Oracle® Communications Digital Business Experience

Concept to Market Implementation Guide

Oracle Communications Digital Business Experience Concept to Market Implementation Guide, Release 1.0

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Preface

This document describes how to implement the Concept to Market business process using Oracle Communications Digital Business Experience.

Audience

This document is intended for:

- Product Managers who design and launch product offers
- Individuals who are responsible for implementing the process flows for the Concept to Market business process

You should be familiar with the TMF ODF Concept to Market business process and its flows.

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Concept to Market Implementation Overview

This guide describes the features, business processes, and implementation for the Concept to Market business flow in which you perform design-time activities for defining and launching your product offering or service.

About Concept to Market

Concept to Market is one of the core value streams defined in TM Forum's (TMF) Open Digital Framework (ODF). The process involves ideation of new products, services, or enhancements and then creating them and having them ready for the market through the product lifecycle.

The Concept to Market business processes are aligned with the TMF Open Digital Architecture (ODA) business architecture. It also aligns with the Business Process Framework (eTOM).

Concept to Market supports the following business processes, which are realized by the functional capabilities and integration provided within the applications of the Digital Business Experience solution:

- Business Proposal-to-Launch
- Assessment-to-Relaunch
- Assessment-to-Retirement

Digital Business Experience enables Product Managers to implement the Concept to Market business processes for their business by letting them manage the complete commercial catalog in Oracle Communications Launch Cloud Service, where they can work with various entities and synchronize them across the participating applications effortlessly.

You use the following applications to implement the Concept to Market business process:

- Oracle Communications Launch Cloud Service
- Oracle Siebel CRM
- Oracle Communications Pricing Design Center (PDC)
- Oracle Communications Order and Service Management (OSM) with Oracle Communications Design Studio

Launch Cloud Service is pre-integrated with Siebel CRM and BRM PDC. The solution uses Oracle Communications Application Integration Architecture (AIA) as an integration framework to integrate flows across Siebel CRM, PDC, and OSM. See Integrate Launch with Digital Business Experience in *Oracle Communications Launch Cloud Service Implementation Guide* for more information.

Figure 1-1 illustrates an overview of the Concept to Market business flow.

Figure 1-1   Overview of the Concept to Market Business Flow
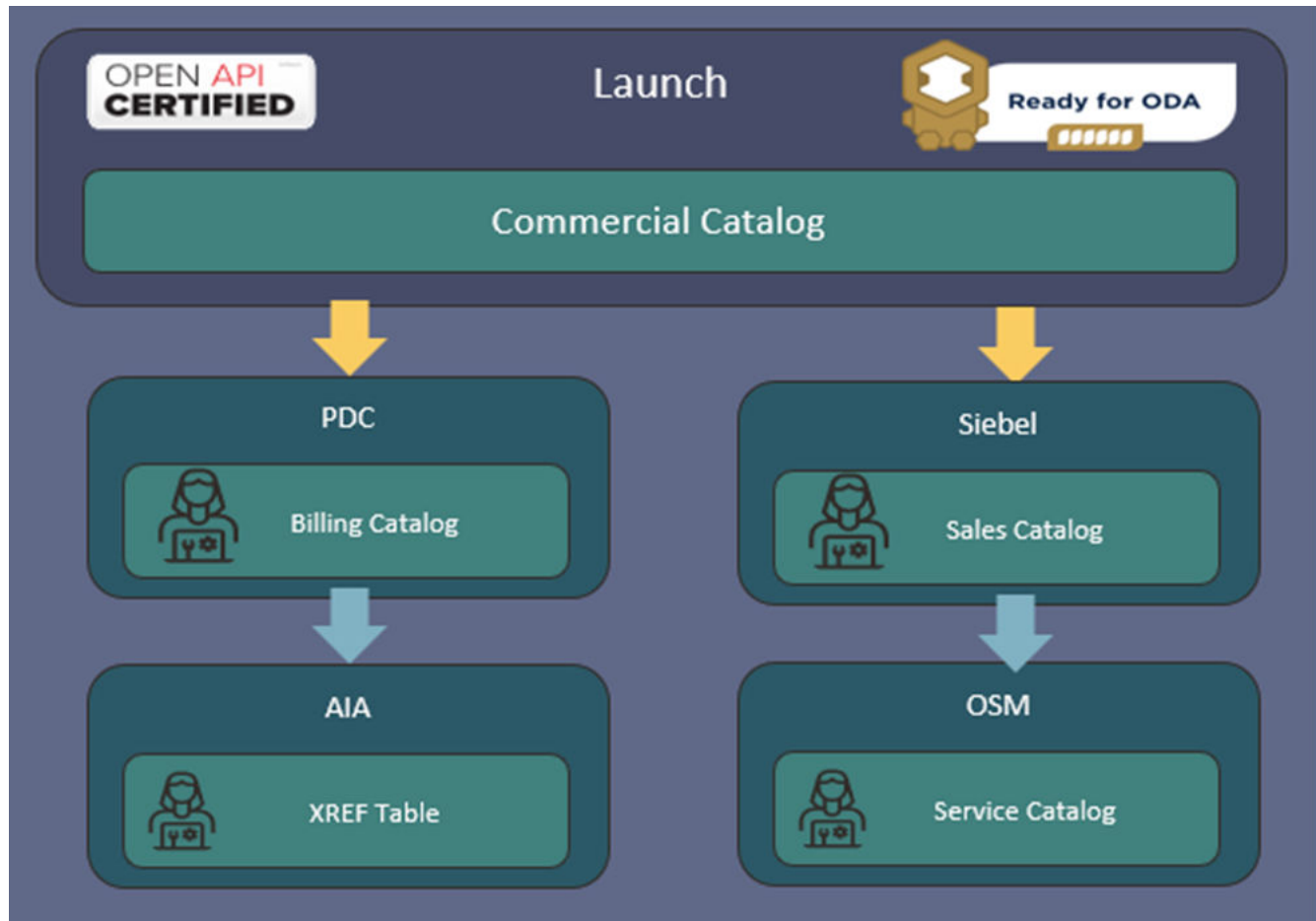
The sections that follow provide conceptual and procedural information about all required design-time tasks that you perform to create a commercial catalog and launch your product offerings.

Concept to Market End-to-End Journey

This section describes the Concept to Market end-to-end journey.

As a Product Manager, you do the following tasks:

- Create product specifications and attributes
- Create simple offerings
- Create bundle offerings
- Create packages by associating relevant commercial bundles and service bundles
- Launch the product offerings
- Assess the product offerings and relaunch them after modifying the associations
- Assess and retire product offerings

Architectural Overview of the Concept to Market Business Process

The architecture of the Concept to Market business process includes the following flows:

- Integration across Launch, PDC, Siebel CRM, and AIA XREF

- Query product classes flow. See Understanding the Query Product Classes Business Flow and Implementing the Query Product Classes Business Flow in *Oracle Communications Application Integration Architecture Order to Cash Integration Pack Implementation Guide* for more information.

Figure 1-2 depicts the integration of various applications that enable the implementation of the Concept to Market business processes.

Figure 1-2   Integration of Applications for Implementing Concept to Market Business Processes
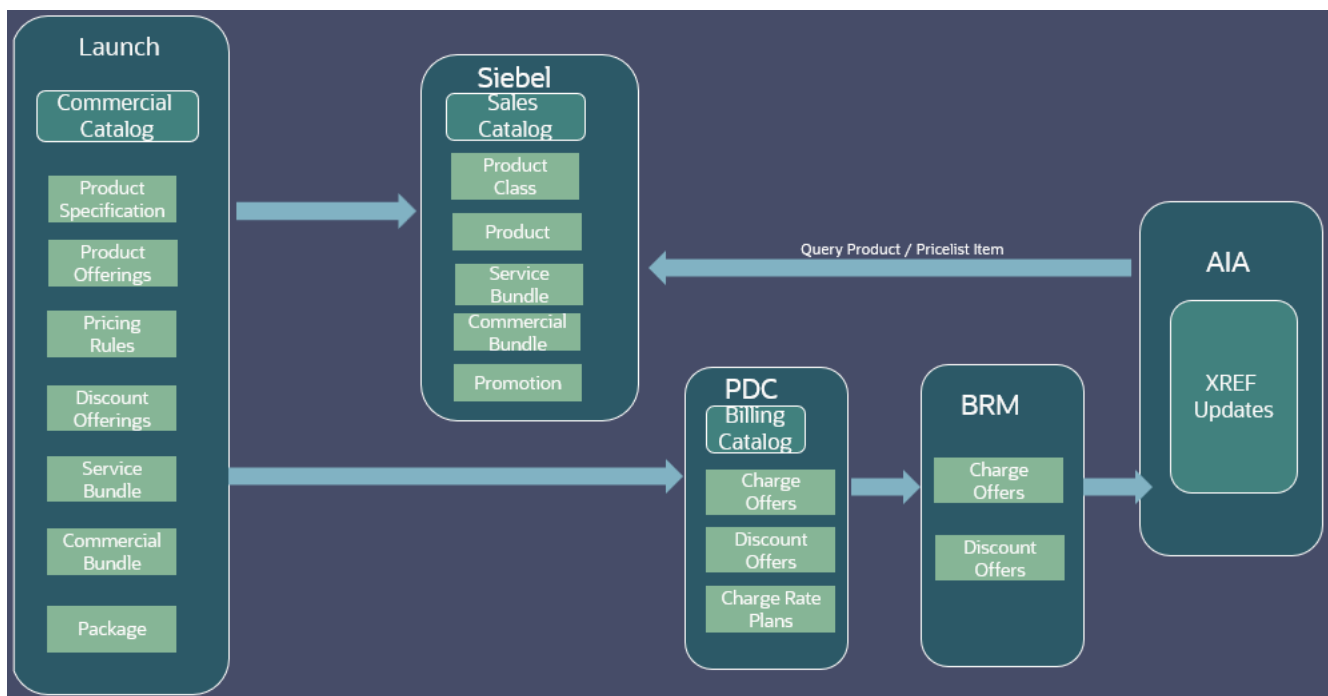
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Business Proposal-to-Launch

This chapter describes the Business Proposal-to-Launch business process and its tasks. You perform activities related to the preparation of product launch, starting with the Go-decision and ending with the commercial launch.

About Business Proposal-to-Launch

In the Business Proposal-to-Launch business process, you perform the following tasks:

- Create a product offering in Launch Cloud Service, which is the central commercial catalog system for the solution
- Launch the product offering

As a part of creating a product offering, in Launch, you create the following entities, among other entities that may be required depending on the product offering you want to create:

- Product Specifications and Attributes
- Pricelists
- Simple Offerings
- Bundle Offerings
- Commitment Terms
- Rules for upgrade, eligibility, and compatibility

The following sections describe how to create these entities, provide recommendations for the solution, and provide examples of entities.

Entity Mappings

The entities you create in Launch are populated into Siebel CRM and BRM PDC. Table 2-1 lists how the entities you create in Launch are mapped across these applications.

Table 2-1   Entity Mapping for Launch, Siebel, and PDC

Entity Name in Launch	Entity Name in Siebel CRM	Entity Name in BRM PDC
Product Specification	Product Class	N/A
Attributes	Attributes	N/A
Service, Device, and Accessory Offering	Product	Charge Offer
Discount Offering	Product	Discount Offer
Time-Based Offering	Product	Discount Offer
Service Bundle	Product with Product Type Bundle	N/A
Commercial Bundle	Product with Product Type Bundle	N/A

Table 2-1   (Cont.) Entity Mapping for Launch, Siebel, and PDC

Entity Name in Launch	Entity Name in Siebel CRM	Entity Name in BRM PDC
Product line	Product line	N/A
Price list	Price list	N/A
Package	Promotion	N/A

> **Note:**
>
> N/A indicates that the specific entity is not synced to BRM PDC.

Creating a Product Specification with Attributes

To define a commercial product, one of the tasks you do is create a product specification with attributes in the Launch Cloud Service application. Product specifications and attributes are catalog entities that you use, among others, to design a product or a service that you want to sell.

A product specification consists of detailed description of tangible or intangible characteristics that are made externally available through the product offer. Attributes are characteristics of a product that you want to create and sell.

> **Note:**
>
> Product specifications cannot be sold. Only products can be sold.

Product specifications enable you to organize and reuse these attributes when you add new products to your catalog. When you assign a product specification to a product, the product automatically inherits all the attributes defined in the product specification. You may choose to assign default values for those attributes in the products.

For example, as a Product Manager, consider a scenario in which you want to define multiple voice services and data services in your catalog. A voice service usually has attributes, such as `outgoingMinutes` and `incomingMinutes`. Whereas, a data service usually has attributes such as `downloadSpeed` and `dataFUP`. The `outgoingMinutes` attribute can have values like 500 minutes, 700 minutes, and 1250 minutes. You may create a product specification with the name **Voice Service PS** and assign `outgoingMinutes` as one of the attributes with the value of 500 minutes. When you create a commercial product called **Basic Voice Service** using the product specification **Voice Service PS**, it will inherit the `outgoingMinutes` attribute with the value of 500 minutes.

For complete details and instructions about creating a product specification in Launch, see Create a Product Specification in the *Oracle Communications Launch Cloud Service User's Guide*.

Launch also allows you to create nested product specifications. This lets you create new product specifications by inheriting attributes of a parent product specification. Nested product specifications are also synced to Siebel CRM.

When published, a product specification in Launch is populated as **Product Class** in Siebel. Product classes published to Siebel can be further synchronized into Design Studio as product specifications using the **query product classes** process integration of Application Integration Architecture (AIA).

Refer to the following guides for information about how a product specification works in each application:

- In Launch, see Product Specification Overview in *Oracle Communications Launch Cloud Service User's Guide*.

- In Siebel, see About Product Classes in *Oracle Communications Siebel Product Administration Guide*.

- In Service Catalog and Design, see About Orchestration Product Specifications in *Oracle Communications Service Catalog and Design Design Studio Modeling OSM Orchestration*.

- In AIA, see Understanding the Process Integration for Product Lifecycle Management in *Oracle Communications AIA Order to Cash Integration Pack Implementation Guide* for query product classes.

Recommendations for Product Specifications and Attributes

> ⚠️ **Caution:**
>
> Revising or deleting a product specification that you have already published may create stale relationships across the applications in the solution.

Digital Business Experience uses some pre-defined attributes to achieve certain functionality such as time-based offering and so on. To know more about such functionality, see the respective topics in this guide.

Creating a Price List

A price list is a set of standard prices for commercial products. You can define a price list and associate prices of commercial products to one or more pricelists to define and use products in Digital Business Experience. A product must exist in a price list so that it appears in the Siebel catalog.

You can use multiple price lists to offer different prices for the same product. A Pricelist in Launch is populated into Siebel as a Pricelist.

For more information about price lists, refer to the following:

- In Launch, see Pricing Structures in *Oracle Communications Launch Cloud Service User's Guide* and Integrate Launch with Digital Business Experience in *Oracle Communications Launch Cloud Service Implementation Guide*.

- In Siebel, see About Price Lists in *Oracle Communications Siebel Pricing Administration Guide*.

Recommendations for Price List

It is recommended that you create a single price list for the entire Digital Business Experience solution, unless you are intentionally creating a multi-pricelist model.

If you are creating a multi-pricelist package, make sure all fees of its components are available in all the price lists that you want to offer your package in.

Creating Catalogs and Categories

Catalogs and categories are created for logical grouping of product offerings and associated entities.

A Catalog provides a way to organize product offerings for both administrative and display purposes. A Category is used to group product offerings further into logical containers within catalogs. A product category can contain other categories (sub-categories). Each category can belong to only one catalog.

Catalog and categories get synced only to Siebel CRM as catalog and categories. These entities do not get synced to BRM PDC.

Refer to the following guides for more information on how catalogs and categories work in each application:

- In Launch, see Create Catalogs and Categories in *Oracle Communications Launch Cloud Service User's Guide*.

- In Siebel, see Creating and Managing Catalogs in *Oracle Communications Siebel Order Management Guide*.

Creating Product Lines

Product lines are logical groupings of products. They are also called as offer family. When you define a product line, you name it and then specify all the products in that line. If you have products that are already defined, you can associate them with the product line. You can also assign product line managers.

Refer to the following guides for more information on how product lines work in each application:

- In Launch, see Product Lines in *Oracle Communications Launch Cloud Service User's Guide.*

- In Siebel, see Creating Product Lines in *Oracle Communications Siebel Order Management Guide*.

Creating an Offering

You use Launch to create product offerings. A product offering is an item that can be sold, ordered from the catalog provider or tracked as an asset. A product offering can be a simple offering or a bundle offering. A simple product offering has attributes, features, and characteristics but does not contain other product offerings. A bundle product offering is an assembly of two or more product offerings.

For more information about product offerings in Launch, see Product Offers in *Oracle Communications Launch Cloud Service User's Guide*.

Creating a Simple Product Offering

You use Launch to create simple product offerings.

Launch lets you create the following types of simple product offerings:

- Service, Device, and Accessory Offerings

- Discount Offerings

- Time-Based Offerings

All these simple product offerings are synced to Siebel CRM as products.

Service, device, and accessory offerings are synced to BRM PDC as charge offerings. Discount and time-based offerings are synced to BRM PDC as discount offerings.

To create a simple product offering in Launch, see Create a Simple Offer in *Oracle Communications Launch Cloud Service User's Guide*.

Creating a Service, Device, and Accessory Offering in Launch

Customer Service Providers (CSPs) normally create service offerings for non-tangible products, such as mobile and broadband services.

Service offerings can have one or more charges and allowances. Some examples are as follows:

- An installation service charge of 100 USD at the time of purchase is a service offering with a one-time fee.

- A 100 Mbps broadband service that charges 25 USD per month is a service offering with a monthly recurring fee.

- A text service that charges 50 cents per text is a service offering with usage charges.

- An Email service is a service offering with multiple charges as it can have a combination of a one-time charge and recurring charges. For example, an Email service can have a one-time activation charge of 10 USD and a monthly recurring charge of 5 USD.

- A voice service that charges 10 USD per month for 200 minutes of unlimited usage and 10 cents per minute after the free limit of 200 minutes is an example of a service offering with multiple charges and allowances as it is a combination of recurring and usage charges.

CSPs normally create device and accessory offerings for tangible products, such as SIM cards, routers, and phone cases. Some examples are as follows:

- A phone that costs 499 USD at purchase is a device offering with a one-time fee.

- A phone case that costs 49 USD at purchase is an accessory offering with a one-time fee.

A service, device, or accessory offering gets synced to Siebel CRM as a simple product and to BRM PDC as a charge offer.

The information you provide while creating a service, device, or accessory offering in Launch impacts the flow of the run-time module and the entire solution.

Table 2-2 provides information you need while creating a service, device, or accessory offering and how they are translated across participating applications in Digital Business Experience:

Table 2-2   Attribute Mapping for a Service, Device, and Accessory Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
Name	Name of the service, device, or accessory offering you want to create.	Product Name	Charge offer Name
Description	A description for the service, device, or accessory offering.	Product Description	Charge offer Description

Table 2-2   (Cont.) Attribute Mapping for a Service, Device, and Accessory Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
Start Date	The date from which the service, device, or accessory offering is valid.	Start Date of the product	Start Date of the charge offer
End Date	The date till which the service, device, or accessory offering is valid.	End Date of the product	End Date of the charge offer
Product Specification	The product specification associated with the service, device, or accessory offering.	Product Class of the product	N/A
Billing Type	The Billing Type of the service, device, or accessory offering. This can either be **Subscription** or **Item**. If you select **Item**, you can only select a one-time fee, as **Item** indicates an entity for which you pay once. An offering with Billing Type **Item** cannot include usage or recurring charges. But, for an offering with Billing Type **Subscription**, you can associate all types of fees with it.	Billing Type of the product	Billing Type of the charge offer
Billing Service Type	The Billing Service Type of the service, device, or accessory offering. It can be **Account** or any other user configured services.	Billing Service Type of the product	Service of the charge offer
Service Instance	This flag determines whether a service, device, or accessory offering is a simple service bundle or not. Digital Business Experience recommends to set this flag to **true** only if you want to use this service, device, or accessory offering as a simple service bundle.	Service Instance of the product	N/A
Pricing Commit Type	The Pricing Commit Type of the service, device, or accessory offering. It is either **Amount** or **Percentage**.	Pricing Commit Type of the product	N/A
Dynamic Discount Method	The Dynamic Discount Method of the service, device, or accessory offering. You get **Dynamic Discount Method** if you select **Dynamic** for **Pricing Commit Type**. It is either **Amount** or **Percentage**.	Dynamic Discount Method of the product	N/A
Fulfillment Item Code	The Fulfillment Item Code of the service, device, or accessory offering.	Fulfillment Item Code of the product	N/A
Composition Type	The Composition Type of the service, device, or accessory offering. It can either be **Partial Item** or **Whole Item**. Digital Business Experience recommends to set this as **Whole Item** for service, device, and accessory offering.	Composition Type of the product	N/A
Orderable	This flag determines whether a service, device, or accessory offering can be ordered or not. Digital Business Experience recommends to set this flag to **true** for service, device, and accessory offering.	Orderable attribute of the product	N/A
Configurable	This flag determines whether a service, device, or accessory offering can be customized or not.	Customizable attribute of the product	N/A
Bill on Purchase	This flag determines whether a service, device, or accessory offering is billed at purchase or not. Digital Business Experience recommends to set this flag to **true** for service, device, and accessory offering.	Billable attribute of the product	N/A

Table 2-2   (Cont.) Attribute Mapping for a Service, Device, and Accessory Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
Trackable as Asset	This flag determines whether a service, device, or accessory offering can be tracked as an asset or not. Digital Business Experience recommends to set this flag to **true** for service, device, and accessory offering.	Trackable as Asset attribute of the product	N/A
Product Line	The product line of the service, device, and accessory offering.	Product Line of the product	N/A

> **Note:**
>
> N/A indicates that the particular entity is not synced to BRM PDC.

Pricing for Service, Device, or Accessory Offering

Launch allows you to add three types of fees for a service, device, and accessory offering; one-time fee, usage fee, and recurring fee. Following are the attributes available depending on the fee type you choose:

Table 2-3 describes all the attributes of one-time fee.

Table 2-3   Attributes of One-Time Fee

Attribute	Description
Price Type	**Purchase**, **Cancel**, and **Penalty** are the three available options for Price Type. Digital Business Experience recommends to select **Purchase** for service, device, or accessory offering. This gets synced to BRM PDC as relevant one-time event of the charge offer. This gets synced to Siebel CRM as the price type attribute of the product.
Price List	The pricelist associated with one-time fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Start Date and End Date	The starting and ending date of the one-time fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the one-time fee. This gets synced to both BRM PDC and Siebel CRM.

Table 2-4 describes all the attributes of recurring fee.

Table 2-4   Attributes of Recurring Fee

Attributes	Description
Recurring Fee Type	**Cycle**, **Cycle Arrears**, and **Cycle Forward Arrears** are the three available options for **Recurring Fee Type**. This gets synced to BRM PDC as the relevant (cycle, cycle_arrears, and cycle_forward_arrears) recurring event of the charge offer. This gets synced to Siebel CRM as the price type attribute of the product.
Advanced Pricing Model	The advanced pricing model is used to configure an allowance.
Period	The interval at which the recurring fee is billed. Digital Business Experience recommends you to set this as **Monthly** for service, device or accessory offering.

Table 2-4   (Cont.) Attributes of Recurring Fee

Attributes	Description
Price List	The pricelist associated with the recurring fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Start Date and End Date	The starting and ending date of the fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the recurring fee. This gets synced to both BRM PDC and Siebel CRM.

Table 2-5 describes the attributes of usage fee.

Table 2-5   Attributes of Usage Fee

Attribute	Description
Price List	The pricelist associated with the usage fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Usage Specification	The usage specification that is to be associated with the usage fee. This gets synced to BRM PDC as the usage event of the charge offer. This does not get synced to Siebel CRM.
Metering Rule	The metering rule determines how the usage fee is measured. This gets synced to the usage event of the charge offering. Digital Business Experience supports the values **Duration**, **Volume**, and **Occurance**. This does not get synced to Siebel CRM.
Unit of measure	The unit of measure that is to be used for the usage fee. This gets synced to the usage event of the charge offer. This does not get synced to Siebel CRM.
Price Format	The pricing format of the usage fee. This gets synced to the usage event of the charge offer. This does not get synced to Siebel CRM.
Start Date and End Date	The starting and ending date of the usage fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the usage fee. This gets synced to both BRM PDC and Siebel CRM.

Table 2-6 maps how service, device, and accessory offerings get synced across the applications in Digital Business Experience according to the fee type.

Table 2-6   Entity Mapping for Service, Device, and Accessory Offering

Launch	Siebel	PDC
Service, device, or accessory with one-time fee	Product with price type as one-time and price value captured in the pricelist	Single charge offer with related single time event
Service, device, or accessory with recurring fee	Product with price type as recurring and price value captured in the pricelist	Single charge offer with related monthly carried forward event
Service, device, or accessory with usage fee	Product with price type as usage and a price value of 0 captured in the pricelist	Single charge offer with related usage (delayed) event
Service, device, or accessory with one-time and recurring fee	Two products with parent child relationship. Parent product with price type as recurring and child product with price type as one-time	Single charge offer with two related events - one-time and monthly carried forward event
Service, device, or accessory with recurring and usage fee	Single product with price type as recurring and price value of recurring fee captured in the pricelist	Single charge offer with two events - monthly carried forward event and usage (delayed) event

Table 2-6   (Cont.) Entity Mapping for Service, Device, and Accessory Offering

Launch	Siebel	PDC
Service, device, or accessory with one-time and usage fee	Single product with price type as one-time and price value of one-time captured in the pricelist	Single charge offer with two events - one-time event and usage (delayed) event
Service, device, or accessory with one-time, recurring, and usage fee	Two products with parent child relationship. Parent product with price type as recurring and child product with price type as one-time	Single charge offer with three events - one-time event, monthly carried forward event, and usage (delayed) event

Recommendations for Service, Device, and Accessory Offerings

- Item type offerings can only have one-time fee, whereas subscription type offerings can have any combination of fees, including one-time, recurring, and usage.

- When you purchase a subscription type offering, a product instance is created under purchased offers in BRM PDC, but when you purchase an item type offering, it is not tracked in BRM PDC.

- Always set the **Trackable as Asset** flag to **true** for a subscription type offering.

- You should map the service, device, and accessory to the right **Billing Service Type**. If the offering cannot be matched to a specific service within **Billing Service Type**, make it an account-level product by selecting **Account** from the drop-down list.

- You should add all service type offerings to either a service bundle or mark them as a simple service bundle by setting the flag for **Service Instance** to **true**.

- Account-level offerings should not be included in service bundles.

Creating a Discount Offering

CSPs create discount offerings to give their customers monetary and non-monetary benefits. Some examples are as follows:

- A discount of 10 USD on the monthly fee of a broadband service is a discount offering that provides monetary benefit in amount.

- A discount of 20% on the usage fee of a text service is a discount offering that provides monetary benefit in percentage.

- 10 GB free allowance of data is a discount offering that provides non-monetary benefit.

A discount offering gets synced to Siebel CRM as a simple product and to BRM PDC as a discount offer.

You also create discount offerings to provide consumption rules on usage allowance.

Discount offerings are configured as simple product offerings with **Offering Type** set to **Discount** and the specific discount is configured as alterations to the pricing.

Table 2-7 describes the details you provide in Launch while creating a discount offering and how this information is synchronized across the participating applications in Digital Business Experience.

Table 2-7   Attribute Mapping for Discount Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
Name	Name of the discount offering you want to create.	Product Name	Discount offer Name
Description	A description for the discount offering.	Product Description	Discount offer Description
Start Date	The date from which the discount offering is valid.	Start Date of the product	Start Date of the discount offer
End Date	The date till which the discount offering is valid.	End Date of the product	End Date of the discount offer
Product Specification	The product specification associated with the discount offering.	Product Class of the product	N/A
Billing Type	The Billing Type of the discount offering. This can either be **Subscription** or **Item**. If you select **Item**, you can only select a one-time fee, as **Item** indicates an entity for which you pay once. An offering with Billing Type **Item** cannot include usage or recurring charges. But, for an offering with Billing Type **Subscription**, you can associate all types of fees with it.	This is always synced to Siebel CRM as **Discount**	Billing Type of the discount offer
Billing Service Type	The Billing Service Type of the discount offering. It can be **Account** or any other user configured services.	Billing Service Type of the product	Service Type of the discount offer
Service Instance	This flag determines whether an offering can be configured as simple service bundle or not. Digital Business Experience recommends to set this flag to **false** for discount offering.	Service Instance of the product	N/A
Pricing Commit Type	The Pricing Commit Type of the discount offering. The value of this attribute has no impact on discount offering.	Pricing Commit Type of the product	N/A
Dynamic Discount Method	The Dynamic Discount Method of the discount offering. The value of this attribute has no impact on discount offering.	Dynamic Discount Method of the product	N/A
Fulfillment Item Code	The Fulfillment Item Code of the discount offering.	Fulfillment Item Code of the product	N/A
Composition Type	The Composition Type of the discount offering. It can either be **Partial Item** or **Whole Item**. Digital Business Experience recommends to set this as **Whole Item** for discount offering.	Composition Type of the product	N/A
Orderable	This flag determines whether the discount offering can be ordered or not. Digital Business Experience recommends to set this flag to **true** for discount offering.	Orderable attribute of the product	N/A
Configurable	This flag determines whether the discount offering can be customized or not.	Customizable attribute of the product	N/A
Bill on Purchase	This flag determines whether the discount offering is billed at purchase or not. Digital Business Experience recommends to set this flag to **true** for discount offering.	Billable attribute of the product	N/A
Trackable as Asset	This flag determines whether the discount offering can be tracked as an asset or not. Digital Business Experience recommends to set this flag to **true** for discount offering.	Trackable as Asset attribute of the product	N/A

Table 2-7   (Cont.) Attribute Mapping for Discount Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
Product Line	The product line of the discount offering.	Product Line of the product	N/A

> **Note:**
>
> N/A indicates that the particular entity is not synced to BRM PDC.

Pricing for Discount Offering

Launch lets you create discounts for one-time, recurring, and usage fee. You can create discounts for various fees by creating the specific fee with price zero and adding the required discount as an alteration to the specific fee.

Discount - Fixed, **Discount Percentage**, and **Consumption Discount Model** are the three available ways of adding an alteration for a discount offering. You can select this from the drop-down list for **Add Price Alteration**. Fixed and percentage discount let you set a fixed discount in terms of amount or percentage that will be reduced from the base price. Consumption Discount Model is used to add composite alterations and apply discount triggers on the existing allowances and usage fee to set a pattern of consumption and billing. When the trigger is met, the required alteration set up by the product manager is applied. Consumption Discount Model is only applicable for usage fee, while Discount-Fixed and Discount Percentage are applicable to all kinds of fee. For Discount-Fixed and Discount Percentage, you add an alteration without any discount triggers.

Table 2-8 describes all the required attributes to create one-time fee.

Table 2-8   Attributes of One-Time Fee

Attribute	Description
Price Type	**Purchase**, **Cancel**, and **Penalty** are the three available options for Price Type. It is recommended to select **Purchase** for Digital Business Experience. This gets synced to BRM PDC as purchase charge event of the discount offer. This gets synced to Siebel CRM as the price type attribute of the product.
Price List	Pricelist associated with one-time fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Start Date and **End Date**	The starting and ending date of the fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the one-time fee. Digital Business Experience recommends to set this to **Zero**. This gets synced to both BRM PDC and Siebel CRM.
Name	Name of the alteration if **Discount-Fixed** or **Discount Percentage** is selected for **Add Price Alteration**.
Discount Amount or **Discount Percent**	The value of the discount in amount or percentage.

Table 2-9 describes all the attributes of recurring fee.

Table 2-9   Attributes of Recurring Fee

Attributes	Description
Recurring Fee Type	**Cycle**, **Cycle Arrears**, and **Cycle Forward Arrears** are the three available options for **Recurring Fee Type**. This gets synced to BRM PDC as the relevant (cycle, cycle_arrears, and cycle_forward_arrears) recurring event of the discount offer. This gets synced to Siebel CRM as the price type attribute of the product.
Period	The interval at which the recurring fee is billed. Digital Business Experience recommends you to set this as **Monthly** for discount offering.
Price List	Pricelist associated with recurring fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Start Date and End Date	The starting and ending date of the price. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the recurring fee. Digital Business Experience recommends to set this to **Zero**. This gets synced to both BRM PDC and Siebel CRM.
Name	Name of the alteration if **Discount-Fixed** or **Discount Percentage** is selected for **Add Price Alteration**.
Discount Amount or **Discount Percent**	The value of the discount in amount or percentage.

Table 2-10 describes the attributes of usage fee.

Table 2-10   Attributes of Usage Fee

Attribute	Description
Price List	Pricelist associated with the usage fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Usage Specification	Usage specification that is to be associated with the usage fee. This gets synced to BRM PDC as the usage event of the discount offer. This does not get synced to Siebel CRM.
Metering Rule	The metering rule determines how the usage fee is measured. Digital Business Experience supports the values **Duration**, **Volume**, and **Occurance**. This does not get synced to Siebel CRM.
Unit of Measure	The unit of measure that is to be used for the usage fee. This gets synced to the usage event of the discount offer. This does not get synced to Siebel CRM.
Price Format	The pricing format of the usage fee. This gets synced to the usage event of the discount offer. This does not get synced to Siebel CRM.
Start Date and **End Date**	The starting and ending date of the usage fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the usage fee. Digital Business Experience recommends to set this to **Zero**. This gets synced to both BRM PDC and Siebel CRM.
Name	Name of the composite alteration if **Consumption Discount Model** is selected for **Add Price Alteration**.
Start Date and **End Date**	Effective date of the composite alteration.
Name	Name of the discount trigger.
Operator	The operator indicates the point at which the trigger is applied.
Value	The value applied on the operator.

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Table 2-10   (Cont.) Attributes of Usage Fee

Attribute	Description
Name	Name of the alteration if **Discount-Fixed** or **Discount Percentage** is selected for **Add Price Alteration**.
Discount Amount or **Discount Percent**	The value of the alteration in amount or percentage.

See Set Up Price Alterations in *Oracle Communications Launch Cloud Service User's Guide* for more information about setting up price alterations.

Table 2-11 describes how a discount offering gets synced across the applications in Digital Business Experience.

Table 2-11   Entity Mapping for Discount Offerings

Launch	Siebel CRM	BRM PDC
Discount offering	Product with Billing Type **Discount** and Price **zero**.	Discount offer

Creating a Time-Based Offering

CSPs create time-based offerings to the discounts active for a fixed time after purchase. You can create a time-based offering by creating a product specification with a set of attributes and associating it with the time-based offering.

A time-based offering gets synced to Siebel CRM as a simple product and to BRM PDC as a discount offer.

Table 2-12 describes a set of attributes you can define for a product specification to create a time-based offering:

Table 2-12   Attributes of a Product Specification to Create a Time-Based Offering

Name	Data Type	Value	Description
Duration	Number	1,2,3...	This attribute is used along with `DurationUnitOfMeasure` to calculate the validity of a time-based offering.
DurationUnitOfMeasure	Text	Days and Months	The unit used to measure the duration

Table 2-12   (Cont.) Attributes of a Product Specification to Create a Time-Based Offering

Name	Data Type	Value	Description
DurationValidityStart	Text	Now Original Start Original End	This attribute is used by Siebel to re-calculate the end date of the offering when the duration of the already purchased offering changes due to a promotion upgrade or downgrade. **Now**: The duration of the validity starts at the due date. Siebel CRM calculates end date of a service by adding the value of `Duration` to the due date along with value of `DurationUnitOfMeasure.` **Original Start**: The duration of the validity starts at the start date. Siebel CRM calculates the end date of a service by adding the value of `Duration` to the start date along with the value of `DurationUnitOfMeasure.` **Original End**: The duration of the validity starts at the original end date. This value is used in change orders. Siebel CRM calculates the end date of a service by adding the value of `Duration` to the original end date along with the value of `DurationUnitOfMeasure.`

The information you provide while creating a time-based offering in Launch impacts the flow of the run-time module and the entire solution.

provides information you need while creating a time-based offering and how they are translated across participating applications in Digital Business Experience:

Table 2-13   Attribute Mapping for Time-Based Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
Name	Name of the time-based offering you want to create.	Product Name	Time-based offer Name
Offering Type	Type of the simple product offering you want to create. Select **Time-Based Offering** to create a time-based offering.	Product Type	N/A
Description	A description for the time-based offering.	Product Description	Time-based offer Description
Start Date	The date from which the time-based offering is valid.	Start Date of the product	Start Date of the time-based offer

Table 2-13 (Cont.) Attribute Mapping for Time-Based Offering

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM	Name of the Attribute in BRM PDC
End Date	The date till which the time-based offering is valid.	End Date of the product	End Date of the time-based offer
Product Specification	The product specification associated with the time-based offering.	Product Class of the product	N/A
Billing Type	The Billing Type of the time-based offering. This can either be **Subscription** or **Item**. If you select **Item**, you can only select a one-time fee, as **Item** indicates an entity for which you pay once. An offering with Billing Type **Item** cannot include usage or recurring charges. But, for an offering with Billing Type **Subscription**, you can associate all types of fees with it.	This is always synced to Siebel CRM as **Discount**	Billing Type of the time-based offer
Billing Service Type	The Billing Service Type of the time-based offering. It can be **Account** or any other user configured services.	Billing Service Type of the product	Service Type of the time-based offer
Service Instance	This flag determines whether an offering can be configured as simple service bundle or not. Digital Business Experience recommends to set this flag to **false** for a time-based offering.	Service Instance of the product	N/A
Pricing Commit Type	The Pricing Commit Type of the time-based offering. The value of this attribute has no impact on time-based offering.	Pricing Commit Type of the product	N/A
Dynamic Discount Method	The Dynamic Discount Method of the time-based offering. The value of this attribute has no impact on time-based offering.	Dynamic Discount Method of the product	N/A
Fulfillment Item Code	The Fulfillment Item Code of the time-based offering.	Fulfillment Item Code of the product	N/A
Composition Type	The Composition Type of the time-based offering. It can either be **Partial Item** or **Whole Item**. Digital Business Experience recommends to set this as **Whole Item** for time-based offering.	Composition Type of the product	N/A
Orderable	This flag determines whether the time-based offering can be ordered or not. Digital Business Experience recommends to set this flag to **true** for time-based offering.	Orderable attribute of the product	N/A
Configurable	This flag determines whether the time-based offering can be customized or not.	Customizable attribute of the product	N/A
Bill on Purchase	This flag determines whether the time-based offering is billed at purchase or not. Digital Business Experience recommends to set this flag to **true** for time-based offering.	Billable attribute of the product	N/A
Trackable as Asset	This flag determines whether the time-based offering can be tracked as an asset or not. Digital Business Experience recommends to set this flag to **true** for time-based offering.	Trackable as Asset attribute of the product	N/A
Product Line	The product line of the time-based offering.	Product Line of the product	N/A

> **Note:**
>
> N/A indicates that the particular entity is not synced to BRM PDC.

Pricing For Time-Based Offering

Launch lets you create time-based offerings with one-time, recurring, and usage fee. You can create discounts on various fees for time-based offerings by creating the specific fee with price zero and adding the required discount as an alteration to the specific fee.

Discount - Fixed and **Discount Percentage** are the two available ways of adding an alteration for a time-based offering. You can select this from the drop-down list for **Add Price Alteration**. Fixed and percentage discount let you set a fixed discount in terms of amount or percentage that will be reduced from the base price.

Table 2-14 describes all the required attributes to create one-time fee.

Table 2-14   Attributes of One-Time Fee

Attribute	Description
Price Type	**Purchase**, **Cancel**, and **Penalty** are the three available options for Price Type. It is recommended to select **Purchase** for Digital Business Experience. This gets synced to BRM PDC as purchase charge event of the discount offer.
Price List	Pricelist associated with one-time fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Start Date	Start date of the one-time fee. This gets synced to both BRM PDC and Siebel CRM.
End Date	End date of the one-time fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the one-time fee. Digital Business Experience recommends to set this to **Zero**. This gets synced to both BRM PDC and Siebel CRM.
Name	Name of the alteration if **Discount-Fixed** or **Discount Percentage** is selected for **Add Price Alteration**.
Discount Amount or **Discount Percent**	The value of the discount in amount or percentage.

Table 2-15 describes all the required attributes to create recurring fee.

Table 2-15   Attributes of Recurring Fee

Attributes	Description
Recurring Fee Type	**Cycle**, **Cycle Arrears**, and **Cycle Forward Arrears** are the three available options for **Recurring Fee Type**. This gets synced to BRM PDC as the relevant (cycle, cycle_arrears, and cycle_forward_arrears) recurring event of the discount offer. This gets synced to Siebel CRM as the price type attribute of the product.
Period	The interval at which the recurring fee is billed. Digital Business Experience recommends you to set this as **Monthly** for time-based offering.

Table 2-15   (Cont.) Attributes of Recurring Fee

Attributes	Description
Price List	Pricelist associated with recurring fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Start Date and **End Date**	The starting date of the price. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the recurring fee. Digital Business Experience recommends to set this to **Zero**. This gets synced to both BRM PDC and Siebel CRM.
Name	Name of the alteration if **Discount-Fixed** or **Discount Percentage** is selected for **Add Price Alteration**.
Discount Amount or **Discount Percent**	The value of the discount in amount or percentage.

Table 2-16 describes all the required attributes to create usage fee.

Table 2-16   Attributes of Usage Fee

Attribute	Description
Price List	Pricelist associated with the usage fee. A single pricelist gets synced to BRM PDC as single charge and a mult-pricelist gets synced as a charge selector. This gets synced to Siebel CRM as pricelist of the product.
Usage Specification	Usage specification that is to be associated with the usage fee. This gets synced to BRM PDC as the usage event of the discount offer. This does not get synced to Siebel CRM.
Metering Rule	The metering rule determines how the usage fee is measured. Digital Business Experience supports the values **Duration**, **Volume**, and **Occurance**. This does not get synced to Siebel CRM.
Unit of measure	The unit of measure that is to be used for the usage fee. This gets synced to the usage event of the discount offer. This does not get synced to Siebel CRM.
Price Format	The pricing format of the usage fee. This gets synced to the usage event of the discount offer. This does not get synced to Siebel CRM.
Start Date and **End Date**	The starting and ending date of the usage fee. This gets synced to both BRM PDC and Siebel CRM.
Price	The value of the usage fee. Digital Business Experience recommends to set this to **Zero**. This gets synced to both BRM PDC and Siebel CRM.
Name	Name of the alteration if **Discount-Fixed** or **Discount Percentage** is selected for **Add Price Alteration**.
Discount Amount or **Discount Percent**	The value of the discount in amount or percentage.

See Set Up Price Alterations in *Oracle Communications Launch Cloud Service User's Guide* for more information about setting up price alterations.

Table 2-17 describes how a time-based offering gets synced across the applications in Digital Business Experience.

Table 2-17   Entity Mapping for Time-Based Offerings

Launch	Siebel CRM	BRM PDC
Time-based offering	Product with Billing Type **Discount** and Price **zero**.	Discount offer

Creating a Bundled Product Offering

In Digital Business Experience, Launch lets you create bundled product offerings from the **Offering Management** page. Launch has three types of offerings under bundled product offerings; package, commercial bundle, and service bundle.

To create a bundled product offering in Launch, see Create a Bundle Offer in *Oracle Communications Launch Cloud Service User's Guide*.

Figure 2-1 depicts the hierarchy and cardinality of the product offerings.

Figure 2-1   Hierarchy of Product Offerings
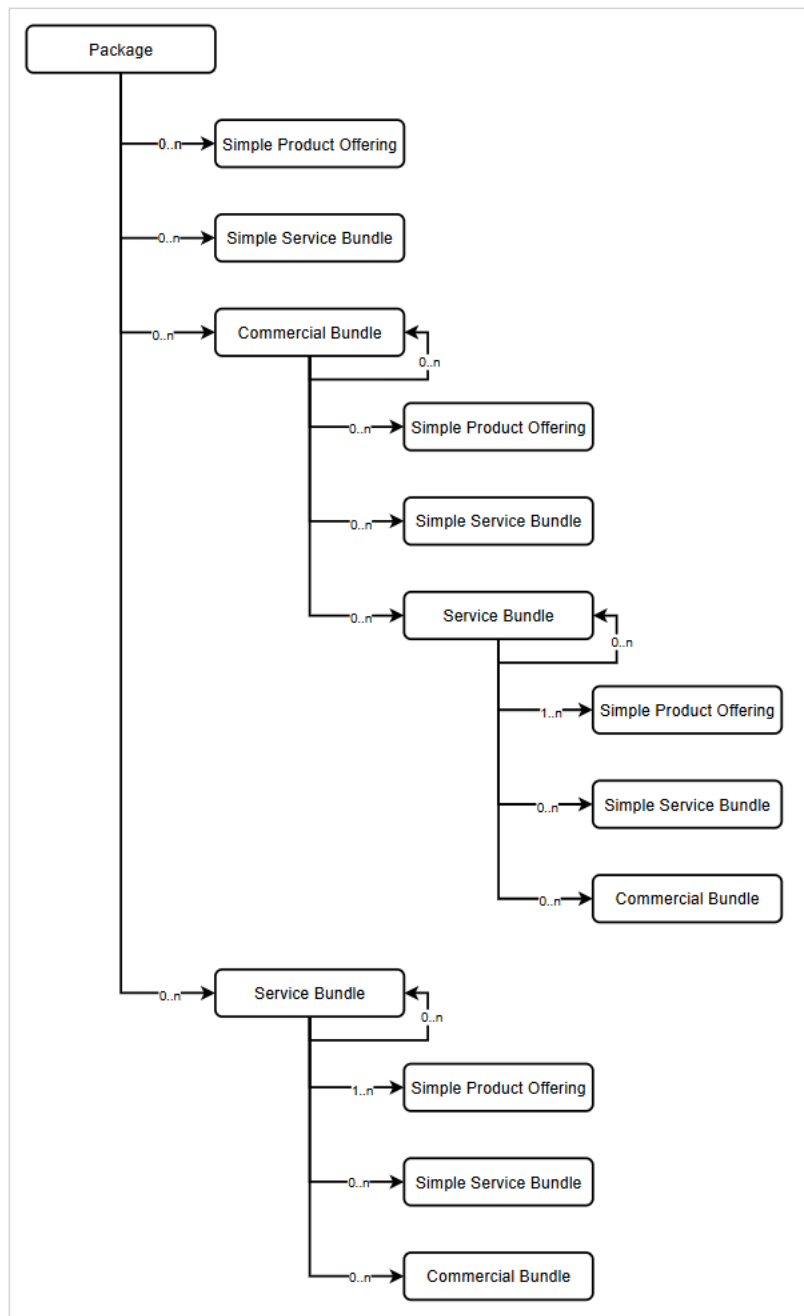
Creating a Service Bundle

You create service bundles to bundle the services of similar type in Digital Business Experience. When a service bundle is purchased along with its components, a service instance is created in BRM PDC and its components are purchased as product instances.

Here are some examples:

- You can add a broadband service having a recurring fee and a broadband installation service with a one-time fee to a broadband service bundle.

- You can add a broadband service having a recurring fee and a broadband service with 25% discount on the broadband recurring fee to a broadband service bundle.

- You can add a voice service having a recurring fee, some credit allowance, a usage fee, and a discount offer with consumption rule to a voice service bundle.

The information you provide while creating a service bundle in Launch impacts the flow of the run-time module and the entire solution. A service bundle only gets synced to Siebel CRM.

Table 2-18 provides information you need while creating a service bundle and how it is translated across participating applications in Digital Business Experience:

Table 2-18   Attribute Mapping for Service Bundle

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM
Name	Name of the service bundle.	Product Name
Description	A description for the service bundle.	Product Description
Start Date	The date from which the service bundle is valid.	Start Date of the product
End Date	The date till which the service bundle is valid.	End Date of the product
Product Specification	The product specification associated with the service bundle.	Product Class of the product
Attributes	The attributes of the offerings imported from the product specification associated with the service bundle.	Attributes of the product
Billing Type	The Billing Type of the service bundle. Digital Business Experience recommends to set this as **service bundle**.	Billing Type attribute of the product
Billing Service Type	The Billing Service Type of the service bundle.	Billing Service Type attribute of the product
Pricing Commit Type	The Pricing Commit Type of the service bundle. This value has no impact on service bundle.	Pricing Commit Type attribute of the product
Dynamic Discount Method	The Dynamic Discount Method of the service bundle. This value has no impact on service bundle.	Dynamic Discount Method attribute of the product
Fulfillment Item Code	The Fulfillment Item Code associated with the service bundle.	Fulfillment Item Code attribute of the product.
Composition Type	The Composition Type of the service bundle. It can either be a **Partial Item** or a **Whole Item**. Digital Business Experience recommends to set this as **Whole Item** for a service bundle.	Composition Type attribute of the product

Table 2-18   (Cont.) Attribute Mapping for Service Bundle

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM
Orderable	The orderable attribute of the service bundle. This flag determines whether the service bundle can be ordered or not. Digital Business Experience recommends you to set this flag to **true** for a service bundle.	Orderable attribute of the product
Configurable	The configurable attribute of the service bundle. This flag determines whether a service bundle can be customized or not. Digital Business Experience recommends you to set this flag to **true** for a service bundle.	Customizable attribute of the product
Bill on Purchase	This flag determines whether a service bundle is billed at purchase or not. Digital Business Experience recommends you to set this flag to **true** for a service bundle.	The billable attribute of the product.
Trackable as Asset	This flag determines whether a service bundle can be tracked as an asset or not. Digital Business Experience recommends you to set this flag to **true** for a service bundle.	Trackable as Asset attribute of the product.
Components	The components of the service bundle.	Children of the product.

Recommendations for Service Bundles

- You should set **Billing Type** as **Service Bundle** for service bundles.

- You should not set **Account** as **Billing Service Type** for service bundles.

- You can include service, device, accessory, discount, and time-based offerings as components of service bundles.

- You must include at least one subscription type service, device, or accessory as the component of service bundles.

- You can also include option group as a component of service bundles.

- All the components of the service bundle must be of the same **Billing Service Type** as of the service bundle itself.

- You can include simple service bundle offerings as a component of service bundles. **Billing Service Type** of the component simple service bundle and the specific service bundle need not be the same.

- You can nest service bundles. **Billing Service Type** of nested service bundles need not be same as the parent service bundle.

- You can also include a commercial bundle as a component of service bundles. Immediate child of the commercial bundle in this case must have the same **Billing Service Type** as that of the parent service bundle.

- You should not include offerings that has **Billing Service Type** set to **Account** as components of service bundles.

Creating a Commercial Bundle

You can create a commercial bundle to bundle the related services. For example, you can add a voice service bundle, text service bundle, data service bundle, and a SIM Card to a commercial bundle.

A commercial bundle only gets synced to Siebel CRM, and not to BRM PDC. It gets synced to Siebel CRM as product with product type **Bundle**.

The information you provide while creating a commercial bundle in Launch impacts the flow of the run-time module and the entire solution.

Table 2-19 provides information you need while creating a commercial bundle and how it is translated across participating applications in Digital Business Experience:

Table 2-19   Attribute Mapping for Commercial Bundle

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM
Name	Name of the commercial bundle.	Product Name
Description	A description for the commercial bundle.	Product Description
Start Date	The date from which the commercial bundle is valid.	Start Date of the product
End Date	The date till which the commercial bundle is valid.	End Date of the product
Product Specification	The product specification associated with the commercial bundle.	Product Class of the product
Attributes	The attributes of the offerings imported from the Product Specification associated with the commercial bundle.	Attributes of the product
Billing Type	The Billing Type of the commercial bundle. Digital Business Experience recommends to leave this field empty for a commercial bundle.	Billing Type attribute of the product
Billing Service Type	The Billing Service Type of the commercial bundle. Digital Business Experience recommends to leave this field empty for a commercial bundle.	Billing Service Type attribute of the product
Pricing Commit Type	The Pricing Commit Type of the commercial bundle. This value has no impact on a commercial bundle.	Pricing Commit Type attribute of the product

Table 2-19   (Cont.) Attribute Mapping for Commercial Bundle

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM
Dynamic Discount Method	The Dynamic Discount Method of the commercial bundle. This value has no impact on a commercial bundle.	Dynamic Discount Method attribute of the product
Fulfillment Item Code	The Fulfillment Item Code associated with the commercial bundle.	Fulfillment Item Code attribute of the product
Composition Type	The Composition Type of the commercial bundle. It can either be a **Partial Item** or a **Whole Item**. Digital Business Experience recommends to set this as **Whole Item** for a commercial bundle.	Composition Type attribute of the product
Orderable	The orderable attribute of the commercial bundle. This flag determines whether the commercial bundle can be ordered or not. Digital Business Experience recommends you to set this flag to **true** for a commercial bundle.	Orderable attribute of the product
Configurable	The configurable attribute of the commercial bundle. This flag determines whether a commercial bundle can be customized or not. Digital Business Experience recommends you to set this flag to **true** for a commercial bundle.	Customizable attribute of the product
Bill on Purchase	This flag determines whether a commercial bundle is billed at purchase or not. Digital Business Experience recommends you to set this flag to **true** for a commercial bundle.	Billable attribute of the product
Trackable as Asset	This flag determines whether a commercial bundle can be tracked as an asset or not. Digital Business Experience recommends you to set this flag to **true** for a commercial bundle.	Trackable as Asset attribute of the product
Components	The components of the commercial bundle.	Children of the product

Creating a Package

You can create a package to bundle the related services and make it available to the customers. Some examples are as follows:

- You can add a wireless package, OTT services, and device offer aggregation to a mobile package.

- You can add a broadband bundle, email service, routers, and modems to a broadband package.

- You can add a wireless package, broadband bundle, OTT services, mobile devices, routers, and modems to create a dual play package.

Packages can have upgrade or downgrade rules and offer aggregations.

Packages get synced only to Siebel CRM as product with Product Type **Promotion**, and not to BRM PDC.

The information you provide while creating a package in Launch impacts the flow of the run-time module and the entire solution.

Table 2-20 describes the details you provide while creating a package and how these details are populated and synchronized across participating applications in Digital Business Experience:

Table 2-20   Attribute Mapping for Package

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM
Name	Name of the package.	Promotion product Name
Description	A description for the package.	Promotion product Description
Start Date	The date from which the package is valid.	Start Date of the promotion product
End Date	The date till which the package is valid.	End Date of the promotion product
Product Specification	The product specification associated with the package.	Product Class of the promotion product
Attributes	The attributes of the offerings imported from the product specification associated with the package.	Attributes of the promotion product
Pricing Commit Type	The Pricing Commit Type of the package. This value has no impact on package.	Pricing Commit Type attribute of the promotion product
Dynamic Discount Method	The Dynamic Discount Method of the package. This value has no impact on package.	Dynamic Discount Method attribute of the promotion product.
Fulfillment Item Code	The Fulfillment Item Code associated with the package.	Fulfillment Item Code of the promotion product
Composition Type	The Composition Type of the package. It can either be a **Partial Item** or a **Whole Item**. Digital Business Experience recommends to set this as **Whole Item** for a package.	Composition Type of the promotion product
Orderable	The orderable attribute of the package. This flag determines whether the package can be ordered or not. Digital Business Experience recommends you to set this flag to **true** for a package.	Orderable attribute of the promotion product

Table 2-20   (Cont.) Attribute Mapping for Package

Name of the Attribute in Launch	Description	Name of the Attribute in Siebel CRM
Configurable	The configurable attribute of the package. This flag determines whether a package can be customized or not. Digital Business Experience recommends you to set this flag to **true** for a package.	Customizable attribute of the promotion product
Bill on Purchase	This flag determines whether a package is billed at purchase or not. Digital Business Experience recommends you to set this flag to **true** for a package.	Billable attribute of the promotion product
Trackable as Asset	This flag determines whether a package can be tracked as an asset or not. Digital Business Experience recommends you to set this flag to **true** for a package.	Trackable as Asset attribute of the promotion product
Components	The components of the package.	Children of the promotion product

About Offer Aggregation and Option Group

Offer Aggregation

An offer aggregation is a collection of offerings associated to a product line or a product specification with a default value and cardinality limit. You can create an offer aggregation for a bundled product offering of type package. For example, brand A has 15 phones associated to a product line, of which 8 belong to a product specification and 7 other to another set of product specifications with similar characteristics. If you want to provide a discount on all the 15 phones, then instead of selecting all the 15 different phone offerings, you could create an aggregation with the product specifications that are common to all the 15 phone offerings. This way all the offerings associated to the product specification get the discount without creating different packages for different offerings.

To create an offer aggregation, see the topic "Create an Offer Aggregation" in the chapter Product Offers in *Oracle Communications Launch Cloud Service User's Guide*.

An offer aggregation within a package get synced to Siebel CRM as a Promotion. For more information, see Specifying Product Lines or Product Classes for a Product Promotion in *Oracle Communications Siebel Pricing Administration Guide*.

Option Groups

An option group is a grouping of similar offerings. This gets synced to Siebel CRM as dynamic class. You can create option groups while creating bundled product offerings (service bundles or commercial bundles). As a product manager, you can use option groups to group similar offerings and set cardinality at the group level. For example, consider a wireless data bundle that groups atomic offerings; 1 GB data offering, 5 GB data offering, and a 10 GB data offering. You can set one of the offerings within the option group as default. You can override the default value of an option group at the package level. This enables you to set a different default value within the context of a package and avoid proliferation of bundled product offerings.

To create an option group, see the topic "Create Product Option Groups" in the chapter Product Offers in *Oracle Communications Launch Cloud Service User's Guide*.

Package Models in Design-Time and Run-Time

Figure 2-2 depicts a package (Package A) in design-time environment:

Figure 2-2   Package A in Design-Time Environment
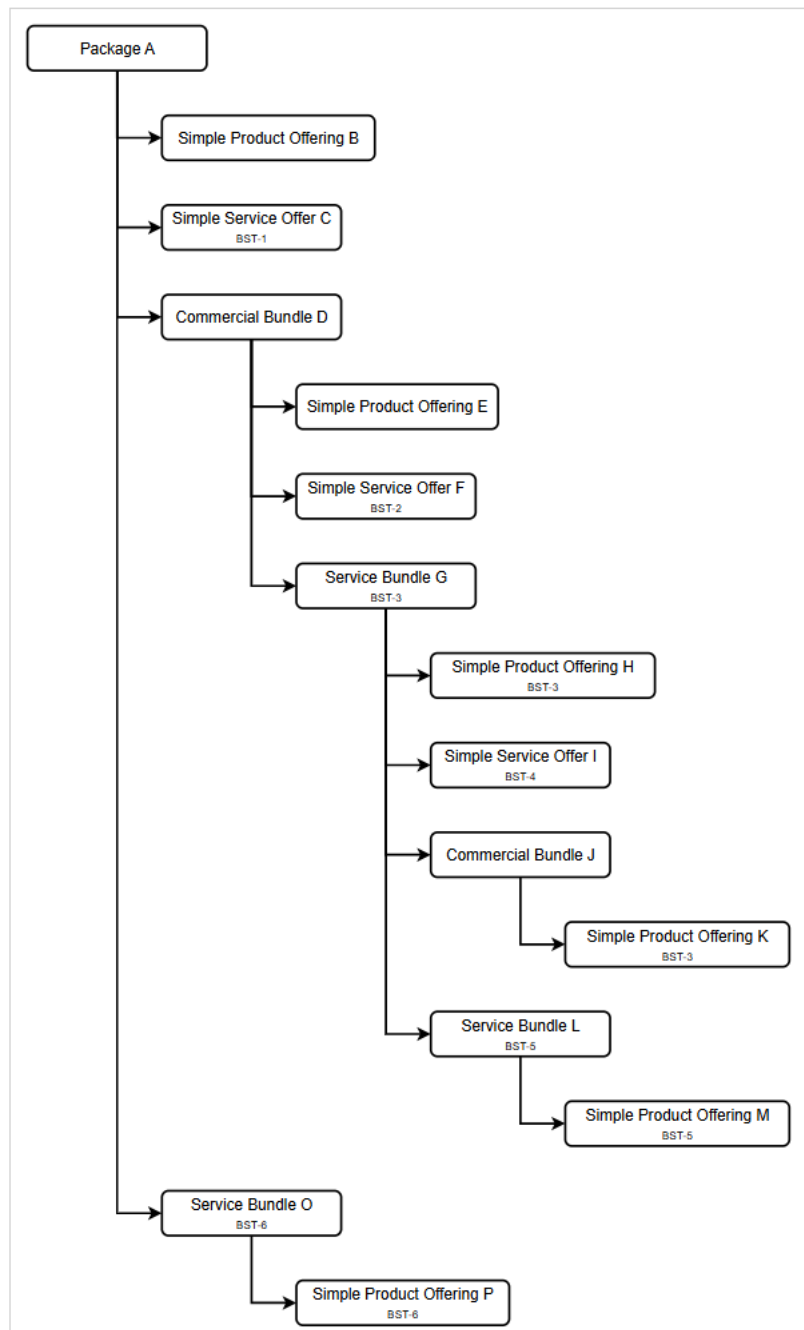
The above diagram depicts that:

- Simple product offering B and E can only be account-level products.

- Billing Service Type of simple product offering H and K must be same as that of service bundle G.

- Billing Service Type of simple product offering M must be same as that of service bundle L.

- Billing Service Type of simple product offering P must be same as that of service bundle O.

Figure 2-3 represents the same package (Package A) in run-time environment (BRM PDC).

Figure 2-3   Package A in Run-Time Environment
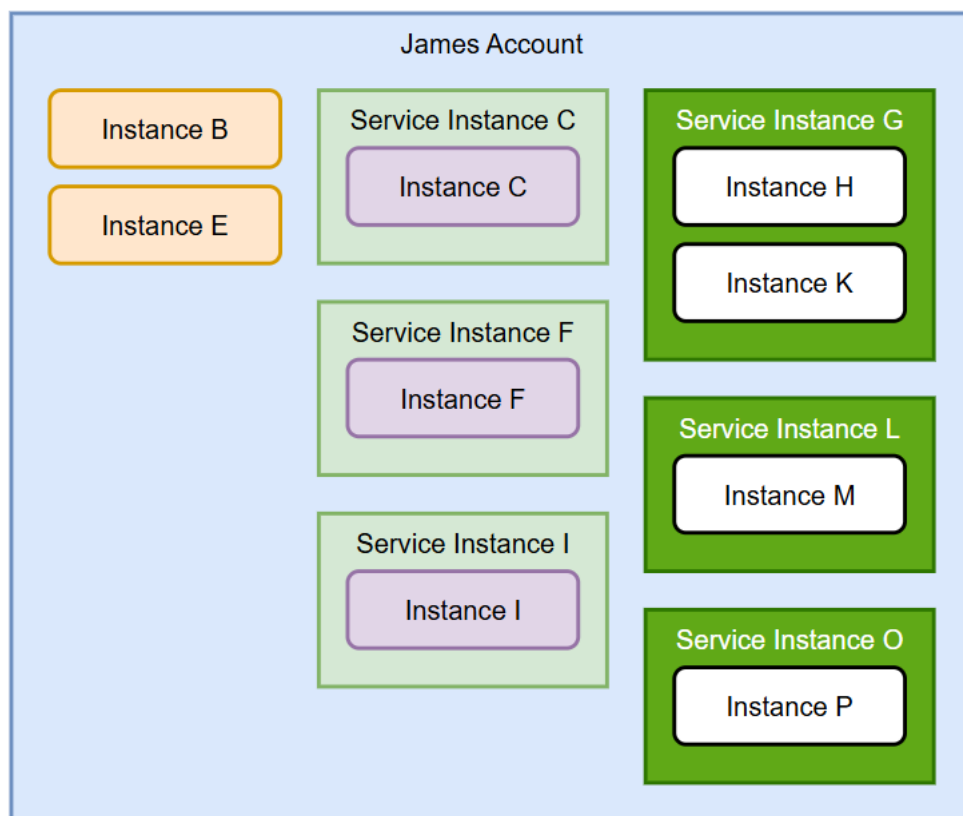
Fulfillment Item Code

Fulfillment Item Code is one of the attributes of a product offering. A Fulfillment Item Code is required to map an OSM product specification with a product offering in Siebel CRM so that all order lines are mapped to a product specification. It is either the value of the product specification or one of the values from the product specification hierarchy of the product offering. OSM determines the product specification of an order line from the Fulfillment Item Code. It processes the order line based on Product Type Code, Fulfillment Item Code, and Billing Type. OSM further determines the fulfillment actions and dependencies based on product specification and fulfillment request type. The Fulfillment Mode Order header attribute determines the fulfillment request type (deliver or qualify).

Simple Service Bundle

You can create a simple service bundle by setting the **Service Instance** flag to **True** and **Billing Type** to **Subscription** for a service, device, and accessory offering in Launch. In Order-

to-Cash scenarios, the integration treats such products as a regular service bundle in BRM. You can model a simple service bundle by itself, nest it within a regular service bundle, commercial bundle, or a package.

Simple service bundles can only ever have one product. They cannot include other products, discounts, special rating products, or regular service bundles. To combine multiple products and discounts, you must use a regular service bundle.

You should not convert simple service bundles into regular service bundles, nor convert regular service bundles into simple service bundles because of possible effects on the processing of change orders for existing assets. Do not flag a product that is already in a regular service bundle as a simple service bundle. If your product bundling requirements change, you must create a different product. Although you can nest a simple service bundle within a regular service bundle at design time, this does not make the simple service bundle a component of the regular service bundle in the order time. When processing an order containing a simple service bundle nested within a regular service bundle, the integration creates a separate service instance in BRM for each service bundle and each service is billed separately. If you want the service represented by the simple service bundle to be a component of the regular service bundle, you must create a new product, and bundle it as part of the regular service bundle.

If you disconnect a simple service bundle, the integration disconnects both the service instance and the purchased product instance in BRM. You cannot change from one simple service bundle to another while retaining the same service instance.

Defining Overrides on the Product Definition

An override on the product definition can be implemented in two ways; price override and discount override. You can communicate an override via **Pricing Commit Type**.

Pricing Commit Type indicates whether a price override or a discount override is being defined on the product. Possible values are:

*   **Committed**: Indicates that a price override has been defined on the product.
*   **Dynamic**: Indicates that a discount override has been defined on the product.

A pricing override communicates the new net price as the price charged for the product. The final price is mapped to the product General Ledger and there is no financial traceability of this override. Changing prices in mass for existing accounts requires a custom script.

A discount override communicates the difference between the start price and the net price as a discount override. The discount override amount can be traced to a separate General Ledger account.

Dynamic Discount Method identifies the discount type when a discount override has been defined. Possible values are:

*   **Amount**: The discount override is communicated as discount amount.
*   **Percent**: The discount override is communicated as discount percentage.

Setting Up Commitment Terms and Penalty

You can create commitment terms for various offerings. A commitment term is a condition in which the product offering is sold to a customer. For example, you can set a two-year commitment period for a product offering. This effectively means that when you sell this offering, the customer has committed to this offering for a period of two years. You can set up penalty for early termination with the following options:

- **None**

- **Flat**: A flat fee, such as 100 US dollars or 75 euros.

- **Fixed Proration**: A flat termination fee for a contract duration with proration percentage penalty for each remaining month in the contract. The system calculates and evenly spreads the penalty percentage across the contract duration.

- **Variable Proration**: A flat termination fee with different proration percentages for different periods of time within the contract duration.

Commitment terms are synced only to Siebel CRM. Siebel calculates penalty at run-time.

Recommendations for Commitment Terms

- You should define only one commitment term per offering.

- You should copy the Siebel Penalty Offer name and create a simple product offering of Billing Type **Item** in Launch with the same name and publish it to Siebel CRM and BRM PDC.

Creating Price Alterations

Attribute-Based Alteration

You can define attribute-based alterations for one-time and recurring fee of service, device, and accessory offering with Billing Service Type **Account**. Attribute-based price alteration is only synced to Siebel CRM as Discount Matrix.

Price Alteration for Packages

You can provide price alterations for first-level components including offer aggregations of a package. This price alteration is only synced to Siebel CRM as Promotion Component Discount.

The discount should be provided in percentage.

Creating Rules

Rules are different types of conditions that you can set for product offerings. These conditions are applied during the ordering process to ensure that the validations and checks are in place. Digital Business Experience supports three kinds of rules; Migration Rules, Eligibility Rules, and Compatibility Rules.

Refer to the following guides to know more about these rules and creating them in different applications involved:

- In Launch, see Rules in *Oracle Communications Launch Cloud Service Guide.*

- In Siebel, see Product and Promotion Eligibility and Compatibility in *Oracle Communications Siebel Product Administration Guide*.

Recommendations for Rules

While creating a Compatibility Rule, Digital Business Experience only supports **REQUIRES** and **EXCLUDES**.

Launching a Product Offering

This topic describes the tasks for launching a product offering you have created in Launch. The product offerings along with all the entities you want to publish to the downstream systems are added to an Initiative. Initiatives are used to consolidate all the entities you want to publish. See Initiatives and Entity Lifecycle Management in *Oracle Communications Launch Cloud Service User's Guide* for information on managing lifecycle status of catalog entities using initiatives in Launch.

Launch lets you do a single-click sequential publishing to Siebel CRM and BRM PDC. In this sequential publishing, all entities are first synced to Siebel CRM and notified to Launch which then initiates publishing to BRM PDC. See Publish Catalogs in *Oracle Communications Launch Cloud Service Implementation Guide* for more information on publishing catalogs and catalog entities to downstream systems.

3

Assessment-to-Relaunch

This chapter describes the Assessment-to-Relaunch business process and its tasks.

About Assessment-to-Relaunch

The Assessment-to-Relaunch business process handles all design time modifications to existing catalogs. This business process supports "more of the same" product modeling that allows product managers to create, update, and publish product offerings using existing services and domains. The following are some use cases that are supported in Digital Business Experience:

- Assess and repackage your product offerings to include different services and provide new combinations of services and bundles.

- Change the price of a product offering and propagate this change across all references to this product offerings in Digital Business Experience.

- Change the structure of a product offering and modify its cardinality.

- Launch the product offering and publish all the changes to Siebel CRM and BRM PDC.

To relaunch product offerings, in Launch, you perform the following tasks, among other tasks that may be required depending on the product offering you want to modify and relaunch:

- Create a package that offers a different default service

- Create a package that offers a service with different parameters

- Create a package that offers new services and some existing services

- Create a package that offers a new bundle of services along with an existing bundle of services

- Create a new package by bundling existing bundles

- Offer a package and its component services in a new price list

Once the changes are published to the downstream applications (Siebel CRM and BRM PDC), these changes are committed and can be used for any future customer orders. Also, changes in the pricing of the existing product offerings that have been already purchased through an earlier order will reflect in the subsequent billing cycle.

4

Reference Product Models and Seed Data

This chapter provides information about product models that you can use for reference implementation and seed data you would need for implementing the solution.

The product models and the seed data are available in the Digital Business Experience Reference Solution (the Reference Solution). The Reference Solution helps you to deploy the base environment so that you can quickly accept new orders, customize sample orders, and test the end-to-end flow of orders.

See About the Reference Solution in *Oracle Communications Digital Business Experience Concepts Guide* for more information about the Reference Solution.

About Seed Data

The Reference Solution consists of seed data, which provides configuration that should be loaded into each application before a product model can be loaded. The seed data consists of pre-configured setup information (for Launch, BRM, and PDC), which can be customized based on your business model, market region, jurisdiction, business policies, and accounting practices.

The following sections provide details about the prerequisite seed data that is available in the Reference Solution.

Launch Seed Data

This section provides information about the pre-configured seed data set up in Launch. This seed data is readily available in the Reference Solution.

Table 4-1   Prerequisite Launch Seed Data

Lookup Code	Description	Tag	Enabled	Display Sequence
/service/broadband	Broadband service	AtcProductCatalog	Yes	1
/service/email	Email service	AtcProductCatalog	Yes	2
/service/content	Content service	AtcProductCatalog	Yes	3
/service/telco/gsm/telephony	GSM telephony	AtcProductCatalog	Yes	4
/service/telco/gsm/sms	SMS	AtcProductCatalog	Yes	5
/service/telco/gprs	GPRS	AtcProductCatalog	Yes	6
/service/telco/gsm/proximity	Proximity	AtcProductCatalog	Yes	7
/service/telco/gsm/data	Data	AtcProductCatalog	Yes	8
/account	Account	AtcProductCatalog	Yes	9
/service/digitalTV	Digital TV	AtcProductCatalog	Yes	10
/service/digitalMusic	Digital Music	AtcProductCatalog	Yes	11
/service/telco/OTT	OTT	AtcProductCatalog	Yes	12
/service/telco/VoIP	VoIP	AtcProductCatalog	Yes	13

BRM PDC Seed Data

This section provides information about the pre-configured seed data set up in BRM PDC, which consists of pre-configured services, events, RUMs, and service event maps. This seed data is readily available in the Reference Solution.

Table 4-2   Services

Service	Service Type
/service/admin_client	Out-of-the-box
/service/broadband	Out-of-the-box
/service/email	Out-of-the-box
/service/fax	Out-of-the-box
/service/ip	Out-of-the-box
/service/ldap	Out-of-the-box
/service/pcm_client	Out-of-the-box
/service/provider	Out-of-the-box
/service/provider_prod	Out-of-the-box
/service/ssg	Out-of-the-box
/service/stream	Out-of-the-box
/service/telephony	Out-of-the-box
/service/vpdn	Out-of-the-box
/service/telco	Out-of-the-box
/service/settlement	Out-of-the-box
/service/settlement/roaming	Out-of-the-box
/service/settlement/roaming/incollect	Out-of-the-box
/service/settlement/roaming/outcollect	Out-of-the-box
/service/telco/gsm	Out-of-the-box
/service/telco/gsm/data	Out-of-the-box
/service/telco/gsm/fax	Out-of-the-box
/service/telco/gsm/roaming	Out-of-the-box
/service/telco/gsm/sms	Out-of-the-box
/service/telco/gsm/telephony	Out-of-the-box
/service/telco/gprs	Out-of-the-box
/service/telco/gprs/roaming	Out-of-the-box
/service/content	Out-of-the-box
/service/contentprovider	Out-of-the-box
/service/telco/gsm/proximity	Custom
/service/telco/OTT	Custom
/service/telco/VoIP	Custom
/service/digitalTV	Custom
/service/digitalMusic	Custom

Table 4-3   Events

Event	Event Type
/event/broadband/usage	Out-of-the-box
/event/delayed/session	Out-of-the-box
/event/billing/cycle/discount	Out-of-the-box
/event/billing/cycle/discount/mostcalled	Out-of-the-box
/event/billing/cycle/fold	Out-of-the-box
/event/billing/cycle/rollover/monthly	Out-of-the-box
/event/billing/fee/balance_transfer	Out-of-the-box
/event/billing/fee/failed_payment	Out-of-the-box
/event/billing/incentive	Out-of-the-box
/event/billing/installment/debit	Out-of-the-box
/event/billing/loan_fee	Out-of-the-box
/event/billing/loan_grant	Out-of-the-box
/event/billing/loan_late_fee	Out-of-the-box
/event/billing/product/fee/cancel	Out-of-the-box
/event/billing/product/fee/cycle/cycle_arrear	Out-of-the-box
/event/billing/product/fee/cycle/cycle_forward_annual	Out-of-the-box
/event/billing/product/fee/cycle/cycle_forward_arrear	Out-of-the-box
/event/billing/product/fee/cycle/cycle_forward_bimonthly	Out-of-the-box
/event/billing/product/fee/cycle/cycle_forward_monthly	Out-of-the-box
/event/billing/product/fee/cycle/cycle_forward_quarterly	Out-of-the-box
/event/billing/product/fee/cycle/cycle_forward_semiannual	Out-of-the-box
/event/billing/product/fee/purchase	Out-of-the-box
/event/billing/product/fee/purchase/deposit	Out-of-the-box
/event/billing/product/fee/purchase/deposit/refund	Out-of-the-box
/event/billing/remittance	Out-of-the-box
/event/billing/topup	Out-of-the-box
/event/session	Out-of-the-box
/event/session/dialup	Out-of-the-box
/event/session/ipt	Out-of-the-box
/event/session/ipt/call	Out-of-the-box
/event/session/pcm_client	Out-of-the-box
/event/activity/telco	Out-of-the-box
/event/delayed/activity/telco	Out-of-the-box
/event/delayed/session/telco	Out-of-the-box
/event/delayed/session/telco/roaming	Out-of-the-box
/event/session/telco	Out-of-the-box
/event/activity/settlement	Out-of-the-box
/event/delayed/session/telco/gsm	Out-of-the-box
/event/delayed/session/telco/gsm/roaming	Out-of-the-box
/event/session/telco/gsm	Out-of-the-box
/event/delayed/session/telco/gprs	Out-of-the-box
/event/delayed/session/telco/gprs/roaming	Out-of-the-box
/event/session/telco/gprs	Out-of-the-box

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Table 4-3   (Cont.) Events

Event	Event Type
/event/session/telco/gprs/master	Out-of-the-box
/event/session/telco/gprs/subsession	Out-of-the-box
/event/activity/content	Out-of-the-box
/event/delayed/session/telco/sms	Custom

Table 4-4   RUMs

RUM	isSeedData Flag
Uplink	TRUE
Duration	TRUE
Fold	TRUE
Occurrence	TRUE
Size	TRUE
Amount	TRUE
Volume	TRUE
Messages	TRUE
DownLink	TRUE
PASSTHRU	TRUE

Table 4-5   BalanceElement

BalanceElement	isSeedData Flag
Australian Dollar	TRUE
Austrian Schilling	TRUE
Belgian Franc	TRUE
Canadian Dollar	TRUE
Finnish Markka	TRUE
French Franc	TRUE
Deutsche Mark	TRUE
Greek Drachma	TRUE
Irish Pound	TRUE
Italian Lira	TRUE
Japanese Yen	TRUE
Luxembourg Franc	TRUE
Netherlands Guilder	TRUE
Portuguese Escudo	TRUE
Spanish Peseta	TRUE
Swiss Franc	TRUE
British Pound Sterling	TRUE
US Dollar	TRUE
Euro	TRUE
Free Minutes	TRUE
Frequent Flier Miles	TRUE

Table 4-5   (Cont.) BalanceElement

BalanceElement	isSeedData Flag
Free Game	TRUE
MB Used	TRUE
Free Domestic Minutes	TRUE
Songs Downloaded	TRUE
Loyalty Points	TRUE
Free Seconds	TRUE

Table 4-6   Service Event Map

Service	Event	RUM	RUMExpression
Account	EventBillingProductFeeCycleCycle_forward_monthly	Occurrence	1.0
Account	EventBillingProductFeePurchase	Occurrence	1.0
Account	EventDelayedSessionTelcoGsm	Duration	END_T-START_T
Account	EventBillingProductFeeCycleCycle_forward_arrear	Occurrence	1.0
TelcoGsmTelephony	EventDelayedSessionTelcoGsm	Duration	END_T-START_T
TelcoGsmTelephony	EventDelayedActivityTelco	Occurrence	1.0
TelcoGprs	EventBillingProductFeeCycleCycle_forward_monthly	Occurrence	1.0
TelcoGprs	EventBillingProductFeePurchase	Occurrence	1.0
Content	EventDelayedSessionTelcoGprs	Volume	INPUT_VOLUME + OUTPUT_VOLUME
Broadband	EventBillingProductFeeCycleCycle_forward_monthly	Occurrence	1.0
Broadband	EventBillingProductFeePurchase	Occurrence	1.0
Email	EventActivityTelco	Occurrence	1.0
TelcoGsmSms	xxEventDelayedSessionTelcoSms	Occurrence	1.0
TelcoGsmSms	EventDelayedActivityTelco	Occurrence	1.0
TelcoGsmSms	EventDelayedSessionTelcoGsm	Duration	END_T-START_T
TelcoGsmProximity	EventDelayedSessionTelcoGsm	Duration	END_T-START_T
TelcoGsmProximity	EventDelayedSessionTelcoGsm	Occurrence	1.0
TelcoGsmData	EventDelayedSessionTelcoGprs	Volume	INPUT_VOLUME + OUTPUT_VOLUME
TelcoOTT	EventBillingProductFeeCycleCycle_forward_monthly	NA	NA
DigitalTV	EventBillingProductFeeCycleCycle_forward_monthly	NA	NA
DigitalMusic	EventBillingProductFeeCycleCycle_forward_monthly	NA	NA
TelcoVoIP	EventBillingProductFeeCycleCycle_forward_monthly	NA	NA

About the Product Models

The Reference Solution consists of various product models, which are the artifacts that can be loaded in Launch. It includes sample product catalogs for Broadband, Postpaid Mobile, Home Phone, TV with OTT services, Dual Play, Triple Play, and Quad Play bundles. It also includes reusable or customizable product bundles and offerings that have been defined based on the solution's best practices. These sample product models allow you to immediately create orders and test the features of the solution.

The Reference Solution consists of the following pre-configured product models:

- Broadband
    - Supremo Broadband - Basic
    - Supremo Broadband - Premium
    - Supremo Broadband - Gigabit
- Postpaid mobile
    - Supremo 5G Lite
    - Supremo 5G Premium
    - Supremo 5G Unlimited
- Home phone
    - Supremo Starter Home Phone
    - Supremo Premium Home Phone
- Digital TV services
    - Supremo TV - Basic
    - Supremo TV - Premium
- Dual Play
    - Supremo Mobile and Broadband Packages
    - Supremo Broadband and Home Phone Packages
    - Supremo Broadband and TV Packages
- Triple Play (Mobile - Broadband - TV)
    - Supremo Mobile - Broadband - TV Packages
- Quad Play (Mobile - Broadband - Home phone - TV)
    - Supremo Mobile - Broadband - Phone - TV Basic

The following sections provide more information about the product model hierarchies, product specifications, product offerings, and various rules.

Supremo Broadband Product Models

This section provides information about various Supremo Broadband product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [n,n,n], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each broadband product model.

> **Note:**
>
> The dashes in the **Name** column indicate hierarchy within child components of the product model.

Table 4-7   Supremo Broadband Basic Product Model

Name	Type	Product Spec	FIC	BT
Supremo Broadband Basic	Promotion	NA	NA	NA

Table 4-7   (Cont.) Supremo Broadband Basic Product Model

Name	Type	Product Spec	FIC	BT
- Supremo Broadband Line [1,1,1]	Commercial Bundle Customizable	NA	NA	NA
- - Supremo Broadband Bundle [1,1,1]	Product Customizable	DBE Broadband PS	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service [1,1,1]	Product	DBE Broadband Installation PS	High-Speed Internet Installation Class	Subscription
- - - Supremo Secure Firewall Service [0,1,0]	Product Customizable	DBE Firewall PS	Firewall PS	Subscription
- - - Supremo Broadband Bandwidth Options [1,1,1]	Dynamic Class	DBE Broadband Bandwidth PS	NA	NA
- - - - Supremo Basic Internet Service [1]	Product	DBE Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - - Supremo Premium Internet Service [0]	Product	DBE Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - - Supremo Platinum Internet Service [0]	Product	DBE Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband Discount Options [1,1,1]	Dynamic Class	Pricing Event Class	NA	NA
- - - - Supremo Broadband 5 pct Discount [1]	Product	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Broadband 10 pct Discount [0]	Product	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Broadband 25 pct Discount [0]	Product	Pricing Event Class	Pricing Event Class	Discount
- - Supremo Email Service [0,1,0]	Product	DBE Email Service PS	Email Service PS	Subscription
- - Supremo Internet Modem [1,1,1]	Product	DBE Broadband Modem PS	Broadband Modem PS	Subscription
- - Supremo Router Options [0,1,1]	Dynamic Class	DBE Broadband Router PS	NA	NA
- - - Customer Router [0]	Product	DBE Broadband Router PS	Broadband Router PS	Item
- - - Supremo Link Router [1]	Product	DBE Broadband Router PS	Broadband Router PS	Item
- - - Supremo Connect Router [0]	Product	DBE Broadband Router PS	Broadband Router PS	Item
- Netflix [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)

Table 4-7   (Cont.) Supremo Broadband Basic Product Model

Name	Type	Product Spec	FIC	BT
- Amazon prime [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Hulu [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Disney+ [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)

Table 4-8   Supremo Broadband Premium Product Model

Name	Type	Product Spec	FIC	BT
Supremo Broadband Premium	Promotion Customizable	NA	NA	NA
- Supremo Broadband Line [1,1,1]	Commercial Bundle Customizable	NA	NA	NA
- - Supremo Broadband Bundle [1,1,1]	Product Customizable	Broadband PS	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service [1,1,1]	Product	High-Speed Internet Installation Class	High-Speed Internet Installation Class	Subscription
- - - Supremo Secure Firewall Service [0,1,0]	Product Customizable	Firewall PS	Firewall PS	Subscription
- - - Supremo Broadband Bandwidth Options [1,1,1]	Dynamic Class	Broadband Bandwidth PS	NA	NA
- - - - Supremo Basic Internet Service [0]	Product	Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - - Supremo Premium Internet Service [1]	Product	Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - - Supremo Platinum Internet Service [0]	Product	Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband Discount Options [1,1,1]	Dynamic Class	Pricing Event Class	NA	NA
- - - - Supremo Broadband 5 pct Discount [0]	Broadband	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Broadband 10 pct Discount [1]	Broadband	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Broadband 25 pct Discount [0]	Broadband	Pricing Event Class	Pricing Event Class	Discount
- - Supremo Email Service [0,1,0]	Product	Email Service PS	Email Service PS	Subscription
- - Supremo Internet Modem [1,1,1]	Product	Broadband Modem PS	Broadband Modem PS	Subscription
- - Supremo Router Options [0,1,1]	Dynamic Class	Broadband Router PS	NA	NA
- - - Customer Router [0]	Product	Broadband Router PS	Broadband Router PS	Item

Table 4-8   (Cont.) Supremo Broadband Premium Product Model

Name	Type	Product Spec	FIC	BT
- - - Supremo Link Router [1]	Product	Broadband Router PS	Broadband Router PS	Item
- - - Supremo Connect Router [0]	Product	Broadband Router PS	Broadband Router PS	Item
- Netflix [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Amazon prime [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Hulu [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Disney+ [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)

Table 4-9   Supremo Broadband Gigabit Product Model

Name	Type	Product Spec	FIC	BT
Supremo Broadband Gigabit	Promotion Customizable	NA	NA	NA
- Supremo Broadband Line [1,1,1]	Commercial Bundle Customizable	NA	NA	NA
- - Supremo Broadband Bundle [1,1,1]	Product Customizable	Broadband PS	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service [1,1,1]	Product	High-Speed Internet Installation Class	High-Speed Internet Installation Class	Subscription
- - - Supremo Secure Firewall Service [0,1,0]	Product Customizable	Firewall PS	Firewall PS	Subscription
- - - Supremo Broadband Bandwidth Options [1,1,1]	Dynamic Class	Broadband Bandwidth PS	NA	NA
- - - - Supremo Basic Internet Service [0]	Product	Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - - Supremo Premium Internet Service [0]	Product	Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - - Supremo Platinum Internet Service [1]	Product	Broadband Bandwidth PS	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband Discount Options [1,1,1]	Dynamic Class	Pricing Event Class	NA	NA
- - - - Supremo Broadband 5 pct Discount [0]	Broadband	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Broadband 10 pct Discount [1]	Broadband	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Broadband 25 pct Discount [0]	Broadband	Pricing Event Class	Pricing Event Class	Discount
- - Supremo Email Service [0,1,0]	Product	Email Service PS	Email Service PS	Subscription

Table 4-9   (Cont.) Supremo Broadband Gigabit Product Model

Name	Type	Product Spec	FIC	BT
- - Supremo Internet Modem [1,1,1]	Product	Broadband Modem PS	Broadband Modem PS	Subscription
- - Supremo Router Options [0,1,1]	Dynamic Class	Broadband Router PS	NA	NA
- - - Customer Router [0]	Product	Broadband Router PS	Broadband Router PS	Item
- - - Supremo Link Router [0]	Product	Broadband Router PS	Broadband Router PS	Item
- - - Supremo Connect Router [1]	Product	Broadband Router PS	Broadband Router PS	Item
- Netflix [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Amazon prime [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Hulu [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Disney+ [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)

Supremo Mobile Product Models

This section provides information about various Supremo Mobile product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [*n*,*n*,*n*], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each mobile product model.

Table 4-10   Supremo 5G Lite Mobile Product Model

Name	Type	Product Spec	FIC	BT
Supremo 5G Lite	Promotion	NA	NA	NA
- Wireless Bundle [1,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	NA
- - Wireless Voice Service [1,1,1]	Product Customizable	Voice PS	VoIP PS	Service Bundle
- - - Wireless Voice Access Options [1,1,1]	Dynamic Class	Voice Talktime PS	NA	NA
- - - - 5G Lite Voice Service (Default) [0,1,0]	Product Customizable	Voice Talktime PS	VoIP Offer Charge Class	Subscription
- - - Voice Minutes Usage Discount [1,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Roaming [0,1,0]	Product	Voice Roaming PS	VoIP Offer Charge Class	Subscription
- - Wireless Text Service [1,1,1]	Product Customizable	Text PS	VoIP PS	Service Bundle

Table 4-10   (Cont.) Supremo 5G Lite Mobile Product Model

Name	Type	Product Spec	FIC	BT
- - - 5G Unlimited Text Service [1,1,1]	Product	Text Features PS	VoIP Offer Charge Class	Subscription
- - - Text Roaming [0,1,0]	Product	Text Roaming PS	VoIP Offer Charge Class	Subscription
- - - Text Usage [1,1,1]	Product	Pricing Event Class	VoIP Offer Charge Class	Subscription
- - - Text 3M 50% TBO Discount [1,1,1]	Product Customizable	TBO Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - Wireless Data Service [1,1,1]	Product Customizable	Wireless Data PS	VoIP PS	Service Bundle
- - - Wireless Data Services Options [1,1,1]	Dynamic Class	NA	NA	NA
- - - - 5G Lite Data Service (Default) [0,1,0]	Product	Wireless Data Bandwidth PS	VoIP Offer Charge Class	Subscription
- - - Data Roaming [0,1,0]	Product	Data Roaming PS	VoIP Offer Charge Class	Subscription
- - - Data 15% Monthly Discount [1,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - SIM Card [1,1,1]	Product	SIM Card PS	VoIP Adapter PS	Subscription
- - X-Hot Spot [0,1,1]	Product	Wireless Data CPE PS	VoIP Adapter PS	Subscription
- Amazon Prime [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Netflix [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Hulu [0,1,0]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Disney+ [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Mobile Phones [0,1,1]	Offer Aggregation	Mobile Phones (Product Line)	NA	NA
- - Mustang 11 (Default) [0,1,1]	Product	Wireless Mustang Handset PS	VoIP Phone PS	Subscription
- Sleek Headphone X [0,1,0]	Product	Wireless Accessory PS	VoIP Adapter PS	Item
- Sleek Printed Leather Mustang 11 Case [0,1,0]	Product	Wireless Accessory PS	VoIP Adapter PS	Item

Table 4-11   Supremo 5G Premium Mobile Product Model

Name	Type	Product Spec	FIC	BT
Supremo 5G Premium	Promotion	NA	NA	NA
- Wireless Bundle [1,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	NA

Table 4-11 (Cont.) Supremo 5G Premium Mobile Product Model

Name	Type	Product Spec	FIC	BT
- - Wireless Voice Service [1,1,1]	Product Customizable	Voice PS	VoIP PS	Service Bundle
- - - Wireless Voice Access Options [1,1,1]	Dynamic Class	Voice Talktime PS	NA	NA
- - - - 5G Premium Voice Service (Override) [0,1,0]	Product Customizable	Voice Talktime PS	VoIP Offer Charge Class	Subscription
- - - Voice Minutes Usage Discount [1,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Roaming [0,1,0]	Product	Voice Roaming PS	VoIP Offer Charge Class	Subscription
- - Wireless Text Service [1,1,1]	Product Customizable	Text PS	VoIP PS	Service Bundle
- - - 5G Unlimited Text Service [1,1,1]	Product	Text Features PS	VoIP Offer Charge Class	Subscription
- - - Text Roaming [0,1,0]	Product	Test Roaming PS	VoIP Offer Charge Class	Subscription
- - - Text Usage [1,1,1]	Product	Pricing Event Class	VoIP Offer Charge Class	Subscription
- - - Text 3M 50% TBO Discount [0,1,1]	Product Customizable	TBO Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - Wireless Data Service [1,1,1]	Product Customizable	Wireless Data PS	VoIP PS	Service Bundle
- - - Wireless Data Services Options [1,1,1]	Dynamic Class	NA	NA	NA
- - - - 5G Premium Data Service (Override) [0,1,0]	Product	Wireless Data Bandwidth PS	VoIP Offer Charge Class	Subscription
- - - Data Roaming [0,1,0]	Product	Data Roaming PS	VoIP Offer Charge Class	Subscription
- - - Data 15% Monthly Discount [0,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - SIM Card [1,1,1]	Product	SIM Card PS	VoIP Adapter PS	Subscription
- - X-Hot Spot [0,1,0]	Product	Wireless Data CPE PS	VoIP Adapter PS	Subscription
- Amazon Prime [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription
- Netflix [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription
- Hulu [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription
- Disney+ [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription
- Mobile Phones [0,1,1]	Offer Aggregation	Mobile Phones (Product Line)	NA	NA
- - Vola S10+ (Default) [0,1,1]	Product	Wireless Vola Handset PS	VoIP Phone PS	Subscription
- Bingo Headphone 10 [0,1,0]	Product	Wireless Accessory PS	VoIP Adapter PS	Item
- Bingo Protective Vola S10+ Case [0,1,0]	Product	Wireless Accessory PS	VoIP Adapter PS	Item

Table 4-12　Supremo 5G Unlimited Mobile Product Model

Name	Type	Product Spec	FIC	BT
Supremo 5G Unlimited	Promotion	NA	NA	NA
- Wireless Bundle [1,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	NA
- - Wireless Voice Service [1,1,1]	Product Customizable	Voice PS	VoIP PS	Service Bundle
- - - Wireless Voice Access Options [1,1,1]	Dynamic Class	Voice Talktime PS	NA	NA
- - - - 5G Unlimited Voice Service (Override) [0,1,0]	Product Customizable	Voice Talktime PS	VoIP Offer Charge Class	Subscription
- - - Voice Minutes Usage Discount [1,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Roaming [0,1,0]	Product	Voice Roaming PS	VoIP Offer Charge Class	Subscription
- - Wireless Text Service [1,1,1]	Product Customizable	Text PS	VoIP PS	Service Bundle
- - - 5G Unlimited Text Service [1,1,1]	Product	Text Features PS	VoIP Offer Charge Class	Subscription
- - - Text Roaming [0,1,0]	Product	Test Roaming PS	VoIP Offer Charge Class	Subscription
- - - Text Usage [1,1,1]	Product	Pricing Event Class	VoIP Offer Charge Class	Subscription
- - - Text 3M 50% TBO Discount [0,1,1]	Product Customizable	TBO Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - Wireless Data Service [1,1,1]	Product Customizable	Wireless Data PS	VoIP PS	Service Bundle
- - - Wireless Data Services Options [1,1,1]	Dynamic Class	NA	NA	NA
- - - - 5G Unlimited Data Service (Default) [0,1,0]	Product	Wireless Data Bandwidth PS	VoIP Offer Charge Class	Subscription
- - - Data Roaming [0,1,0]	Product	Data Roaming PS	VoIP Offer Charge Class	Subscription
- - - Data 15% Monthly Discount [0,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - SIM Card [1,1,1]	Product	SIM Card PS	VoIP Adapter PS	Subscription
- - X-Hot Spot [0,1,0]	Product	Wireless Data CPE PS	VoIP Adapter PS	Subscription
- Amazon Prime [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Netflix [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Hulu [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)
- Disney+ [1,1,1]	Product	Digital TV PS	Internet Media PS	Subscription (SSB)

Table 4-12   (Cont.) Supremo 5G Unlimited Mobile Product Model

Name	Type	Product Spec	FIC	BT
- Mobile Phones [0,1,1]	Offer Aggregation	Mobile Phones (Product Line)	NA	NA
- - Mustang 11 Max (Default) [0,1,1]	Product	Wireless Mustang Handset PS	VoIP Phone PS	Subscription
- Bingo Headphone 10 [0,1,0]	Product	Wireless Accessory PS	VoIP Adapter PS	Item
- Sleek Protective Mustang 11 Max Case [0,1,0]	Product	Wireless Accessory PS	VoIP Adapter PS	Item

Supremo Home Phone Product Models

This section provides information about various Supremo Home Phone product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [*n*,*n*,*n*], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each home phone product model.

Table 4-13   Supremo Starter Home Phone Product Model

Name	Type	Product Spec	FIC	BT
Supremo Starter Home Phone	Promotion	NA	NA	NA
- Home Phone Bundle [1,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	NA
- - Home Phone Service [1,1,1]	Product Customizable	VoIP PS	VoIP Service Feature Billing Validation Class	Service Bundle
- - - Home Phone Options [1,1,1]	Dynamic Class	NA	NA	NA
- - - - Basic Home Phone (Default) [0,1,0]	Product	VoIP PS	VoIP PS	Subscription
- - - Voice Features [0,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	Subscription
- - - - Caller ID [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - - Call Forward [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - - Call Conferencing [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - - 3-Way Calling [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - Voice Mail [0,1,1]	Product	VoIP Voicemail PS	VoIP Voicemail PS	Subscription (SSB)
- - - Visual Voice Mail [0,1,1]	Product	VoIP Visual Voicemail PS	VoIP Visual Voicemail PS	Subscription (SSB)
- - - Web Conferencing [0,1,1]	Product	Web Conferencing PS	Web Conferencing PS	Subscription (SSB)

Table 4-13   (Cont.) Supremo Starter Home Phone Product Model

Name	Type	Product Spec	FIC	BT
- - Fax Service [0,1,1]	Product	VoIP Fax Service PS	VoIP Fax Service PS	Subscription (SSB)
- - Phone Equipment [0,1,1]	Product	VoIP Phone PS	VoIP Phone PS	Subscription
- - Phone Adapter [0,1,0]	Product	VoIP Adapter PS	VoIP Adapter PS	Item
- - Soft Phone [0,1,0]	Product	VoIP Soft Phone PS	VoIP Soft Phone PS	Item

Table 4-14   Supremo Premium Home Phone Product Model

Name	Type	Product Spec	FIC	BT
Supremo Premium Home Phone	Promotion	NA	NA	NA
- Home Phone Bundle [1,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	NA
- - Home Phone Service [1,1,1]	Product Customizable	VoIP PS	VoIP Service Feature Billing Validation Class	Service Bundle
- - - Home Phone Options [1,1,1]	Dynamic Class	NA	NA	NA
- - - - Premium Home Phone Bundle (Override Default) [0,1,0]	Commercial Bundle Customizable	VoIP PS	NA	NA
- - - - Premium Home Phone [1,1,1]	Product	VoIP PS	VoIP PS	Subscription
- - - - Premium Home Phone 5USD Monthly Discount [1,1,1]	Product	Offer Discount PS	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Features [0,1,1]	Commercial Bundle Customizable	Bundled Offering PS	NA	Subscription
- - - - Caller ID [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - - Call Forward [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - - Call Conferencing [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - - 3-Way Calling [0,1,1]	Product	Value Added Features PS	Value Added Features PS	Subscription
- - - Voice Mail [0,1,1]	Product	VoIP Voicemail PS	VoIP Voicemail PS	Subscription (SSB)
- - - Visual Voice Mail [0,1,1]	Product	VoIP Visual Voicemail PS	VoIP Visual Voicemail PS	Subscription (SSB)
- - - Web Conferencing [0,1,1]	Product	Web Conferencing PS	Web Conferencing PS	Subscription (SSB)
- - Fax Service [0,1,1]	Product	VoIP Fax Service PS	VoIP Fax Service PS	Subscription (SSB)
- - Phone Equipment [0,1,1]	Product	VoIP Phone PS	VoIP Phone PS	Subscription

Table 4-14   (Cont.) Supremo Premium Home Phone Product Model

Name	Type	Product Spec	FIC	BT
- - Phone Adapter [0,1,0]	Product	VoIP Adapter PS	VoIP Adapter PS	Item
- - Soft Phone [0,1,0]	Product	VoIP Soft Phone PS	VoIP Soft Phone PS	Item

Supremo TV Product Models

This section provides information about various Supremo TV product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [*n,n,n*], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each TV product model.

Table 4-15   Supremo TV Basic Product Model

Name	Type	Product Spec	FIC	BT
Supremo TV - Basic	Promotion Customizable	NA	NA	NA
- Supremo TV Line [1,1,1]	Commercial Bundle Customizable	NA	NA	NA
- - Supremo Digital Music Pack [0,1,0]	Product	Digital TV Music PS	Internet Media PS	Subscription
- - Supremo TV Bundle [1,1,1]	Product Customizable	Pricing Event Class	Pricing Event Class	Service Bundle
- - - Supremo TV Set Top Box [1,1,1]	Product	Digital TV STB PS	Pricing Event Class	Subscription
- - - Supremo TV Base Pack Options [1,1,1]	Dynamic Class	Digital TV PS	NA	NA
- - - - Supremo TV Pack - SD [1]	Product	Digital TV PS	Internet Media PS	Subscription
- - - - Supremo TV Pack - HD [0]	Product	Digital TV PS	Internet Media PS	Subscription
- - - Supremo TV Local Channels [0,1,0]	Product	Digital TV Local PS	Internet Media PS	Subscription
- - - Supremo TV Sports Options [0,1,0]	Dynamic Class	Digital TV Bundle PS	NA	NA
- - - - Supremo Sports 25pct Disc Bundle [1]	Commercial Bundle Customizable	Digital TV Bundle PS	NA	NA
- - - - - Supremo TV Sports Channels [1,1,1]	Product	Digital TV Sports PS	Internet Media PS	Subscription
- - - - - Supremo TV Sports 25pct Disc [1,1,1]	Product	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Sports 35pct Disc Bundle [0]	Commercial Bundle Customizable	Digital TV Bundle PS	NA	NA
- - - - - Supremo TV Sports Channels [1,1,1]	Product	Digital TV Sports PS	Internet Media PS	Subscription

Table 4-15   (Cont.) Supremo TV Basic Product Model

Name	Type	Product Spec	FIC	BT
- - - - - Supremo TV Sports 35pct Disc [1,1,1]	Product	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Sports 50pct Disc Bundle [0]	Commercial Bundle Customizable	Digital TV Bundle PS	NA	NA
- - - - - Supremo TV Sports Channels [1,1,1]	Product	Digital TV Sports PS	Internet Media PS	Subscription
- - - - - Supremo TV Sports 50pct Disc [1,1,1]	Product	Pricing Event Class	Pricing Event Class	Discount

Table 4-16   Supremo TV Premium Product Model

Name	Type	Product Spec	FIC	BT
Supremo TV - Premium	Promotion Customizable	NA	NA	NA
- Supremo TV Line [1,1,1]	Commercial Bundle Customizable	NA	NA	NA
- - Supremo Digital Music Pack [0,1,0]	Product	Digital TV Music PS	Internet Media PS	Subscription
- - Supremo TV Bundle [1,1,1]	Product Customizable	Pricing Event Class	Pricing Event Class	Service Bundle
- - - Supremo TV Set Top Box [1,1,1]	Product	Digital TV STB PS	Pricing Event Class	Subscription
- - - Supremo TV Base Pack Options [1,1,1]	Dynamic Class	Digital TV PS	NA	NA
- - - - Supremo TV Pack - SD [0]	Product	Digital TV PS	Internet Media PS	Subscription
- - - - Supremo TV Pack - HD [1]	Product	Digital TV PS	Internet Media PS	Subscription
- - - Supremo TV Local Channels [0,1,0]	Product	Digital TV Local PS	Internet Media PS	Subscription
- - - Supremo TV Sports Options [0,1,0]	Dynamic Class	Digital TV Bundle PS	NA	NA
- - - - Supremo Sports 25pct Disc Bundle [0]	Commercial Bundle Customizable	Digital TV Bundle PS	NA	NA
- - - - - Supremo TV Sports Channels [1,1,1]	Product	Digital TV Sports PS	Internet Media PS	Subscription
- - - - - Supremo TV Sports 25pct Disc [1,1,1]	Product	Pricing Event Class	Pricing Event Class	Discount
- - - - Supremo Sports 35pct Disc Bundle [1]	Commercial Bundle Customizable	Digital TV Bundle PS	NA	NA
- - - - - Supremo TV Sports Channels [1,1,1]	Product	Digital TV Sports PS	Internet Media PS	Subscription
- - - - - Supremo TV Sports 35pct Disc [1,1,1]	Product	Pricing Event Class	Pricing Event Class	Discount

Table 4-16 (Cont.) Supremo TV Premium Product Model

Name	Type	Product Spec	FIC	BT
- - - - Supremo Sports 50pct Disc Bundle [0]	Commercial Bundle Customizable	Digital TV Bundle PS	NA	NA
- - - - - Supremo TV Sports Channels [1,1,1]	Product	Digital TV Sports PS	Internet Media PS	Subscription
- - - - - Supremo TV Sports 50pct Disc [1,1,1]	Product	Pricing Event Class	Pricing Event Class	Discount

Dual Play Product Models

This section provides information about various Dual Play product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [n,n,n], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each dual play product model.

Table 4-17 Supremo Mobile and Broadband Product Model

Name	Type	Product Spec	FIC	BT
Supremo Mobile and Broadband Lite	Promotion	NA	NA	NA
- Wireless Bundle	Commercial Bundle	NA	NA	NA
- - Wireless Voice Service	Product	NA	VoIP PS	Service Bundle
- - - 5G Lite Voice Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Voice Minutes Usage Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Roaming	Product	NA	VoIP Offer Charge Class	Subscription
- - Wireless Text Service	Product	NA	VoIP PS	Service Bundle
- - - 5G Unlimited Text Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text Usage	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text Roaming	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text 3M 50% TBO Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - Wireless Data Service	Product	NA	VoIP PS	Subscription
- - - 5G Lite Data Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Data Roaming	Product	NA	VoIP Offer Charge Class	Subscription

Table 4-17   (Cont.) Supremo Mobile and Broadband Product Model

Name	Type	Product Spec	FIC	BT
- - - Data 15% Monthly Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - SIM Card	Product	NA	VoIP PS	Subscription
- - X-Hot Spot	Product	NA	VoIP Adapter PS	Subscription
- Supremo Broadband Line	Commercial Bundle	NA	NA	NA
- - Supremo Broadband Bundle	Product	NA	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service	Product	NA	High-Speed Internet Installation Class	Subscription
- - - Supremo Basic Internet Service	Product	NA	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband 5 pct Discount	Product	NA	Pricing Event Class	Discount
- - - Supremo Secure Firewall Service	Product	NA	Firewall PS	Subscription
- - Supremo Internet Modem	Product	NA	Broadband Modem PS	Subscription
- - Supremo Email Service	Product	NA	Email Service PS	Subscription
- - Supremo Link Router	Product	NA	Broadband Router PS	Item
- Amazon Prime	Product	NA	Internet Media PS	Subscription
- Netflix	Product	NA	Internet Media PS	Subscription
- Hulu	Product	NA	Internet Media PS	Subscription
- Disney+	Product	NA	Internet Media PS	Subscription
- Mustang 11	Product	NA	VoIP Phone PS	Subscription
- Sleek Headphone X	Product	NA	VoIP Adapter PS	Item
- Sleek Printed Leather Mustang 11 Case	Product	NA	VoIP Adapter PS	Item

Table 4-18   Supremo Broadband and Home Phone Product Model

Name	Type	Product Spec	FIC	BT
Supremo Broadband and Phone Basic	Promotion	NA	NA	NA
- Supremo Broadband Line	Commercial Bundle	NA	NA	NA
- - Supremo Broadband Bundle	Product	NA	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service	Product	NA	High-Speed Internet Installation Class	Subscription
- - - Supremo Basic Internet Service	Product	NA	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband 5 pct Discount	Product	NA	Pricing Event Class	Discount
- - - Supremo Secure Firewall Service	Product	NA	Firewall PS	Subscription
- - Supremo Internet Modem	Product	NA	Broadband Modem PS	Subscription
- - Supremo Email Service	Product	NA	Email Service PS	Subscription

Table 4-18   (Cont.) Supremo Broadband and Home Phone Product Model

Name	Type	Product Spec	FIC	BT
- - Supremo Link Router	Product	NA	Broadband Router PS	Item
- Home Phone Bundle	Commercial Bundle	NA	NA	NA
- - Home Phone Service	Product	NA	VoIP PS	Service Bundle
- - - Basic Home Phone	Product	NA	VoIP PS	Subscription
- - - Voice Features	Commercial Bundle	NA	NA	NA
- - - - Caller ID	Product	NA	Value Added Features PS	Subscription
- - - - Call Forward	Product	NA	Value Added Features PS	Subscription
- - - - Call Conferencing	Product	NA	Value Added Features PS	Subscription
- - - - 3-Way Calling	Product	NA	Value Added Features PS	Subscription
- - - Voice Mail	Product	NA	VoIP Voicemail PS	Subscription
- - - Visual Voice Mail	Product	NA	VoIP Visual Voicemail PS	Subscription
- - - Web Conferencing	Product	NA	Web Conferencing PS	NA
- - - Home Phone 3M 100% TBO Discount	Product	NA	VoIP Pricing Event Billing Validation Class	NA
- - Fax Service	Product	NA	VoIP Fax Service PS	NA
- - Phone Equipment	Product	NA	VoIP Phone PS	NA
- - Phone Adapter	Product	NA	VoIP Adapter PS	NA
- - Soft Phone	Product	NA	VoIP Soft Phone PS	NA
- Amazon Prime	Product	NA	Internet Media PS	Subscription
- Netflix	Product	NA	Internet Media PS	Subscription
- Hulu	Product	NA	Internet Media PS	Subscription
- Disney+	Product	NA	Internet Media PS	Subscription

Table 4-19   Supremo Broadband and TV Product Model

Name	Type	Product Spec	FIC	BT
Supremo Broadband and TV Basic	Promotion	NA	NA	NA
- Supremo Broadband Line	Commercial Bundle	NA	NA	NA
- - Supremo Broadband Bundle	Product	NA	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service	Product	NA	High-Speed Internet Installation Class	Subscription
- - - Supremo Basic Internet Service	Product	NA	Broadband Bandwidth PS	Subscription

Table 4-19   (Cont.) Supremo Broadband and TV Product Model

Name	Type	Product Spec	FIC	BT
- - - Supremo Broadband 5 pct Discount	Product	NA	Pricing Event Class	Discount
- - - Supremo Secure Firewall Service	Product	NA	Firewall PS	Subscription
- - Supremo Internet Modem	Product	NA	Broadband Modem PS	Subscription
- - Supremo Email Service	Product	NA	Email Service PS	Subscription
- - Supremo Link Router	Product	NA	Broadband Router PS	Item
- Supremo TV Line	Commercial Bundle	NA	NA	NA
- - Supremo TV Bundle	Product	NA	Pricing Event Class	Service Bundle
- - - Supremo TV Set Top Box	Product	NA	Pricing Event Class	Subscription
- - - Supremo TV Pack - SD	Product	NA	Internet Media PS	Subscription
- - - Supremo TV Local Channels	Product	NA	Internet Media PS	Subscription
- - - Supremo Sports 25pct Disc Bundle	Commercial Bundle	NA	NA	NA
- - - - Supremo TV Sports Channels	Product	NA	Internet Media PS	Subscription
- - - - Supremo TV Sports 25pct Disc	Product	NA	Pricing Event Class	Discount
- - Supremo Digital Music Pack	Product	NA	Internet Media PS	Subscription
- Amazon Prime	Product	NA	Internet Media PS	Subscription
- Netflix	Product	NA	Internet Media PS	Subscription
- Hulu	Product	NA	Internet Media PS	Subscription
- Disney+	Product	NA	Internet Media PS	Subscription

Triple Play Product Models

This section provides information about various Triple Play product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [*n*,*n*,*n*], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each triple play product model.

Table 4-20   Supremo Mobile, Broadband, and TV Product Model

Name	Type	Product Spec	FIC	BT
Supremo 3 Play Basic	Promotion	NA	NA	NA
- Wireless Bundle	Commercial Bundle	NA	NA	NA
- - Wireless Voice Service	Product	NA	VoIP PS	Service Bundle
- - - 5G Lite Voice Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Voice Minutes Usage Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Roaming	Product	NA	VoIP Offer Charge Class	Subscription

Table 4-20   (Cont.) Supremo Mobile, Broadband, and TV Product Model

Name	Type	Product Spec	FIC	BT
- - Wireless Text Service	Product	NA	VoIP PS	Service Bundle
- - - 5G Unlimited Text Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text Usage	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text Roaming	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text 3M 50% TBO Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - Wireless Data Service	Product	NA	VoIP PS	Subscription
- - - 5G Lite Data Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Data Roaming	Product	NA	VoIP Offer Charge Class	Subscription
- - - Data 15% Monthly Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - SIM Card	Product	NA	VoIP PS	Subscription
- - X-Hot Spot	Product	NA	VoIP Adapter PS	Subscription
- Supremo Broadband Line	Commercial Bundle	NA	NA	NA
- - Supremo Broadband Bundle	Product	NA	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service	Product	NA	High-Speed Internet Installation Class	Subscription
- - - Supremo Basic Internet Service	Product	NA	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband 5 pct Discount	Product	NA	Pricing Event Class	Discount
- - - Supremo Secure Firewall Service	Product	NA	Firewall PS	Subscription
- - Supremo Internet Modem	Product	NA	Broadband Modem PS	Subscription
- - Supremo Email Service	Product	NA	Email Service PS	Subscription
- - Supremo Link Router	Product	NA	Broadband Router PS	Item
- Supremo TV Line	Commercial Bundle	NA	NA	NA
- - Supremo TV Bundle	Product	NA	Pricing Event Class	Service Bundle
- - - Supremo Set Top Box	Product	NA	Pricing Event Class	Subscription
- - - Supremo TV Pack - SD	Product	NA	Internet Media PS	Subscription
- - - Supremo TV Local Channels	Product	NA	Internet Media PS	Subscription
- - - Supremo Sports 25pct Disc Bundle	Commercial Bundle	NA	NA	NA
- - - - Supremo TV Sports Channels	Product	NA	Internet Media PS	Subscription
- - - - Supremo TV Sports 25pct Disc	Product	NA	Pricing Event Class	Discount

Table 4-20   (Cont.) Supremo Mobile, Broadband, and TV Product Model

Name	Type	Product Spec	FIC	BT
- - Supremo Digital Music Pack	Product	NA	Internet Media PS	Subscription
- Amazon Prime	Product	NA	Internet Media PS	Subscription
- Netflix	Product	NA	Internet Media PS	Subscription
- Hulu	Product	NA	Internet Media PS	Subscription
- Disney+	Product	NA	Internet Media PS	Subscription
- Mustang 11	Product	NA	VoIP Phone PS	Subscription
- Sleek Headphone X	Product	NA	VoIP Adapter PS	Item
- Sleek Printed Leather Mustang 11 Case	Product	NA	VoIP Adapter PS	Item

Quad Play Product Models

This section provides information about various Quad Play product models and various attributes available in each product model. The tables below provide information, such as name, cardinality [*n*,*n*,*n*], type, product specification (Product Spec), Fulfillment Item Code (FIC), and billing type (BT) of each quad play product model.

Table 4-21   Supremo Mobile, Broadband, Home Phone and TV Product Model

Name	Type	Product Spec	FIC	BT
Supremo Connect Basic	Promotion	NA	NA	NA
- Wireless Bundle	Commercial Bundle	NA	NA	NA
- - Wireless Voice Service	Product	NA	VoIP PS	Service Bundle
- - - 5G Lite Voice Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Voice Minutes Usage Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - - Voice Roaming	Product	NA	VoIP Offer Charge Class	Subscription
- - Wireless Text Service	Product	NA	VoIP PS	Service Bundle
- - - 5G Unlimited Text Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text Usage	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text Roaming	Product	NA	VoIP Offer Charge Class	Subscription
- - - Text 3M 50% TBO Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - Wireless Data Service	Product	NA	VoIP PS	Subscription
- - - 5G Lite Data Service	Product	NA	VoIP Offer Charge Class	Subscription
- - - Data Roaming	Product	NA	VoIP Offer Charge Class	Subscription

Table 4-21   (Cont.) Supremo Mobile, Broadband, Home Phone and TV Product Model

Name	Type	Product Spec	FIC	BT
- - - Data 15% Monthly Discount	Product	NA	VoIP Pricing Event Billing Validation Class	Discount
- - SIM Card	Product	NA	VoIP PS	Subscription
- - X-Hot Spot	Product	NA	VoIP Adapter PS	Subscription
- Supremo Broadband Line	Commercial Bundle	NA	NA	NA
- - Supremo Broadband Bundle	Product	NA	Broadband PS	Service Bundle
- - - Supremo Broadband Installation Service	Product	NA	High-Speed Internet Installation Class	Subscription
- - - Supremo Basic Internet Service	Product	NA	Broadband Bandwidth PS	Subscription
- - - Supremo Broadband 5 pct Discount	Product	NA	Pricing Event Class	Discount
- - - Supremo Secure Firewall Service	Product	NA	Firewall PS	Subscription
- - Supremo Internet Modem	Product	NA	Broadband Modem PS	Subscription
- - Supremo Email Service	Product	NA	Email Service PS	Subscription
- - Supremo Link Router	Product	NA	Broadband Router PS	Item
- Home Phone Bundle	Commercial Bundle	NA	NA	NA
- - Home Phone Service	Product	NA	VoIP PS	Service Bundle
- - - Basic Home Phone	Product	NA	VoIP PS	Subscription
- - - Voice Features	Commercial Bundle	NA	NA	NA
- - - - Caller ID	Product	NA	Value Added Features PS	Subscription
- - - - Call Forward	Product	NA	Value Added Features PS	Subscription
- - - - Call Conferencing	Product	NA	Value Added Features PS	Subscription
- - - - 3-Way Calling	Product	NA	Value Added Features PS	Subscription
- - - Voice Mail	Product	NA	VoIP Voicemail PS	Subscription
- - - Visual Voice Mail	Product	NA	VoIP Visual Voicemail PS	Subscription
- - - Web Conferencing	Product	NA	Web Conferencing PS	NA
- - - Smart Calling up to 3 Numbers	Product	NA	VoIP Adaptor PS	NA
- - - Home Phone 3M 100% TBO Discount	Product	NA	VoIP Pricing Event Billing Validation Class	NA
- - Fax Service	Product	NA	VoIP Fax Service PS	NA
- - Phone Equipment	Product	NA	VoIP Phone PS	NA
- - Phone Adapter	Product	NA	VoIP Adapter PS	NA

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Table 4-21   (Cont.) Supremo Mobile, Broadband, Home Phone and TV Product Model

Name	Type	Product Spec	FIC	BT
- - Soft Phone	Product	NA	VoIP Soft Phone PS	NA
- Supremo TV Line	Commercial Bundle	NA	NA	NA
- - Supremo TV Bundle	Product	NA	Pricing Event Class	Service Bundle
- - - Supremo TV Set Top Box	Product	NA	Pricing Event Class	Subscription
- - - Supremo TV Pack - SD	Product	NA	Internet Media PS	Subscription
- - - Supremo TV Local Channels	Product	NA	Internet Media PS	Subscription
- - - Supremo Sports 25pct Disc Bundle	Commercial Bundle	NA	NA	NA
- - - - Supremo TV Sports Channels	Product	NA	Internet Media PS	Subscription
- - - - Supremo TV Sports 25pct Disc	Product	NA	Pricing Event Class	Discount
- - Supremo Digital Music Pack	Product	NA	Internet Media PS	Subscription
- Amazon Prime	Product	NA	Internet Media PS	Subscription
- Netflix	Product	NA	Internet Media PS	Subscription
- Hulu	Product	NA	Internet Media PS	Subscription
- Disney+	Product	NA	Internet Media PS	Subscription
- Mustang 11	Product	NA	VoIP Phone PS	Subscription
- Sleek Headphone X	Product	NA	VoIP Adapter PS	Item
- Sleek Printed Leather Mustang 11 Case	Product	NA	VoIP Adapter PS	Item

About Product Specifications

This section provides information about the list of product specifications available for product models.

The following tables provide details, such as product attributes, child product specification, data type, units of measure (UoM), required (Yes or No), list of values (LoV), and default values of each product specification (PS).

Table 4-22   Broadband PS

Attributes	Data Type	UoM	Required	LoV	Default Value
AAA Account	String	NA	Yes	NA	NA

Table 4-23   Broadband Bandwidth PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Download Speed	String	NA	Yes	50Mbps, 75Mbps, 150Mbps, 2450Mbps	50Mbps
Upload Speed	String	NA	Yes	30Mbps,50Mbps,75Mbps	50Mbps

Table 4-23   (Cont.) Broadband Bandwidth PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Access Technology	String	NA	Yes	Default, DSL, Cable, Fiber, VDSL	Fiber
IP Address Type	String	NA	Yes	StaticIPv4, Dynamic	Dynamic
Number of Static IP Address	Number	NA	Yes	1,2, 3, 4, 5, 0	0
IsIPV6	String	NA	Yes	Y, N, N/A	N
IP Address	String	NA	No	NA	NA

Table 4-24   Firewall PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Security Level	String	NA	Yes	NA	NA

Table 4-25   Email Service PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Email Storage	String	NA	Yes	2Gb, 5Gb, 10Gb	2Gb
Max Number of Accounts	Number	NA	Yes	1, 5, 10	1
Username	String	NA	NA	NA	NA
Password	String	NA	NA	NA	NA

Table 4-26   Broadband Router PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Brand	String	NA	No	NA	NA
Model	String	NA	No	NA	NA
MAC Address	String	NA	No	NA	NA

Table 4-27   Broadband Modem PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Brand	String	NA	No	NA	NA
Model	String	NA	No	NA	NA
MAC Address	String	NA	No	NA	NA

Table 4-28   SIM Card PS

Attributes	Data Type	UoM	Required	LoV	Default Value
ICCID	String	NA	No	NA	NA
IMSI	String	NA	No	NA	NA

Table 4-28   (Cont.) SIM Card PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Phone Number	String	NA	No	NA	NA
Phone Number Type	String (LOV)	NA	Yes	[Reserved, PortIn, Temp, PortOut]	Reserved
IMEI	String	NA	No	NA	NA
PortIn	String (LOV)	NA	Yes	[Y, N]	N
Authorization Code	String	NA	No	NA	NA

Table 4-29   Voice PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Incoming Talktime	Number (LOV)	Minutes	Yes	[500, 1000, 1500, 2000, 999999999]	999999999
National Voice Roaming	String (LOV)	NA	Yes	[Y, N]	Y
International Voice Roaming	String (LOV)	NA	Yes	[Y, N]	N
Call Waiting	String (LOV)	NA	Yes	[Y, N]	Y
Voice Mail	String (LOV)	NA	Yes	[Y, N]	Y
Visual Voice Mail	String (LOV)	NA	Yes	[Y, N]	Y
Call Forwarding	String (LOV)	NA	Yes	[Y, N]	Y
Technology	String (LOV)	NA	Yes	[5G, 5G LTE, 4G , 4G LTE]	5G

Table 4-30   Voice Talktime PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Outgoing Talktime	Number (LOV)	Minutes	Yes	[500, 1000, 1500, 2000, 3000, 999999999]	1000

Table 4-31   Voice Roaming PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Roaming Area	String (LOV)	NA	No	[All, US and Canada, Europe, Schengen Area, Middle East, Asia, Australia and New Zealand, National, International]	All

Table 4-31   (Cont.) Voice Roaming PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Roaming Duration	Number (LOV)	Weeks	Yes	[1, 4, 12, 24]	4
Incoming Talktime	Number (LOV)	Minutes	Yes	[500, 1000, 2000, 5000]	1000
Outgoing Talktime	Number (LOV)	Minutes	Yes	[500, 1000, 2000, 5000]	1000

Table 4-32   Text PS

Attributes	Data Type	UoM	Required	LoV	Default Value
National Text Roaming	String (LOV)	NA	Yes	[Y, N]	Y
International Text Roaming	String (LOV)	NA	Yes	[Y, N]	N
Incoming Text	Number (LOV)	NA	Yes	[500, 1000, 2000, 5000, 999999999]	999999999

Table 4-33   Text Features PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Outgoing Text	Number (LOV)	NA	Yes	[500, 1000, 2000, 5000, 999999999]	999999999

Table 4-34   Text Roaming PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Roaming Area	String (LOV)	NA	Yes	[All, US and Canada, Europe, Schengen Area, Middle East, Asia, Australia and New Zealand, National, International]	All
Incoming Texts	Number (LOV)	NA	Yes	[500, 1000, 2000, 5000]	1000
Outgoing Texts	Number (LOV)	NA	Yes	[500, 1000, 2000, 5000]	1000

Table 4-35   Wireless Data PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Max Speed	String (LOV)	NA	No	[3G, 4G, 5G]	5G
Post Quota	String (LOV)	NA	Yes	[3G, 4G, 5G]	3G
National Data Roaming	String (LOV)	NA	Yes	[Y, N]	Y
International Data Roaming	String (LOV)	NA	Yes	[Y, N]	N
APN Name	String	NA	No	NA	internet.com
Username	String	NA	No	NA	wapuser
Password	String	NA	No	NA	customer
Proxy	String	NA	No	NA	202.139.83.152
Port	String	NA	No	NA	8070
Server	String	NA	No	NA	`http://mmsc.oracle.com`
MCC	String	NA	No	NA	505
MNC	String	NA	No	NA	2

Table 4-36   Wireless Data Bandwidth PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Monthly Quota	Number (LOV)	GB	Yes	[6, 10, 20, 50]	10

Table 4-37   Data Roaming PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Roaming Area	String (LOV)	NA	Yes	All, US and Canada, Europe, Schengen Area, Middle East, Asia, Australia and New Zealand, National, International	All
Quota	Number (LOV)	GB	Yes	[1, 5, 10]	1
Maximum Speed	String (LOV)	NA	Yes	[3G, 4G, 5G]	5G

Table 4-38   Wireless Data CPE PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Type	String	NA	Yes	NA	NA
IMEI	String	NA	No	NA	NA
Brand	String (LOV)	NA	Yes	[MiFi, HTC]	NA

Table 4-38   (Cont.) Wireless Data CPE PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Model	String (LOV)	NA	Yes	[MiFi - 8000 Mobile Hotspot, HTC - 5G Hub]	Hotspot

Table 4-39   Digital TV PS

Attributes	Data Type	UoM	Required	LoV	Default Value
QoS	String (LOV)	NA	Yes	[480P, 1080P, 4k HD]	480P
Channel	String (LOV)	NA	Yes	[HBO, Cinemax, Showtime, Epix, StarZ, HBO Max, The Movie Channel, NHL, NBA TV, Golf, NFL Network Football, MLB Baseball, Willow HD, TV Asia HD, Zee TV HD, ESPN+, ErosNow, Latino Package, Kids Zone, La Liga Premier, HD TV Channels, Amazon Prime, Apple Music, Disney+, Hulu, Netflix, Zoom]	Amazon Prime
Type	String (LOV)	NA	Yes	[Basic, Premium, Max]	Basic

Table 4-40   Wireless Handset PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Handset Brand	String	NA	Yes	[Mustang, Vola]	NA
IMEI	String	NA	Yes	NA	NA
Supported Third-Party Apps	String (LOV)	NA	Yes	[Y, N]	N

Table 4-41   Wireless Mustang Handset PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Mustang Model	String (LOV)	NA	Yes	[Mustang 11, Mustang 11 Max, Mustang 11 Pro, Mustang XT]	Mustang 11

Table 4-42   Wireless Vola Handset PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Vola Model	String (LOV)	NA	Yes	[Vola S10, Vola S10 5G, Vola S10+, Vola S10e]	Vola S10

Table 4-43   Wireless Accessory PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Accessory Brand	String (LOV)	NA	Yes	[Sleek, Bingo]	NA
Accessory Type	String (LOV)	NA	Yes	[Case, Headphone]	NA
Accessory Model	String (LOV)	NA	Yes	[Sleek Printed Leather Mustang 11, Sleek Protective Mustang 11 Max, Sleek Headphone X, Bingo Headphone 10, Bingo Printed Leather Vola S10, Bingo Protective Vola S10+]	NA

Table 4-44   Allowance Sharing PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Community Member	String (LOV)	NA	Yes	[Y, N]	N
Service Grouping	String (LOV)	NA	Yes	[Y, N]	Y
Technology	String (LOV)	NA	Yes	[5G, 5G LTE, 4G, 4G LTE]	5G

Table 4-45   Offer Discount PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Community Offer	String (LOV)	NA	Yes	[Y, N]	N

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Table 4-46   TBO Discount PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Duration	Number /Integer	NA	Yes	NA	1
DurationUnitOfMeasure	String (LOV)	NA	Yes	[None, Seconds, Minutes, Hours, Days, Months]	Days
DurationValidityStart	String (LOV)	NA	Yes	[Original Start, Now, Original End]	Now

Table 4-47   VoIP PS

Attributes	Data Type	UoM	Required	LoV	Default Value
TN	Number	NA	No	NA	NA
TN Type	String (LOV)	NA	Yes	[Reserved, PortIn, Temp, PortOut]	Reserved
Authorization Code	String	NA	No	NA	NA
QoS	String (LOV)	NA	No	[Basic, Premium]	Basic
Call Waiting	String (LOV)	NA	Yes	[Y, N, N/A]	Y

Table 4-48   Value Added Features PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Call Conferencing	String (LOV)	NA	Yes	[Y, N, N/A]	N/A
3-Way Calling	String (LOV)	NA	Yes	[Y, N, N/A]	N/A
Caller ID	String (LOV)	NA	Yes	[Y, N, N/A]	N/A
Call Forwarding	String (LOV)	NA	Yes	[Y, N, N/A]	N/A

Table 4-49   VoIP Voicemail PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Voice Mail	String (LOV)	NA	Yes	[Y, N, N/A]	N/A

Table 4-50   VoIP Visual Voicemail PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Visual Voice Mail	String (LOV)	NA	Yes	[Y, N, N/A]	N/A

Table 4-51   Web Conferencing PS

Attributes	Data Type	UoM	Required	LoV	Default Value
Maximum Number of Accounts	Number (LOV)	NA	Yes	[1, 5, 10]	5
Admin Account	String	NA	No	NA	NA

Table 4-52   VoIP Adapter PS

Attributes	Data Type	UoM	Required	LoV	Default Value
MAC Address	String	NA	No	NA	NA
Brand	String (LOV)	NA	Yes	[Cisco, Linksys]	NA
Model	String (LOV)	NA	Yes	[Cisco- SPA2102 , Linksys - SPA2100]	NA

Table 4-53   VoIP Phone PS

Attributes	Data Type	UoM	Required	LoV	Default Value
MAC Address	String	NA	No	NA	NA
Brand	String (LOV)	NA	Yes	[Cisco, Grandstream]	NA
Model	String (LOV)	NA	Yes	[7940, GXP2200]	NA

In addition to the above product specifications, the following product specifications are also available for product models, but without any product attributes:

- Broadband Offer Charge Class

- High-Speed Internet Installation Class

- Bundled Offering PS

- VoIP PS

  – Child Product Specifications: Voice PS, Text PS, and Wireless Data PS

- VoIP Offer Charge Class

  – Child Product Specifications: Voice Talktime PS, Voice Roaming PS, Text Features PS, Text Roaming PS, Wireless Data Bandwidth PS, and Data Roaming PS

- VoIP Pricing Event Billing Validation Class

  – Child Product Specifications: Offer Discount PS and TBO Discount PS

- Pricing Event Class

- VoIP Adapter PS

  – Child Product Specifications: SIM Card PS, Wireless Data CPE PS, and Wireless Accessory PS

- VoIP Phone PS

  – Child Product Specifications: Wireless Mustang Handset PS and Wireless Vola Handset PS

- Internet Media PS

  – Child Product Specifications: Digital TV PS

- VoIP Fax Service PS

- Special Rating PS

- VoIP Soft Phone PS

- VoIP Service Feature Billing Validation Class

- – Child Product Specifications: VoIP PS
- Digital TV Installation PS
- Digital TV STB PS
- Digital TV Music PS

About Product Offerings

This section provides details about various product offerings available for product models.

The following are various product offerings available in the Digital Business Experience solution:

- Simple product offering
- Bundled product offering
- Discount product offering
- Device and accessory-based product offering

The following sections provide details about various offers and offer types available in each product offering and other components of the product offerings.

Simple Product Offering

The below table provides details about various type of simple product offerings available for product models. It also provides details, such as offer type, product specification, product specification character override, fulfillment item code (FIC), billing type (BT), billing service type (BST), track as asset (Y/N), service instance (SI), and charges/discounts.

The following are the properties of the simple product offering:

Orderable = **Y**; Pricing Commit Type = **Dynamic**; Dynamic Discount Method = **Percentage**; Billing Flag = **Y**

Table 4-54   Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Broadband Installation Service	Service	DBE Broadband Installation PS	NA	High-Speed Internet Installation Class	Subscription	/service/ broadband	One-Time: . $19.99 . /event/billing/ product/fee/ purchase	Y	N

Table 4-54   (Cont.) Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Secure Firewall Service	Service	DBE Firewall PS	NA	Firewall PS	Subscription	/service/ broadband	Recurring: . $2.99 per Month . /event/billing/ product/fee/ cycle/ cfm_firewall One-Time: . $6.00 . /event/billing/ product/fee/ purchase	Y	N
Supremo Basic Internet Service	Service	DBE Broadband Bandwidth PS	Download Speed - 50Mbps Upload Speed - 50 Mbps	Broadband Bandwidth PS	Subscription	/service/ broadband	Recurring: . $12.99 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo Premium Internet Service	Service	DBE Broadband Bandwidth PS	Download Speed - 150Mbps Upload Speed - 75 Mbps	Broadband Bandwidth PS	Subscription	/service/ broadband	Recurring: . $16.99 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo Platinum Internet Service	Service	DBE Broadband Bandwidth PS	Download Speed - 2048 Mbps Upload Speed - 75 Mbps	Broadband Bandwidth PS	Subscription	/service/ broadband	Recurring: . $24.99 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo Email Service	Service	DBE Email Service PS	NA	Email Service PS	Subscription	/service/ email	Recurring: . $4.99 per Month . /event/activity/ telco	Y	Y

Table 4-54   (Cont.) Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
5G Lite Voice Service	Product, Customizable	Voice Talktime PS	NA	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ telephony	MCF (Debit) (Recurring) **.** $10.00 MCF (Credit) **.** 1000 Free Minutes Purchase Fee (One-Time) **.** $15.00 Usage (Delayed Telco Session) **.** $1.00 per Minute	Y	NA
5G Premium Voice Service	Product, Customizable	Voice Talktime PS	Outgoing Talktime = 2000	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ telephony	MCF (Debit) (Recurring) **.** $15.00 MCF (Credit) **.** 2000 Free Minutes Purchase Fee (One-Time) **.** $15.00 Usage (Delayed Telco Session) **.** $1.00 per Minute	Y	NA
5G Unlimited Voice Service	Product, Customizable	Voice Talktime PS	Outgoing Talktime = 999999999	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ telephony	MCF (Debit) (Recurring) **.** $20.00 MCF (Credit) **.** 999999999 Free Minutes Purchase Fee (One-Time) **.** $15.00 Usage (Delayed Telco Session) **.** $0 per Minute	Y	NA

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Table 4-54   (Cont.) Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Voice Roaming	Product	Voice Roaming PS	NA	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ telephony	MCF (Debit) (Recurring) . $5.00 Usage (Delayed Telco Session) . $2 per Minute	Y	NA
5G Unlimited Text Service	Product	Text Features PS	NA	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/s ms	MCF (Debit) (Recurring) . $10.00	Y	NA
Text Roaming	Product	Test Roaming PS	NA	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/s ms	MCF (Debit) (Recurring) . $5.00 Usage (Delayed Telco Session) . $2.00 per Occurrence	Y	NA
Text Usage	Product	Text PS	NA	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/s ms	Usage (Delayed Telco Session) . $1.00 per Occurrence	Y	NA
5G Lite Data Service	Product	Wireless Data Bandwidth PS	Monthly Quota = 10	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ data	MCF (Debit) (Recurring) . $20.00	Y	NA
5G Premium Data Service	Product	Wireless Data Bandwidth PS	Monthly Quota = 20	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ data	MCF (Debit) (Recurring) . $30.00	Y	NA
5G Unlimited Data Service	Product	Wireless Data Bandwidth PS	Monthly Quota = 50	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ data	MCF (Debit) (Recurring) . $35.00	Y	NA
Data Roaming	Product	Data Roaming PS	NA	VoIP Offer Charge Class	Subscription	/service/ telco/gsm/ data	MCF (Debit) (Recurring) . $8.00 Usage (Delayed Telco Session) . $10.00 per GB	Y	NA
Basic Home Phone	Product	VoIP PS	NA	VoIP PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) . $35.00	Y	NA

Table 4-54   (Cont.) Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Premium Home Phone	Product	VoIP PS	QoS = Premium	VoIP PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $50.00	Y	NA
Caller ID	Product	Value Added Features PS	Caller ID = Y	Value Added Features PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $8.00	Y	NA
Call Forward	Product	Value Added Features PS	Call Forwardin g = Y	Value Added Features PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $8.00	Y	NA
Call Conferenci ng	Product	Value Added Features PS	Call Conferenci ng = Y	Value Added Features PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $8.00	Y	NA
3-Way Calling	Product	Value Added Features PS	3-Way Calling = Y	Value Added Features PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $8.00	Y	NA
Voice Mail	Product	VoIP Voicemail PS	Voice Mail = Y	VoIP Voicemail PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $8.00	Y	Y
Visual Voice Mail	Product	VoIP Visual Voicemail PS	Visual Voice Mail = Y	VoIP Visual Voicemail PS	Subscription	/service/ telco/VoIP	Purchase Fee (One-Time) **.** $12.00 Usage (Delayed Telco Session) **.** $5.00 per Occurrence	Y	Y
Web Conferenci ng	Product	Web Conferencin g PS	NA	Web Conferencin g PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $8.00	Y	Y
Fax Service	Product, Customizab le	VoIP Fax Service PS	NA	VoIP Fax Service PS	Subscription	/service/ telco/VoIP	MCF (Debit) (Recurring) **.** $15.99 Purchase Fee (One-Time) **.** $15.99	Y	Y
Soft Phone	Product	VoIP Soft Phone PS	NA	VoIP Soft Phone PS	Item	/account	Purchase Fee (One-Time) **.** $15.99	N	NA
Supremo TV Installation Service	Service	Digital TV Installation PS	NA	Digital TV Installation PS	Subscription	/service/ digitaltv	One-Time: **.** $9.99 **.** /event/billing/ product/fee/ purchase	Y	N

Table 4-54   (Cont.) Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo TV Pack - SD	Service	Digital TV PS	NA	Digital TV PS	Subscription	/service/ digitaltv	Recurring: . $8.99 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo TV Pack - HD	Service	Digital TV PS	NA	Digital TV PS	Subscription	/service/ digitaltv	Recurring: . $12.99 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo Digital Music Pack	Service	Digital TV Music PS	NA	Digital TV Music PS	Subscription	/service/ digitalmusi c	Recurring: . $1.99 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	Y
Supremo TV Local Channels	Service	Digital TV Local PS	NA	Digital TV Local PS	Subscription	/service/ digitaltv	Recurring: . $3.00 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo TV Sports Channels	Service	Digital TV Sports PS	NA	Digital TV Sports PS	Subscription	/service/ digitaltv	Recurring: . $4.00 per Month . /event/billing/ product/fee/ cycle/ cycle_forward_ arrear	Y	N
Amazon Prime	Product	Digital TV PS	Channel = Amazon Prime	Internet Media PS	Subscription	/service/ telco/OTT	MCF (Debit) (Recurring) . $12.99	Y	Y
Netflix	Product	Digital TV PS	Channel = Netflix	Internet Media PS	Subscription	/service/ telco/OTT	MCF (Debit) (Recurring) . $15.99	Y	Y

Table 4-54 (Cont.) Simple Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Hulu	Product	Digital TV PS	Channel = Hulu	Internet Media PS	Subscription	/service/ telco/OTT	MCF (Debit) (Recurring) **.** $10.99	Y	Y
Disney+	Product	Digital TV PS	Channel = Disney+	Internet Media PS	Subscription	/service/ telco/OTT	MCF (Debit) (Recurring) **.** $10.99	Y	Y

Bundled Product Offering

The below table provides details about various type of bundled product offerings available for product models. It also provides details, such as offer type, product specification, product specification character override, fulfillment item code (FIC), billing type (BT), billing service type (BST), track as asset (Y/N), service instance (SI), and charges/discounts.

The following are the properties of the bundled product offering:

Orderable = **Y**; Pricing Commit Type = **Dynamic**; Dynamic Discount Method = **Percentage**; Billing Flag = **Y**

Table 4-55 Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Broadband Bundle	Commercial Bundle	Broadband PS	NA	Broadband PS	Service Bundle	/service/ broadband	NA	Y	NA
- Supremo Broadband Installation Service [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Secure Firewall Service [0,1,0]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Broadband Bandwidth Options [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Broadband Discount Options [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo Broadband Line	Commercial Bundle	NA	NA	NA	NA	NA	NA	Y	NA

Table 4-55   (Cont.) Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
- Supremo Broadband Bundle [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Email Service [0,1,0]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Internet Modem [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Router Options [0,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo Broadband Basic [1,1,1]	Package	NA	NA	NA	NA	NA	NA	NA	NA
Supremo Broadband Premium [1,1,1]	Package	NA	NA	NA	NA	NA	NA	Y	NA
Supremo Broadband Gigabit [1,1,1]	Package	NA	NA	NA	NA	NA	NA	Y	NA
Wireless Bundle	Commercial Bundle, Customizable	Bundled Offering PS	NA	NA	NA	NA	NA	Y	NA
- SIM Card [1,1,1]	Product	SIM Card PS	NA	NA	Subscription	NA	NA	NA	NA
- Wireless Voice Service [1,1,1]	Product, Customizable	Voice PS	NA	NA	Service Bundle	NA	NA	NA	NA
- Wireless Text Service [1,1,1]	Product, Customizable	Text PS	NA	NA	Service Bundle	NA	NA	NA	NA
- Wireless Data Service [1,1,1]	Product, Customizable	Wireless Data PS	NA	NA	Service Bundle	NA	NA	NA	NA
- OTT Service Options [1,1,1]	NA	Digital TV PS	NA	NA	NA	NA	NA	NA	NA
Wireless Voice Service	Product, Customizable	Voice PS	NA	VoIP PS	Service Bundle	/service/ telco/gsm/ telephony	NA	Y	NA
- Wireless Voice Access Options [1,1,1]	Dynamic Class (based on Voice Talktime PS)	Voice Talktime PS	NA	NA	NA	NA	NA	NA	NA
- - 5G Lite Voice Service (Default) [0,1,1]	Product, Customizable	Voice Talktime PS	NA	NA	Subscription	NA	NA	NA	NA

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Table 4-55   (Cont.) Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
- - 5G Premium Voice Service [0,1,0]	Product, Customizable	Voice Talktime PS	NA	NA	Subscription	NA	NA	NA	NA
- - 5G Unlimited Voice Service [0,1,0]	Product, Customizable	Voice Talktime PS	NA	NA	Subscription	NA	NA	NA	NA
- Voice Minutes Usage Discount [1,1,1]	Product	Offer Discount PS	NA	NA	Discount	NA	NA	NA	NA
- Voice Roaming [0,1,0]	Product	Voice Roaming PS	NA	NA	Subscription	NA	NA	NA	NA
Wireless Text Service	Product, Customizable	Text PS	NA	VoIP PS	Service Bundle	/service/ telco/gsm/s ms	NA	Y	NA
- 5G Unlimited Text Service [1,1,1]	Product	Text Features PS	NA	NA	Subscription	NA	NA	NA	NA
- Text Roaming [0,1,0]	Product	Test Roaming PS	NA	NA	Subscription	NA	NA	NA	NA
- Text Usage [1,1,1]	Product	Text PS	NA	NA	Subscription	NA	NA	NA	NA
- Text 3M 50% TBO Discount [0,1,1]	Product	TBO Discount PS	NA	NA	Discount	Create exclude compatibilit y or constraint with other discount	NA	NA	NA
Wireless Data Service	Product, Customizable	Wireless Data PS	NA	VoIP PS	Service Bundle	/service/ telco/gsm/ data	NA	Y	NA
- Wireless Data Services Options [1,1,1]	Dynamic Class (based on Wireless Data Bandwidth PS)	Wireless Data Bandwidth PS	NA	NA	NA	NA	NA	NA	NA
- - 5G Lite Data Service (Default) [0,1,1]	Product	Wireless Data Bandwidth PS	NA	NA	Subscription	NA	NA	NA	NA
- - 5G Premium Data Service [0,1,0]	Product	Wireless Data Bandwidth PS	NA	NA	Subscription	NA	NA	NA	NA

Table 4-55   (Cont.) Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
- - 5G Unlimited Data Service [0,1,0]	Product	Wireless Data Bandwidth PS	NA	NA	Subscription	NA	NA	NA	NA
- Data Roaming [0,1,0]	Product	Data Roaming PS	NA	NA	Subscription	NA	NA	NA	NA
- X-Hot Spot [0,1,0]	Product	Wireless Data CPE PS	NA	NA	Subscription	NA	NA	NA	NA
- Data 15% Monthly Discount [0,1,1]	Product	Offer Discount PS	NA	NA	Discount	Create exclude compatibility or constraint with other discount	NA	NA	NA
Voice Features	Commercial Bundle, Customizable	Bundled Offering PS	NA	NA	NA	NA	NA	Y	NA
- Caller ID [0,1,1]	Product	Value Added Features PS	NA	NA	Subscription	NA	NA	NA	NA
- Call Forward [0,1,1]	Product	Value Added Features PS	NA	NA	Subscription	NA	NA	NA	NA
- Call Conferencing [0,1,1]	Product	Value Added Features PS	NA	NA	Subscription	NA	NA	NA	NA
- 3-Way Calling [0,1,1]	Product	Value Added Features PS	NA	NA	Subscription	NA	NA	NA	NA
Home Phone Service	Product, Customizable	Home Phone PS	NA	VoIP Service Feature Billing Validation Class	Service Bundle	/service/ telco/VoIP	NA	Y	NA
- Home Phone Options [1,1,1]	Dynamic Class (based on Home Phone PS)	NA	NA	NA	NA	NA	NA	NA	NA

Table 4-55   (Cont.) Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
- - Basic Home Phone (Default) [0,1,0]	Product	VoIP PS	NA	NA	Subscription	NA	NA	NA	NA
- - Premium Home Phone Bundle [0,1,0]	Commercial Bundle, Customizable	Bundled Offering PS	NA	NA	NA	NA	NA	NA	NA
- Voice Features [0,1,1]	Commercial Bundle, Customizable	Bundled Offering PS	NA	NA	NA	NA	NA	NA	NA
- Voicemail [0,1,1]	Product	VoIP Voicemail PS	NA	VoIP Voicemail PS	Subscription (SSB)	NA	NA	NA	NA
- Visual Voicemail [0,1,1]	Product	VoIP Visual Voicemail PS	NA	VoIP Visual Voicemail PS	Subscription (SSB)	NA	NA	NA	NA
- Web Conferencing [0,1,1]	Product	Web Conferencing PS	NA	Web Conferencing PS	Subscription (SSB)	NA	NA	NA	NA
- Home Phone 3M 100% TBO Discount [0,1,1]	Product, Customizable	Offer Discount PS	NA	VoIP Pricing Event Billing Validation Class	Discount	NA	NA	NA	NA
Home Phone Bundle	Commercial Bundle, Customizable	Bundled Offering PS	NA	NA	NA	NA	NA	Y	NA
- Home Phone Service [1,1,1]	Product, Customizable	VoIP PS	NA	VoIP PS	Service Bundle	/service/ telco/VoIP	NA	NA	NA
- Fax Service [0,1,1]	Product	VoIP Fax Service PS	NA	VoIP Fax Service PS	Subscription	NA	NA	NA	NA
- Phone Equipment [0,1,1]	Product	VoIP Phone PS	NA	VoIP Phone PS	Subscription	NA	NA	NA	NA
- Phone Adapter [0,1,0]	Product	VoIP Adapter PS	NA	VoIP Adaptor PS	Item	NA	NA	NA	NA
- Soft Phone [0,1,1]	Product	VoIP Soft Phone PS	NA	VoIP Soft Phone PS	Item	NA	NA	NA	NA
Premium Home Phone Bundle	Commercial Bundle, Customizable	VoIP PS	NA	NA	NA	NA	NA	Y	NA

Table 4-55   (Cont.) Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
- Premium Home Phone [1,1,1]	Product	VoIP PS	NA	VoIP PS	Subscription	NA	NA	NA	NA
- Premium Home Phone 10USD Monthly Discount [1,1,1]	Product	Offer Discount PS	NA	VoIP Pricing Event Billing Validation Class	Discount	NA	NA	NA	NA
Supremo TV Bundle	Commercial Bundle	Service Bundle PS	NA	Pricing_Event_PS	Service Bundle	/service/ digitaltv	NA	Y	NA
- Supremo TV Installation Service [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Set Top Box [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo TV Base Pack Options [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo TV Local Channels [0,1,0]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo TV Sports Options [0,1,0]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo TV Line	Commercial Bundle	NA	NA	NA	NA	NA	NA	Y	NA
- Supremo TV Bundle [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo Digital Music Pack [0,1,0]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo Sports 25pct Disc Bundle	Commercial Bundle	Digital TV Bundle PS	NA	NA	NA	NA	NA	Y	NA
- Supremo TV Sports Channels [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo TV Sports 25pct Disc [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo Sports 35pct Disc Bundle	Commercial Bundle	Digital TV Bundle PS	NA	NA	NA	NA	NA	Y	NA
- Supremo TV Sports Channels [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4-55 (Cont.) Bundled Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
- Supremo TV Sports 35pct Disc [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo Sports 50pct Disc Bundle	Commercial Bundle	Digital TV Bundle PS	NA	NA	NA	NA	NA	Y	NA
- Supremo TV Sports Channels [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
- Supremo TV Sports 50pct Disc [1,1,1]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Supremo TV Basic [1,1,1]	Package	NA	NA	NA	NA	NA	NA	Y	NA
Supremo TV Premium [1,1,1]	Package	NA	NA	NA	NA	NA	NA	Y	NA

Discount Product Offering

The below table provides details about various type of discount product offerings available for product models. It also provides details, such as offer type, product specification, product specification character override, fulfillment item code (FIC), billing type (BT), billing service type (BST), track as asset (Y/N), service instance (SI), and charges/discounts.

The following are the properties of the discount product offering:

Orderable = **Y**; Pricing Commit Type = **Dynamic**; Dynamic Discount Method = **Percentage**; Billing Flag = **Y**

Table 4-56 Discount Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Broadband 5 pct Discount	Discount	Pricing Event Class	NA	Pricing Event Class	Discount	/service/ broadband	Discount: . 5% . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N

Table 4-56   (Cont.) Discount Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Broadband 10 pct Discount	Discount	Pricing Event Class	NA	Pricing Event Class	Discount	/service/ broadband	Discount: . 10% . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Supremo Broadband 25 pct Discount	Discount	Pricing Event Class	NA	Pricing Event Class	Discount	/service/ broadband	Discount: . 25% . /event/billing/ product/fee/ cycle/ cycle_forward_ monthly	Y	N
Data 15% Monthly Discount	Product	Offer Discount PS	NA	VoIP Pricing Event Billing Validation Class	Discount	/service/ telco/gsm/ data	MCF (Credit) (Recurring): . 15% of Charge	Y	NA
Data 25% Monthly Discount	Product	Offer Discount PS	NA	VoIP Pricing Event Billing Validation Class	Discount	/service/ telco/gsm/ data	MCF (Credit) (Recurring): . 25% of Charge	Y	NA
Text 3M 50% TBO Discount	Product, Customiza ble (Time Based Offer)	TBO Discount PS	Duration = 3 DurationU nitOfMeas ure = Months	VoIP Pricing Event Billing Validation Class	Discount	/service/ telco/gsm/ sms	MCF (Credit) (Recurring): . 50% of Charge	Y	NA
Text 1M 100% TBO Discount	Product, Customiza ble (Time Based Offer)	TBO Discount PS	Duration = 1 DurationU nitOfMeas ure = Months	VoIP Pricing Event Billing Validation Class	Discount	/service/ telco/gsm/ sms	MCF (Credit) (Recurring): . 100% of Charge	Y	NA

Table 4-56   (Cont.) Discount Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Shared 20GB Data Discount	Product	Offer Discount PS	Community Offer = Y	VoIP Pricing Event Billing Validation Class	Discount	/account	MCF (Recurring): . Credit of 20GB grant Usage (Delayed Telco Session): . Configure Trigger condition till balance of 20GB . Debit: 1 per StepQuantity from sharer balance till 20GB is exhausted . Credit: 100% of StepCharge from user balance	Y	NA
Shared 4000 Minutes Discount	Product	Offer Discount PS	Community Offer = Y	VoIP Pricing Event Billing Validation Class	Discount	/account	How to allocate grant of 4000 Minutes? Usage (Delayed Telco Session) (Debit): . 1 per StepQuantity from sharer balance till 4000 minutes are exhausted Usage (Delayed Telco Session) (Credit): . 100% of StepCharge from user balance	Y	NA

Table 4-56   (Cont.) Discount Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Shared 3000 Text Discount	Product	Offer Discount PS	Community Offer = Y	VoIP Pricing Event Billing Validation Class	Discount	/service/ telco/gsm/ sms OR /account	How to allocate grant of 3000 Text? Usage (Delayed Telco Session) (Debit): **.** 1 per StepQuantity from sharer balance till 3000 text occurrences are exhausted Usage (Delayed Telco Session) (Credit): **.** 100% of StepCharge from user balance	Y	NA
Premium Home Phone 5USD Monthly Discount	Product	Offer Discount PS	NA	VoIP Pricing Event Billing Validation Class	Discount	/service/ telco/VoIP	MCF (Credit) (Recurring): **.** $5.00	Y	NA
Supremo TV Sports 25pct Disc	Discount	Pricing Event Class	NA	Pricing Event Class	Discount	/service/ digitaltv	Recurring Discount: **.** 25% **.** /event/billing/ product/fee/ cycle/ cycle_forward_a rrear	Y	N
Supremo TV Sports 35pct Disc	Discount	Pricing Event Class	NA	Pricing Event Class	Discount	/service/ digitaltv	Recurring Discount: **.** 35% **.** /event/billing/ product/fee/ cycle/ cycle_forward_a rrear	Y	N

Table 4-56   (Cont.) Discount Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo TV Sports 50pct Disc	Discount	Pricing Event Class	NA	Pricing Event Class	Discount	/service/ digitaltv	Recurring Discount: . 50% . /event/billing/ product/fee/ cycle/ cycle_forward_a rrear	Y	N

Device and Accessory-Based Product Offering

The below table provides details about various type of device and accessory-based product offerings available for product models. It also provides details, such as offer type, product specification, product specification character override, fulfillment item code (FIC), billing type (BT), billing service type (BST), track as asset (Y/N), service instance (SI), and charges/ discounts.

The following are the properties of the device and accessory-based product offering:

Orderable = **Y**; Pricing Commit Type = **Dynamic**; Dynamic Discount Method = **Percentage**; Billing Flag = **Y**

Table 4-57   Device and Accessory-Based Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Internet Modem	Device	DBE Broadband Modem PS	. Brand - Supremo . Model - M1 . MAC Address - _updated_b y_som_	Broadband Modem PS	Subscription	/account	One-Time: . $10.00 . /event/billing/ product/fee/ purchase	Y	N
Customer Router	Device	DBE Broadband Router PS	NA	Broadband Router PS	Item	/account	One-Time: . $0.00 . /event/billing/ product/fee/ purchase	N	N
Supremo Link Router	Device	DBE Broadband Router PS	NA	Broadband Router PS	Item	/account	One-Time: . $20.00 . /event/billing/ product/fee/ purchase	N	N

Table 4-57   (Cont.) Device and Accessory-Based Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Supremo Connect Router	Device	DBE Broadband Router PS	NA	Broadband Router PS	Item	/account	One-Time: . $22.00 . /event/billing/ product/fee/ purchase	N	N
SIM Card	Product	SIM Card PS	NA	VoIP Adapter PS	Subscription	/account	Purchase Fee (One-Time): . $5.99	Y	NA
X-Hot Spot	Product	Wireless Data CPE PS	NA	VoIP Adapter PS	Subscription	/account	Purchase Fee (One-Time): . $12.99	Y	NA
Mustang 11	Product	Wireless Mustang Handset PS	Brand = Mustang Model = Mustang 11	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $599.99	Y	NA
Mustang 11 Max	Product	Wireless Mustang Handset PS	Brand = Mustang Model = Mustang 11 Max	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $799.99	Y	NA
Mustang 11 Pro	Product	Wireless Mustang Handset PS	Brand = Mustang Model = Mustang 11 Pro	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $699.99	Y	NA
Mustang XT	Product	Wireless Mustang Handset PS	Brand = Mustang Model = Mustang XT	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $499.99	Y	NA
Vola S10	Product	Wireless Vola Handset PS	Brand = Vola Model = Vola S10	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $799.99	Y	NA
Vola S10 5G	Product	Wireless Vola Handset PS	Brand = Vola Model = Vola S10 5G	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $599.99	Y	NA
Vola S10+	Product	Wireless Vola Handset PS	Brand = Vola Model = Vola S10+	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $699.99	Y	NA

Table 4-57   (Cont.) Device and Accessory-Based Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Vola S10e	Product	Wireless Vola Handset PS	Brand = Vola Model = Vola S10e	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $499.99	Y	NA
Bingo Headphone 10	Product	Wireless Accessory PS	Brand = Bingo Type = Headphone Model = Bingo Headphone 10	VoIP Adapter PS	Item	/account	Purchase Fee (One-Time): . $75.99	N	NA
Sleek Headphone X	Product	Wireless Accessory PS	Brand = Sleek Type = Headphone Model = Sleek Headphone X	VoIP Adapter PS	Item	/account	Purchase Fee (One-Time): . $65.99	N	NA
Sleek Printed Leather Mustang 11 Case	Product	Wireless Accessory PS	Brand = Sleek Type = Case Model = Sleek Printed Leather Mustang 11	VoIP Adapter PS	Item	/account	Purchase Fee (One-Time): . $25.99	N	NA
Sleek Protective Mustang 11 Max Case	Product	Wireless Accessory PS	Brand = Sleek Type = Case Model = Sleek Protective Mustang 11 Max	VoIP Adapter PS	Item	/account	Purchase Fee (One-Time): . $45.99	N	NA
Bingo Printed Leather Vola S10 Case	Product	Wireless Accessory PS	Brand = Bingo Type = Case Model = Bingo Printed Leather Vola S10	VoIP Adapter PS	Item	/account	Purchase Fee (One-Time): . $25.99	N	NA

Table 4-57   (Cont.) Device and Accessory-Based Product Offering

Name	Type	Product Spec	Prod Spec Char Override	FIC	BT	BST	Charge/ Discount Price List: NA Pricelist	Asset	SI
Bingo Protective Vola S10+ Case	Product	Wireless Accessory PS	Brand = Bingo Type = Case Model = Bingo Protective Vola S10+	VoIP Adapter PS	Item	/account	Purchase Fee (One-Time): . $25.99	N	NA
Phone Equipment	Product	VoIP Phone PS	NA	VoIP Phone PS	Subscription	/account	Purchase Fee (One-Time): . $75.00	Y	NA
Phone Adapter	Product	VoIP Adapter PS	NA	VoIP Adapter PS	Subscription	/account	Purchase Fee (One-Time): . $15.00	Y	NA
Supremo Set Top Box	Device	Digital TV STB PS	NA	Digital TV STB PS	Subscription	/service/ digitaltv	One-Time: . $14.99 . /event/billing/ product/fee/ purchase	Y	N

Terms

This section provides information about various terms for product models.

Commitment Terms

This section provides detailed commitment terms for product models.

Table 4-58   Commitment Terms

Product Offer Name	Commitment Period	Commitment Period UoM	Grace Period	Grace Period UoM	Type	Penalty Amount	Pro rate Plan
Supremo 5G Lite	1	Year	15	Days	Penalty	$300.00	Fixed Proration
Supremo 5G Premium	18	Months	15	Days	Penalty	$500.00	Fixed Proration
Supremo 5G Unlimited	2	Years	1	Month	Penalty	$550.00	Fixed Proration
Supremo Starter Home Phone	1	Years	15	Days	Penalty	$200.00	Flat
Supremo Premium Home Phone	18	Months	1	Months	Penalty	$300.00	Flat

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Table 4-58   (Cont.) Commitment Terms

Product Offer Name	Commitment Period	Commitment Period UoM	Grace Period	Grace Period UoM	Type	Penalty Amount	Pro rate Plan
Supremo Mobile and Broadband Lite	NA	NA	NA	NA	NA	NA	NA
Supremo Mobile and Broadband Premium	12	Months	15	Days	Penalty	$50.00	Fixed Proration
Supremo Mobile and Broadband Unlimited	18	Months	1	Months	Penalty	$75.00	Fixed Proration
Supremo Broadband and Phone Basic	NA	NA	NA	NA	NA	NA	NA
Supremo Broadband and Phone Premium	1	Years	1	Months	Penalty	$50.00	Fixed Proration
Supremo Broadband and Phone Platinum	2	years	1	Months	Penalty	$75.00	Fixed Proration
Supremo Broadband and TV Basic	NA	NA	NA	NA	NA	NA	NA
Supremo Broadband and TV Premium	12	Months	15	Days	Penalty	$50.00	Fixed Proration
Supremo 3 Play Basic	NA	NA	NA	NA	NA	NA	NA
Supremo 3 Play Premium	12	Months	15	Days	Penalty	$50.00	Fixed Proration
Supremo 3 Play Unlimited	18	Months	1	Months	Penalty	$75.00	Fixed Proration
Supremo Connect Basic	1	Years	1	Months	Penalty	$50.00	Fixed Proration
Supremo Connect Premium	2	Years	1	Months	Penalty	$100.00	Fixed Proration
Supremo Connect Platinum	2	Years	1	Months	Penalty	$125.00	Fixed Proration

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Rules

This section provides information about the following rules available for product models:

- [Eligibility Rules](#)
- [Compatibility Rules](#)
- [Migration Rules](#)
- [Recommendation Rules](#)

Eligibility Rules

This section provides information about various eligibility rules for product models.

Table 4-59   Eligibility Rules

Product Offering	Rule Type	Account Type	Country	State	City	Postal Code
Supremo Broadband Basic	NA	Residential	US, CA	NA	NA	NA
Supremo Broadband Premium	NA	Residential	US	CA, NY, TX	NA	NA
Supremo Broadband Premium	NA	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo Broadband Gigabit	NA	Residential	US	NA	NA	10001, 10002, 10003, 10004, 10005
Supremo Broadband Gigabit	NA	Residential	CA	NA	NA	M4C, M3C, M5K
Supremo 5G Lite	Available	Residential	US, CA	NA	NA	NA
Supremo 5G Premium	Available	Residential	US	CA, NY, TX	NA	NA
Supremo 5G Premium	Available	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo 5G Unlimited	Available	Residential	US	CA, NY, TX	NA	NA
Supremo 5G Unlimited	Available	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo Starter Home Phone	Available	Residential	US	CA	NA	90001 - 90006, 90209, 90210, 94102 -94109
Supremo Starter Home Phone	Available	Residential	US	NY	NA	10001 -10010
Supremo Starter Home Phone	Available	Residential	US	TX	NA	73301, 73344, 75014, 75015, 75033-75036
Supremo Starter Home Phone	Available	Residential	CA	NA	Toronto	M3C 0C1 - M3C 0C3, M3H 0C3, M3C 0E4, M3H 6A7
Supremo Starter Home Phone	Available	Residential	CA	NA	Calgary	T3G 1J8, T3G 1J9, T3G 1K1, T3G 1K2
Supremo Premium Home Phone	Available	Residential	US	CA	NA	90001 - 90006, 90209, 90210, 94102 -94109
Supremo Premium Home Phone	Available	Residential	US	NY	NA	10001 -10010

Table 4-59   (Cont.) Eligibility Rules

Product Offering	Rule Type	Account Type	Country	State	City	Postal Code
Supremo Premium Home Phone	Available	Residential	US	TX	NA	73301, 73344, 75014, 75015, 75033-75036
Supremo Premium Home Phone	Available	Residential	CA	NA	Toronto	M3C 0C1 - M3C 0C3, M3H 0C3, M3C 0E4, M3H 6A7
Supremo Premium Home Phone	Available	Residential	CA	NA	Calgary	T3G 1J8, T3G 1J9, T3G 1K1, T3G 1K2
Supremo Mobile and Broadband Lite	NA	Residential	US, CA	NA	NA	NA
Supremo Mobile and Broadband Premium	NA	Residential	US	CA, NY, TX	NA	NA
Supremo Mobile and Broadband Premium	NA	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo Mobile and Broadband Unlimited	NA	Residential	US	NA	NA	10001, 10002, 10003, 10004, 10005
Supremo Mobile and Broadband Unlimited	NA	Residential	CA	NA	NA	M4C, M3C, M5K
Supremo Broadband and Phone Basic	NA	Residential	US, CA	NA	NA	NA
Supremo Broadband and Phone Premium	NA	Residential	US	CA, NY, TX	NA	NA
Supremo Broadband and Phone Premium	NA	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo Broadband and Phone Platinum	NA	Residential	US	NA	NA	10001, 10002, 10003, 10004, 10005
Supremo Broadband and Phone Platinum	NA	Residential	CA	NA	NA	M4C, M3C, M5K
Supremo Broadband and TV Basic	NA	Residential	US, CA	NA	NA	NA
Supremo Broadband and TV Premium	NA	Residential	US	CA, NY, TX	NA	NA
Supremo Broadband and TV Premium	NA	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo 3 Play Basic	NA	Residential	US, CA	NA	NA	NA
Supremo 3 Play Premium	NA	Residential	US	CA, NY, TX	NA	NA
Supremo 3 Play Premium	NA	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo 3 Play Unlimited	NA	Residential	US	NA	NA	10001, 10002, 10003, 10004, 10005
Supremo 3 Play Unlimited	NA	Residential	CA	NA	NA	M4C, M3C, M5K
Supremo Connect Basic	NA	Residential	US, CA	NA	NA	NA
Supremo Connect Premium	NA	Residential	US	CA, NY, TX	NA	NA

Table 4-59   (Cont.) Eligibility Rules

Product Offering	Rule Type	Account Type	Country	State	City	Postal Code
Supremo Connect Premium	NA	Residential	CA	NA	Toronto, Vancouver, Calgary	NA
Supremo Connect Platinum	NA	Residential	US	NA	NA	10001, 10002, 10003, 10004, 10005
Supremo Connect Platinum	NA	Residential	CA	NA	NA	M4C, M3C, M5K

Compatibility Rules

This section provides information about various compatibility rules for product models.

Table 4-60   Compatibility Rules

Subject Entity	Object Entity	Subject Entity Name	Object Entity Name	Rule Type
Product Offering	Product Offering	Sleek Printed Leather Mustang 11 Case	Mustang 11	Requires
Product Offering	Product Offering	Sleek Protective Mustang 11 Max Case	Mustang 11 Max	Requires
Product Offering	Product Offering	Bingo Printed Leather Vola S10	Vola S10	Requires
Product Offering	Product Offering	Bingo Protective Vola S10+	Vola S10+	Requires
Product Offering	Product Offering	Phone Adapter	Phone Equipment	Excludes
Product Offering	Product Specification	Supremo TV - Basic	DBE Broadband Bandwidth PS	Requires
Product Offering	Product Specification	Supremo TV - Premium	DBE Broadband Bandwidth PS	Requires
Product Offering	Product Offering	Supremo TV - Basic	Supremo TV - Premium	Excludes

Migration Rules

This section provides information about various migration rules, such as upgrade and downgrade paths for product models.

Table 4-61   Upgrade Path

Source Product Offering	Target Product Offering	Duration	Upgrade Type	Commitment Start
Supremo Broadband Basic	Supremo Broadband Premium	Original Duration	Upgrade To	Original End
Supremo Broadband Basic	Supremo Broadband Gigabit	Original Duration	Upgrade To	Original End
Supremo Broadband Premium	Supremo Broadband Gigabit	Original Duration	Upgrade To	Original End

Table 4-61   (Cont.) Upgrade Path

Source Product Offering	Target Product Offering	Duration	Upgrade Type	Commitment Start
Supremo Broadband Basic	Supremo Mobile and Broadband Lite	Original Duration	Upgrade To	Original End
Supremo Broadband Basic	Supremo Broadband and Phone Basic	Original Duration	Upgrade To	Original End
Supremo Broadband - Basic	Supremo Broadband and TV Basic	Original Duration	Upgrade To	Original End
Supremo Broadband Premium	Supremo Broadband and Phone Premium	Original Duration	Upgrade To	Original End
Supremo Broadband Premium	Supremo Broadband and TV Premium	Original Duration	Upgrade To	Original End
Supremo Broadband Premium	Supremo Mobile and Broadband Premium	Original Duration	Upgrade To	Original End
Supremo Broadband Gigabit	Supremo Mobile and Broadband Unlimited	Original Duration	Upgrade To	Original End
Supremo Broadband Gigabit	Supremo Broadband and Phone Platinum	Original Duration	Upgrade To	Original End
Supremo 5G Lite	Supremo 5G Premium	Original Duration	Upgrade To	Original End
Supremo 5G Lite	Supremo 5G Unlimited	Original Duration	Upgrade To	Original End
Supremo 5G Premium	Supremo 5G Unlimited	Original Duration	Upgrade To	Original End
Supremo Starter Home Phone	Supremo Premium Home Phone	Original Duration	Upgrade To	Original End
Supremo TV Basic	Supremo TV - Premium	Original Duration	Upgrade To	Original End
Supremo Mobile and Broadband Lite	Supremo Mobile and Broadband Premium	Original Duration	Upgrade To	Original End
Supremo Mobile and Broadband Lite	Supremo Mobile and Broadband Unlimited	Original Duration	Upgrade To	Original End
Supremo Mobile and Broadband Premium	Supremo Mobile and Broadband Unlimited	Original Duration	Upgrade To	Original End
Supremo Mobile and Broadband Lite	Supremo 3 Play Basic	Original Duration	Upgrade To	Original End
Supremo Mobile and Broadband Premium	Supremo 3 Play Premium	Original Duration	Upgrade To	Original End
Supremo Mobile and Broadband Unlimited	Supremo 3 Play Unlimited	Original Duration	Upgrade To	Original End
Supremo Broadband and Phone Basic	Supremo Broadband and Phone Premium	Original Duration	Upgrade To	Original End
Supremo Broadband and Phone Basic	Supremo Broadband and Phone Platinum	Original Duration	Upgrade To	Original End
Supremo Broadband and Phone Premium	Supremo Broadband and Phone Platinum	Original Duration	Upgrade To	Original End
Supremo Broadband and TV Basic	Supremo Broadband and TV Premium	Original Duration	Upgrade To	Original End
Supremo Broadband and TV Basic	Supremo 3 Play Basic	Original Duration	Upgrade To	Original End
Supremo Broadband and TV Premium	Supremo 3 Play Premium	Original Duration	Upgrade To	Original End

Table 4-61   (Cont.) Upgrade Path

Source Product Offering	Target Product Offering	Duration	Upgrade Type	Commitment Start
Supremo Broadband and TV Premium	Supremo 3 Play Unlimited	Original Duration	Upgrade To	Original End
Supremo 3 Play Basic	Supremo 3 Play Premium	Original Duration	Upgrade To	Original End
Supremo 3 Play Basic	Supremo 3 Play Unlimited	Original Duration	Upgrade To	Original End
Supremo 3 Play Premium	Supremo 3 Play Unlimited	Original Duration	Upgrade To	Original End
Supremo 3 Play Basic	Supremo Connect Basic	Original Duration	Upgrade To	Original End
Supremo 3 Play Premium	Supremo Connect Premium	Original Duration	Upgrade To	Original End
Supremo 3 Play Unlimited	Supremo Connect Platinum	Original Duration	Upgrade To	Original End
Supremo Connect Basic	Supremo Connect Premium	Original Duration	Upgrade To	Original End
Supremo Connect Basic	Supremo Connect Platinum	Original Duration	Upgrade To	Original End
Supremo Connect Premium	Supremo Connect Platinum	Original Duration	Upgrade To	Original End

Table 4-62   Downgrade Path

Source Offering	Target offering	Duration	Upgrade Type	Commitment Start	Penalty Type	Penalty Amount
Supremo Broadband Gigabit	Supremo Broadband Basic	Original Duration	Upgrade From	Original Start	NA	NA
Supremo Broadband Gigabit	Supremo Broadband Premium	Original Duration	Upgrade From	Original Start	NA	NA
Supremo Broadband Premium	Supremo Broadband Basic	Original Duration	Upgrade From	Original Start	NA	NA
Supremo 5G Premium	Supremo 5G Lite	Original Duration	Upgrade From	Original Start	Flat	$40.00
Supremo 5G Unlimited	Supremo 5G Lite	Original Duration	Upgrade From	Original Start	Flat	$65.00
Supremo 5G Unlimited	Supremo 5G Premium	Original Duration	Upgrade From	Original Start	Flat	$50.00
Supremo Premium Home Phone	Supremo Starter Home Phone	Original Duration	Upgrade From	Original Start	Flat	$35.00
Supremo TV Premium	Supremo TV Basic	Original Duration	Upgrade From	Original Start	NA	NA

Table 4-62   (Cont.) Downgrade Path

Source Offering	Target offering	Duration	Upgrade Type	Commitment Start	Penalty Type	Penalty Amount
Supremo Mobile and Broadband Unlimited	Supremo Mobile and Broadband Lite	Original Duration	Upgrade From	Original Start	Fixed Prorate	$60.00
Supremo Mobile and Broadband Unlimited	Supremo Mobile and Broadband Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$20.00
Supremo Mobile and Broadband Premium	Supremo Mobile and Broadband Lite	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo Mobile and Broadband Lite	Supremo Broadband Basic	Original Duration	Upgrade From	Original Start	NA	NA
Supremo Mobile and Broadband Lite	Supremo 5G Lite	Original Duration	Upgrade From	Original Start	NA	NA
Supremo Mobile and Broadband Premium	Supremo Broadband Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo Mobile and Broadband Premium	Supremo 5G Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo Mobile and Broadband Unlimited	Supremo Broadband Gigabit	Original Duration	Upgrade From	Original Start	Fixed Prorate	$60.00
Supremo Mobile and Broadband Unlimited	Supremo 5G Unlimited	Original Duration	Upgrade From	Original Start	Fixed Prorate	$60.00
Supremo Broadband and Phone Platinum	Supremo Broadband and Phone Basic	Original Duration	Upgrade From	Original Start	Fixed Prorate	$60.00
Supremo Broadband and Phone Platinum	Supremo Broadband and Phone Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$20.00
Supremo Broadband and Phone Premium	Supremo Broadband and Phone Basic	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo Broadband and TV Premium	Supremo Broadband and TV Basic	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo Broadband and TV Basic	Supremo Broadband Basic	Original Duration	Upgrade From	Original Start	NA	NA

Table 4-62   (Cont.) Downgrade Path

Source Offering	Target offering	Duration	Upgrade Type	Commitment Start	Penalty Type	Penalty Amount
Supremo Broadband and TV Basic	Supremo TV Basic	Original Duration	Upgrade From	Original Start	NA	NA
Supremo Broadband and TV Premium	Supremo Broadband Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo Broadband and TV Premium	Supremo TV Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$40.00
Supremo 3 Play Unlimited	Supremo 3 Play Basic	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$60.00
Supremo 3 Play Unlimited	Supremo 3 Play Premium	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$40.00
Supremo 3 Play Premium	Supremo 3 Play Basic	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$75.00
Supremo 3 Play Basic	Supremo Mobile and Broadband Lite	Original Duration	Upgrade From	Original End	NA	NA
Supremo 3 Play Basic	Supremo Broadband and TV Basic	Original Duration	Upgrade From	Original End	NA	NA
Supremo 3 Play Premium	Supremo Mobile and Broadband Premium	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$60.00
Supremo 3 Play Premium	Supremo Broadband and TV Premium	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$60.00
Supremo 3 Play Unlimited	Supremo Mobile and Broadband Unlimited	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$60.00
Supremo 3 Play Unlimited	Supremo Broadband and TV Premium	Original Duration	Upgrade From	Original Start	Fixed, Don't Prorate	$60.00
Supremo Connect Platinum	Supremo Connect Basic	Original Duration	Upgrade From	Original Start	Fixed Prorate	$100.00
Supremo Connect Platinum	Supremo Connect Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$50.00
Supremo Connect Premium	Supremo Connect Basic	Original Duration	Upgrade From	Original Start	Fixed Prorate	$75.00
Supremo Connect Premium	Supremo 3 Play Unlimited	Original Duration	Upgrade From	Original Start	Fixed Prorate	$75.00
Supremo Connect Platinum	Supremo 3 Play Premium	Original Duration	Upgrade From	Original Start	Fixed Prorate	$75.00

Table 4-62   (Cont.) Downgrade Path

Source Offering	Target offering	Duration	Upgrade Type	Commitment Start	Penalty Type	Penalty Amount
Supremo Connect Basic	Supremo 3 Play Basic	Original Duration	Upgrade From	Original Start	Fixed Prorate	$50.00

Recommendation Rules

This section provides information about various recommendation rules for product models.

Table 4-63   Recommendation Rules

Product Offering	Recommended Product	Score	Up Sell / Cross Sell
Mustang 11	Mustang 11 Max	4	Up Sell
Mustang 11	Mustang 11 Pro	8	Up Sell
Mustang 11	Sleek Printed Leather Mustang 11 Case	5	Cross Sell
Mustang 11	Bingo Headphone 10	8	Cross Sell
Mustang 11	Sleek Headphone X	5	Cross Sell
Mustang 11 Max	Sleek Protective Mustang 11 Max Case	8	Cross Sell