## New Cold Activation

A new cold activation is defined as a new Sprint customer creating a new account with a new subscription in which the phone is shipped to the customer un-activated.

* **7UL/76S QueryCsaService.queryCsaV2**
* 7UL/76S QueryNumberPortingService.checkNumberPortingEligibilityV1
  + Required if porting.
* **7UL/6ZN CREDIT\_CHECK\_REQUEST / OrderValidationModule.doCreditCheck**
* 7UL/6ZN PRE\_AUTHORIZATION\_REQUEST / OrderValidationModule.doPreAuthorization
  + Required if customer needs to make deposit.
* 7UL/76S QueryPlansAndOptionsService.queryAvailablePlansV1
  + Required if not using Offline Content Data.
* 7UL/76S QueryPlansAndOptionsService.queryAvailableOptionsV1
  + Required if not using Offline Content Data.
* **7UL/76S QueryPlansAndOptionsService.validatePlansAndOptionsV1**
* **7UL/6ZN ACTIVATION\_REQUEST / OrderValidationModule.doActivation**
* 7UL/6ZN ACTIVATE\_NOW\_REQUEST / OrderValidationModule.doActivateNow or call customer care
  + Required if doActivation call is used a future dated activation date and now the customer desires to activate before future dated activation date (e.g. shipment arrives early).

## Add A Line Cold Activation

An add a line cold activation is defined as an existing Sprint customer creating a new subscription on an existing account with the phone shipped to the customer un-activated.

* **7UL/6ZN ACCOUNT\_VALIDATION\_REQUEST / OrderValidationModule.doAccountValidation**
* 7UL/76S QueryNumberPortingService.checkNumberPortingEligibilityV1
  + Required if porting.
* **7UL/6ZN CREDIT\_CHECK\_REQUEST / OrderValidationModule.doCreditCheck**
* 7UL/6ZN OrderValidationModule.doPreAuthorization
  + Required if customer needs to make deposit.
* 7UL/76S QueryPlansAndOptionsService.queryAvailablePlansV1
  + Required if not using Offline Content Data.
* 7UL/76S QueryPlansAndOptionsService.queryAvailableOptionsV1
  + Required if not using Offline Content Data.
* **7UL/76S QueryPlansAndOptionsService.validatePlansAndOptionsV1**
* **7UL/6ZN ACTIVATION\_REQUEST / OrderValidationModule.doActivation**
* 7UL/6ZN ACTIVATE\_NOW\_REQUEST / OrderValidationModule.doActivateNow or call customer care
  + Required if doActivation call is used a future dated activation date and now the customer desires to activate before future dated activation date (e.g. shipment arrives early).

## Cold Upgrade

A cold upgrade is defined as an existing Sprint customer purchasing a new device upgrade with the new device being shipped to the customer un-activated.

* **7UL/6ZN ACCOUNT\_VALIDATION\_REQUEST / OrderValidationModule.doAccountValidation**
* **7UL/6ZN CREDIT\_CHECK\_REQUEST / OrderValidationModule.doCreditCheck**
* 7UL/76S QueryPlansAndOptionsService.queryAvailablePlansV1
  + Required if not using Offline Content Data.
* 7UL/76S QueryPlansAndOptionsService.queryAvailableOptionsV1
  + Required if not using Offline Content Data.
* **7UL/76S QueryPlansAndOptionsService.validatePlansAndOptionsV1**
* **7UL/76S DiscountManagementService.lockRebateEligibilityV1**
* **7UL/6ZN ACTIVATION\_REQUEST / OrderValidationModule.doActivation**
* **7UL/6ZN ACTIVATE\_RESERVED\_DEVICE\_REQUEST / OrderValidationModule.doActivateReservedDevice**

## Hot Upgrade (storefront only)

A hot upgrade is defined as an existing Sprint customer purchasing a new device upgrade with the new device being shipped to the customer activated.

* **7UL/6ZN ACCOUNT\_VALIDATION\_REQUEST / OrderValidationModule.doAccountValidation**
* **7UL/6ZN CREDIT\_CHECK\_REQUEST / OrderValidationModule.doCreditCheck**
* 7UL/76S QueryPlansAndOptionsService.queryAvailablePlansV1
  + Required if not using Offline Content Data.
* 7UL/76S QueryPlansAndOptionsService.queryAvailableOptionsV1
  + Required if not using Offline Content Data.
* **7UL/76S QueryPlansAndOptionsService.validatePlansAndOptionsV1**
* **7UL/6ZN ACTIVATION\_REQUEST / OrderValidationModule.doActivation**

## Device Swap

A device swap is defined as a customer swapping their existing device with another device. A new purchase/upgrade is not part of this scenario.

* **7UL/76S QueryDeviceInfoService.validateDeviceV6**
* **7UL/76S SubscriberManagementService.swapSubscriberEquipmentV1**

## Service Change

A service change is defined as a customer adding or removing feature or changing rate plans to an existing subscription.

* 7UL/6ZN ACCOUNT\_VALIDATION\_REQUEST / OrderValidationModule.doAccountValidation
* 7UL/76S QueryPlansAndOptionsService.queryAvailablePlansV1
  + Required if not using Offline Content Data.
* 7UL/76S QueryPlansAndOptionsService.queryAvailableOptionsV1
  + Required if not using Offline Content Data.
* **7UL/6ZN CREDIT\_CHECK\_REQUEST / OrderValidationModule.doCreditCheck**
* **7UL/6ZN ACTIVATION\_REQUEST / OrderValidationModule.doActivation**

# API Reference

## 76S - DataPower Operations/Services

* DiscountManagementService.lockRebateEligibilityV1
  + Validates input subscriber information, and also validates if the Account (BAN) identified by input subscriber is eligible for Rebates or not. If BAN is not rebate eligible, then an error will be returned.
* QueryCsaService.queryCsaV2
  + The API will provide CSA (Coverage Service Area) information given location information as input.
* QueryDeviceInfoService.validateDevice
  + This API will provide device activation eligibility.
* QueryNumberPortingService.checkNumberPortingEligibilityV1
  + This API will provide number porting eligibility.
* QueryPlansAndOptionsService.queryAvailablePlansV1
  + The Plans service provides the ability to be able to return the list of plans available based on device.
* QueryPlansAndOptionsService.queryAvailableOptionsV1
  + The Options service provides the ability to be able to return the list of options and corresponding charges specific to the value of the rank provides in the Options Request.
* QueryPlansAndOptionsService.validatePlansAndOptionsV1
  + validatePlansAndOptions will verify that the price plan id, feature codes, and discount codes provided in the requests are valid to purchase on the date order is created. If the order creation date surpasses the price plan’s expiration date, the request is rejected back to the PARTNER. The API also validates transactions involving the addition and/or deletion services (Price plans and/or plan attachables) can be committed to the billing system.
* SubscriberManagementService.swapSubscriberEquipmentV1
  + This interface provides the capability to swap equipment for a subscriber.

## 6ZN - OVM Message Types

* ACCOUNT\_VALIDATION\_REQUEST / OrderValidationModule.doAccountValidation
  + The account validation service allows partners to synchronously retrieve a snapshot of a customer’s Sprint-Nextel account. The service provides the functionality to perform lookup for Account details of an existing Account with multiple search criteria’s such as acct number, ESN, mobile number, SIM # (Iden), MEID (CDMA). This API also performs customer authentication in order to allow for standalone rebate eligibility checks.
* ACTIVATE\_NOW\_REQUEST / OrderValidationModule.doActivateNow
  + When shipping a device with a future dated activation date, the customer might receive the phone before the planned activation date. This transaction allows the planned activation date to be overwritten.
* ACTIVATE\_RESERVED\_DEVICE\_REQUEST / OrderValidationModule.doActivateReservedDevice
  + Activate Reserved Device will to activate device(s) that were previously reserved to subscriber via a successfully completed OVM upgrade later transaction (doActivation).
* ACTIVATION\_REQUEST / OrderValidationModule.doActivation
  + This API allows a subscriber to activate new, upgrade and add a line subscriptions. It can also be used to add or remove a feature or change rate plans to an existing subscription.
* CREDIT\_CHECK\_REQUEST / OrderValidationModule.doCreditCheck
  + This API receives customer data from a PARTNER and processes a credit check via a credit vendor for the applicable prospective customers and matches the customer data to an existing Sprint-Nextel account. Also, performs address validation on the post-paid customer.
* PRE\_AUTHORIZATION\_REQUEST / OrderValidationModule.doPreAuthorization
  + The pre-authorization service allows PARTNERs to synchronously pre-authorize the deposit amount on a customer’s credit card based on the results provided in the Credit Check Response message.