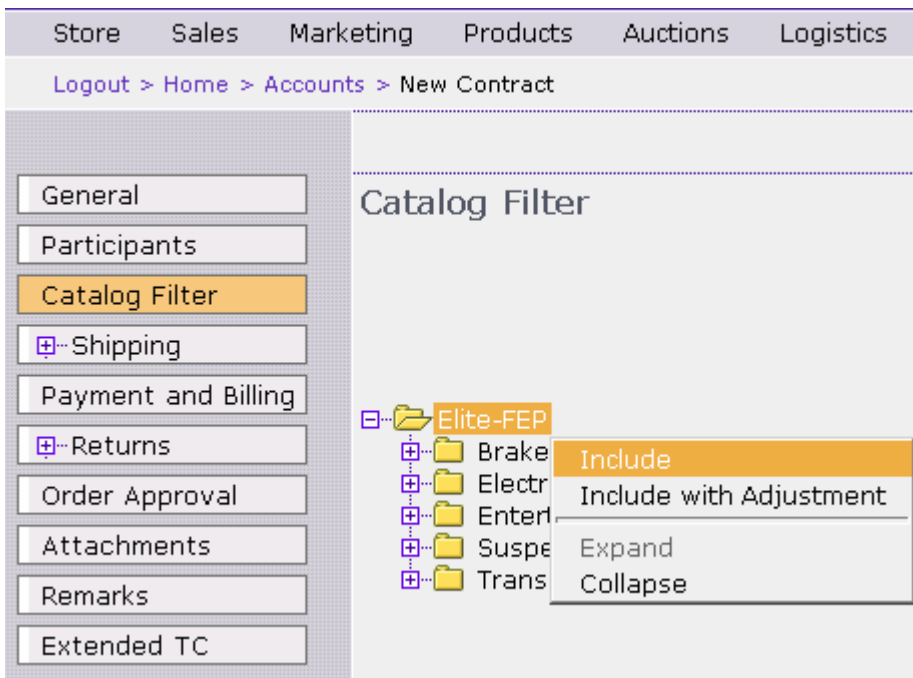
Refer to contract:

___ c. Select **Participants** link on the left side. In the Available organizations field, select **org-1** and then click << **Add** button to add **org-1** into **Selected organization** field.

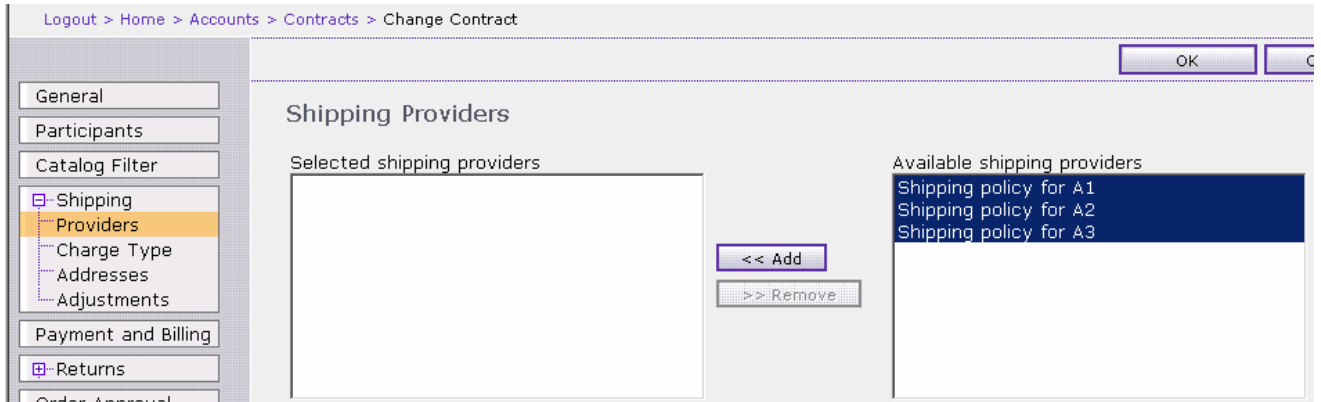


___ d. Select Catalog Filter link on the left side. Right click **<Elite_Store_identifier>** and select include to include all the categories.

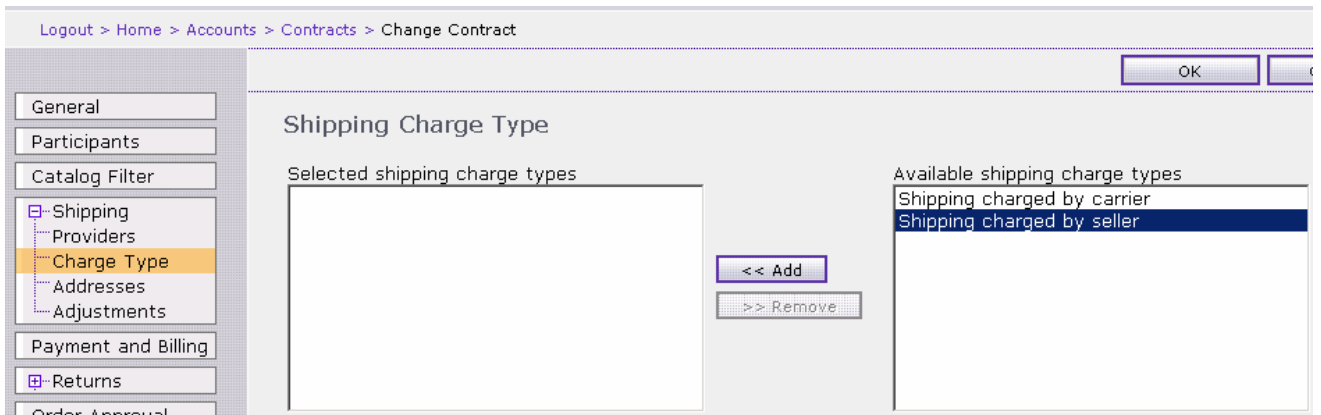
The Feature Pack 2 supports both old Catalog Filter created in Accelerator and the new Catalog Filter created in the Management Center. To make this lab simple, you will use the old catalog filter for this lab.



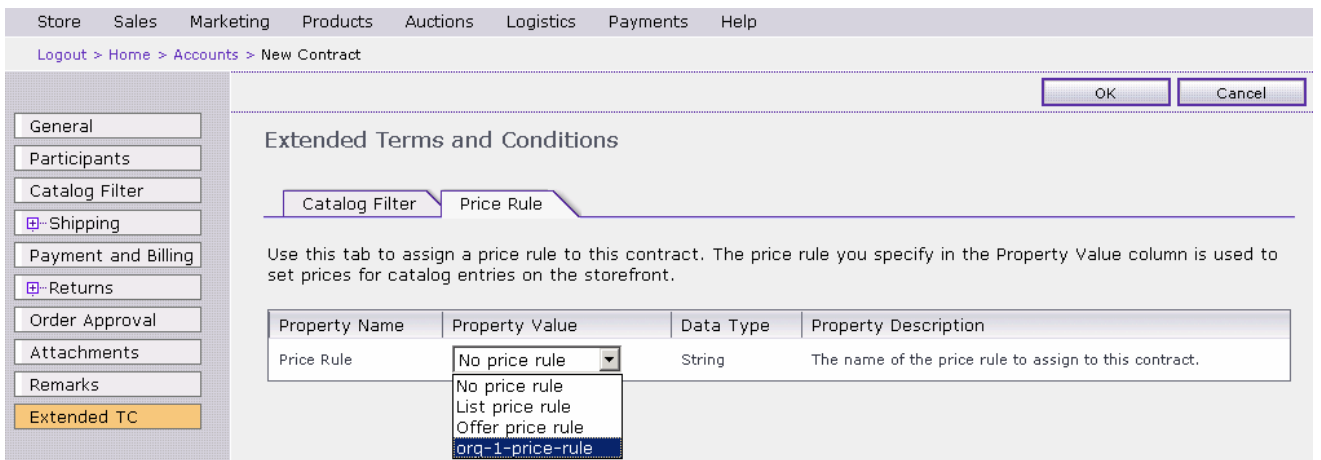
___ e. On the left side, expand **Shipping** and select **Provider** link. Select all the shipping providers in the **Available shipping providers** field. Click **<< Add** button to add them into the **Selected shipping providers**.



__ f. Select **Charge Type** under the **Shipping**. Select **Shipping charged by seller** in the Available shipping charge types, click **<< Add** to add it to the left.



__ g. Select **Extended TC** link on the left side, In the **Price Rule** tab, select **org-1-price-rule**.



__ h. You can skip the settings for other pages for this lab. Click **OK** to close the new contract notebook. You will be forwarded to the **Accounts** page.

__ i. Select **org-1**, and then click **Contracts** button on the right side to go to contract list view page

Store Sales Marketing Products Auctions Logistics Payments Help

Logout > Home > Accounts

Accounts

Page Number

Number of items: 4 « First | 1 of 1 | Last »

<input type="checkbox"/>	Customer	Representative	Number of Contracts
<input type="checkbox"/>	Buyer A Organization	Elite Organization	1
<input type="checkbox"/>	Buyer B Organization	Elite Organization	1
<input checked="" type="checkbox"/>	org-1	Elite Organization	1
<input type="checkbox"/>	org-2	Elite Organization	0

___ j. In the Contracts list page, select org-1-contract, click **Submit** button on the right to activate this contract

Store Sales Marketing Products Auctions Logistics Payments Help

Logout > Home > Accounts > Contracts

Contracts

View

Page Number

Number of items: 1 « First | 1 of 1 | Last »

<input type="checkbox"/>	Name	Short Description	Start	End	Status	Created	Locked
<input checked="" type="checkbox"/>	org-1-contract	org-1 contract	Starts immediately	No expiry date	Draft	9/17/10 8:10 AM	No

___ k. Click the Refresh button on the right, make sure you see the **org-1-contract** status is "Active"

Logout > Home > Accounts > Contracts

Contracts

View

Page Number

Number of items: 1 « First | 1 of 1 | Last »

<input type="checkbox"/>	Name	Short Description	Start	End	Status	Created	Locked
<input type="checkbox"/>	org-1-contract	org-1 contract	Starts immediately	No expiry date	Active	9/17/10 8:10 AM	No

___ 4. Repeat the Step 3 to create another contract **org-2-contract** for organization **org-2**.

___ 5. Log out of Accelerator.

Part 4: Verify the price rules

In this part of the lab, you will go to the storefront to view product prices in **Brake Components** category to verify the prices from price rule are correct.

- ___ 1. Launch the Elite starter store.
- ___ 2. View prices for contract **org-1 contacts**.
 - ___ a. Log on to the store using ID **org-1-admin**. After you log in, you should see **My Account Summary** page. You can click **My Account** link in the header if you are not on that page.
 - ___ b. In the **Organizations** section, select contract **org-1 contract**, and then click **Submit Contracts** button.

Organizations

Current Organization	org-1
----------------------	-------

Contract





org-1 contract

Contract 1234

[Submit Contracts](#)

- ___ c. Click **Brakes** link on the top to display **Brakes** category page. You can see all product prices in this category are marked down by 30%.



Featured Products

 Ceramic Brake Pads \$42.50 \$29.75 Add to Order	 Rebuilt Master Cylinder \$75.00 \$52.50 Add to Order	 Two-metal Master Cylinder \$150.00 \$105.00 Add to Order	 Snow tire \$100.00 \$70.00 Add to Order
---	--	--	---

- ___ d. Click **Add to Order** button to add **Snow tire** into the shopping cart.

- ___ e. Click **Current order** link on the top of the store page. You can see in the **Current Order** page **Snow tire** price for contract **org-1-contract** is \$70.00 (The default price is \$100.00).

Current Order

PRODUCT	AVAILABILITY	QTY	EACH	TOTAL
 <p>Snow tire SKU: A0000556 Change Attributes Contract: org-1-contract</p> <p> Remove</p>	In-Stock	<input type="text" value="1"/>	\$70.00	\$70.00

- ___ f. Log out from the store.

- ___ 3. Repeat Step 2, but log on to the store with ID **org-2-admin**. Since both organizations' price rules use the same nested price rule, you should see the same results as you log on as **org-1-admin**.
- ___ 4. You can go to the WebSphere Commerce Management Center to change the price constant **VIPDiscount** described in the Part 1 step 2, and then view the Brake category product prices from the storefront. You can see how easy it is to use price constant and price equation to change prices for multiple contracts.

Part 5: What you did in this exercise

In this tutorial you have learned how to use the price constant, price equation in multiple price rules to set and change the product prices in contracts.

You should now understand how to complete the following tasks:

- Create price constant
- Create price equation
- Create multiple paths in the price rule by using the price rule condition
- Use the nested rule
- Assign the price rules to B2B store's contracts