SelfServe New Stack Business Services

Telus TV services

Interface Design Document

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# Sequence of TV services:



# TVReference REST Service

This service provides bunch operations in support of retrieving information of Telus TV programme reference data.

## geoTargetMarket (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference/geo-target-market | |
| **Method** | Get |
| **Description** | Provide Telus TV geographic target market list. |
| **Input** | **N/a** |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [ < GeoTargetMarketChar> ] ,  “status”: <status>  }  GeoTargetMarketChar: (char: Characteristic)   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | provinceStateTxt | string |  |  | | provinceStateCd | string |  | bc, ab | | geoTargetMarketList | Array of ‘<GeoTargetMarket>’ |  |  |   GeoTargetMarket:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | geoTargetMarketId | string |  |  | | geoTargetMarketNm | string |  | vancouver, victoria |   Example:  {      **"geoTargetMarketCharList"**:[          {            **"provinceStateTxt"**:"British Columbia",          **"provinceStateCd"**:"BC",          **"geoTargetMarketList “**:[  {  **geoTargetMarketId**:  **geoTargetMarketNm**: Vancouver  },  {  **geoTargetMarketId**:  **geoTargetMarketNm**: Victoria  },  {  **geoTargetMarketId**:  **geoTargetMarketNm**: Kelowna  },  …..           ]       },       {            **"provinceStateTxt "**:"Alberta",          **"provinceStateCd"**:"ab",          **" geoTargetMarketList "**:[  {  **geoTargetMarketId**:  **geoTargetMarketNm**: Edmonton  },  {  **geoTargetMarketId**:  **geoTargetMarketNm**: Calgary  },  {  **geoTargetMarketId**:  **geoTargetMarketNm**: Red Deer  },  ….           ]       }    ],    **"status"**:{         **"statusCd"**:"200",       **"statusTxt"**:"OK",     } } |

## channel-by-channelCode (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /channel/{channelcode} | |
| **Method** | Get |
| **Description** | Provide Telus TV channel information based on specified order offer code, channel code and geo target market. |
| **Input** | **channelcode – channel code**  Parameters   |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | province | “bc” | Y | ProvinceState code | | geotargetmarket | “Vancouver” | Y | region | | offer | “MediaroomTV-HS”,  “MediaroomTV-HS2.0” | N | Order offer code \*  Default value: “MediaroomTV-HS2.0” |   \*offer: optivTV ordering offer, different with Falcon’s offer |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  <Channel>,  “status”: <status>  }  channel: see [channel](#_Channel_Model) Model  Example:  Input: /tv/reference/channel/AE?province=BC&geotargetmarket=Vancouver&offer=mediaroomtv-hs  {      **"channel"**:{         **"channelId"**:"101255",       **"channelNm"**:"A&E",       **"channelCd"**:"AE",       **"channelTxt"**:"A&E HD offers the hottest programs from hit real-life series to critically acclaimed original movies,dramatic series and some of the most successful justice shows on television.",       **"purchasableInd"**:true,       **"tvResolutionCd"**:"SD",  **"displayCategoryCdList"**:[            "1000"       ],       **"channelPriceAmt"**:null,       **"alaCarteInd"**:false,  **"offerCdList"**:[            "mediaroomtv-hs",  "mediaroomtv-hs2"       ]    },    **"status"**:{         **"statusCd"**:"200",       **"statusTxt"**:"OK"     } }  New: [Yilin]  {  "status": {  "statusCd": "200",  "statusTxt": "OK"  },  "channel": {  "channelId": "101266",  "channelNm": "Spike TV",  "channelCd": "TNN",  "channelTxt": "SPIKE provides content that inspires, thrills and entertains. Whether it's the artistic challenge of Ink Master, saving livelihoods in Bar Rescue, redefining the art of magic with Criss Angel's BeLIEve, or launching the toughest tournament in sports, Bellator MMA.",  "alaCarteInd": true,  "purchasableInd": true,  "tvResolution": [  {  "channelNum" : "390",  "channelType" : "HD"  },  {  "channelNum" : "9390",  "channelType" : "SD"  }  ],  "displayCategoryCdList": [  "1000",  "1014"  ],  "channelPriceAmt": 4,  "offerCdList": [  "MediaroomTV-HS",  "MediaroomTV-HS2.0"  ]  }  }  Get channel for BasePack “Lite”:  **URL example:**  <https://soa-mp-rmsk-dv01.tsl.telus.com/v1/cmo/selfmgmt/tv/reference/collection/Lite>  Response example:  {  "status": {  "statusCd": "200",  "statusTxt": "OK"  },  "collection": {  "collectionId": "-99",  "collectionNm": "Lite",  "collectionCd": "Lite",  "collectionTxt": ".",  "purchasableInd": false,  "rank": "",  "pricePlanCode": "theme pack (v1)",  "collectionCategory": null,  "priceModel": "Fixed",  "priceAmt": 25,  "promotionInd": false,  "promotionPriceAmt": null,  "downgradeableInd": false,  "exclusionCollectionCdList": null,  "dispCategoryCdList": null,  "mandatoryElementList": [ {  "collectionElementId": "-1",  "collectionElementNm": "Lite",  "collectionElementCd": "BasePack",  "collectionElementType": "Pack",  "collectionElementTxt": ".",  "collectionElementPriceAmt": 25,  "collectionElementPricePlanCd": "theme pack (v1)",  "collectionElementRank": null,  "displayCategories": ["0"],  "purchasableInd": false  }],  "optionalElementList": null,  "offerCdList": null  }  } |

## channels (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /channels | |
| **Method** | Get |
| **Description** | Provide Telus TV channel (a-la-cart) list based on geo target market and/or offer code, display category. |
| **Input** | Parameters   |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | province | “bc” | Y |  | | Geotargetmarket | “Vancouver” | Y |  | | offer | “MediaroomTV-HS”,  “MediaroomTV-HS2.0” | N | Default value: ‘MediaroomTV-HS 2.0’. | | displaycat | “1020”,  “1020,1001” | N | Accept set of display category ID.  Display category code, configured for each program for UI display group. All packs will be grouped by displaycat in service response. | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [ <Channel> ] ,  “status”: <status>  }    channel: see [channel](#_Channel_Model) Model  Example:  Input: /tv/reference/channels?displaycat=1020&province=BC&geotargetmarket=Vancouver&offer=MediaroomTV-HS2.0  {      **"ChannelList"**:[         {            **"channelId"**:"101140",          **"channelNm"**:"ATN Urdu",          **"channelCd"**:"ARY",          **"channelTxt"**:"ATN Urdu is committed to bringing high quality value based family television entertainment to the Urdu speaking community in Canada. The programming will include popular sitcoms, serials and highly interactive lifestyle and music programs, talk shows, religious programs and much more.",          **"purchasableInd"**:false,          **"tvResolutionCd"**:"SD",                    **"displayCategoryCdList"**:[               "1000",             "1019",             "1020"          ],          **"channelPriceAmt"**:7,          **"geoTargetMarketChannelNum"**:"2410",          **"alaCarteInd"**:true.  **"offerCdList"**:[  “mediaroomtv”        “mediaroomtv-hs2”        ]       },       {            **"channelId"**:"101126",          **"channelNm"**:"ATN",          **"channelCd"**:"ASTN",          **"channelTxt"**:"ATN features news, entertainment, movies, sports and special events for viewers of South-Asian origin. Enjoy a variety of programming in Punjabi, Hindi, and other languages.",          **"purchasableInd"**:false,          **"tvResolutionCd"**:"SD",          **"displayCategoryCdList"**:[               "1000",             "1020"          ],          **"channelPriceAmt"**:null,          **" geoTargetMarketChannelNum "**:"2303",          **"alaCarteInd"**:true,  **"offerCdList"**:[          “mediaroomtv-hs2”        ]       }    ],    **"status"**:{         **"statusCd"**:"200",       **"statusTxt"**:"OK"     } } |

## pack-by-packCode (GET)

|  |  |
| --- | --- |
| **OPERATION**  pack/{packcode} | |
| **Method** | Get |
| **Description** | Provide Telus TV pack information based on pack code, geo target market and/or order offer code. |
| **Input** | **packCode – theme pack code**  Parameters   |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | province | bc | Y | ProvinceState code | | geotargetmarket | “vancouver” | Y | Region | | offer | “MediaroomTV-HS”,  “MediaroomTV-HS2.0” | N | Offer default value is ‘MediaroomTV-HS 2.0’. | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  “status”: <status>,  < PackAggregate >  }  PackAggregate: see [Pack](#_Pack_Model) Model  Example:  Input: /tv/reference/pack/PakNewsNAmerica?province=BC&geotargetmarket=Vancouver  {  "**status**": {  "**statusCd**": "200",  "**statusTxt**": "OK"  },  "**packAggregate**": {  "**packId**": "705968",  "**packNm**": "Hollywood Suite",  "**packCd**": "PakHollywood",  "**packTypeCd**": "Normal",  "**packPriceAmt**": 6,  "**priceplanCd**": null,  "**packTXT**": "Hollywood Suite includes 4 HD movie channels for the true movie lover - uninterrupted, un-cut, unedited and uncensored plus Hollywood Suite On Demand, so you can watch the movies you want, wherever you want- on your TV, computer, smartphone or tablet.",  "**displayCategoryCdList**": [ "1006" ],  "**purchasableInd**": true,  "**promotionDiscountNum**": 0,  "**channelList**": [{  "**channelId**": "921009",  "**channelNm**": "Hollywood Suite On Demand",  "**channelCd**": "ChannelPD55",  "**channelTxt**": "The movies that shaped the 70s, 80s, 90s and 2000s whenever you want on Hollywood Suite On Demand, included with your Hollywood Suite subscription!",  "**alaCarteInd**": false,  "**purchasableInd**": null,  "**streamList**": [{  "**streamNum**": "430",  "**streamType**": "SVOD"  }],  "**displayCategoryCdList**": [ "1000" ],  "**channelPriceAmt**": null,  "**offerCdList**": []  },{  ...  }],  "**offerCdList**": null,  "**onPromotionInd**": false  }  }  } |

## packs (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /packs | |
| **Method** | Get |
| **Description** | Provide Telus TV pack list based on geo target market and/or order offer code, display category. |
| **Input** | Parameters   |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | province | “bc” | Y |  | | geotargetmarket | “victoria” | Y |  | | offer | “MediaroomTV-HS”,  “MediaroomTV-HS2.0” | N | Offer default value is ‘MediaroomTV-HS 2.0’ | | displaycat | “1001” | N | Display category code, configured for each program for UI display group. All packs will be grouped by displaycat in service response. | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [<PackAggregate> ] ,  “status”: <status>  }  PackAggregate: see [Pack](#_Pack_Model) Model  Example:  Input: /tv/reference/packs?province=BC&displaycat=1029&geotargetmarket=Vancouver&offer=MediaroomTV-HS2.0  {  "**status**": {  "**statusCd**": "200",  "**statusTxt**": "OK"  },  "**packAggregateList**": {  "**1029**": [{  "**packId**": "1218002",  "**packNm**": "Explore",  "**packCd**": "PakExplore",  "**packTypeCd**": "Normal",  "**packPriceAmt**": 7,  "**priceplanCd**": null,  "**packTXT**": ".",  "**displayCategoryCdList**": [ "1029" ],  "**purchasableInd**": true,  "**promotionDiscountNum**": 0,  "**channelList**": [{  "**channelId**": "101144",  "**channelNm**": "Animal Planet",  "**channelCd**": "Animal Planet",  "**channelTxt**": "Animal Planet captivates viewers with amazing stories about animals and the people who connect with them.",  "**alaCarteInd**": true,  "**purchasableInd**": true,  "**streamList**": [{  "**streamNum**": "721",  "**streamType**": "HD"  },{  "**streamNum**": "9721",  "**streamType**": "SD"  }],  "**displayCategoryCdList**": [ "1002", "1053" ],  "**channelPriceAmt**": 4,  "**offerCdList**": [ "MediaroomTV-HS", "MediaroomTV-HS2.0"]  }],  "**offerCdList**": null,  "**onPromotionInd**": false  },{  *... more …*  },{  *... more …*  }]  }  } |
|  |  |

## collection-by-collectionCode (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference/collection/{collectioncode} | |
| **Method** | Get |
| **Description** | Provide telus TV collection details based on collection code, geo target market and/or order offer code. |
| **Input** | |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | offer | “MediaroomTV-HS”,  “MediaroomTV-HS2.0”,  “TVX” | N | Order offer code, default value: “MediaroomTV-HS 2.0” | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  <Collection>,  “status”: <status>  }  Collection: see [Collection Model](#_Collection_Model)  Example:  Input: /tv/reference/collection/EssentialsCollection?province=BC&geotargetmarket=Vancouver  {  "**status**": {  "**statusCd**": "200",  "**statusTxt**": "OK"  },  "**collection**": {  "**collectionId**": "-5",  "**collectionNm**": "Essentials",  "**collectionCd**": "EssentialsCollection",  "**collectionTxt**": "All the basics at a great price",  "**purchasableInd**": false,  "**rank**": "",  "**pricePlanCode**": "",  "**collectionCategory**": "Pre - built",  "**priceModel**": "Fixed",  "**priceAmt**": 38,  "**promotionInd**": false,  "**promotionPriceAmt**": null,  "**downgradeableInd**": false,  "**exclusionCollectionCdList**": null,  "**dispCategoryCdList**": null,  "**mandatoryElementList**": [  {  "**collectionElementId**": "242",  "**collectionElementNm**": "Essentials2Pack",  "**collectionElementCd**": "Essentials2Pack",  "**collectionElementType**": "Pack",  "**collectionElementTxt**": "Essential2Pack channels included",  "**collectionElementPriceAmt**": 38,  "**collectionElementPricePlanCd**": "theme pack (v1)",  "**collectionElementRank**": null,  "**displayCategories**": [  "1000"  ],  "**purchasableInd**": false  }  ],  "**optionalElementList**": null,  "**offerCdList**": [  "MediaroomTV-HS",  "MediaroomTV-HS2.0"  ]  }  } |

## collections (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /collections | |
| **Method** | Get |
| **Description** | Provide telus TV collection/combo information. |
| **Input** | |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | offer | “MediaroomTV-HS”,  “MediaroomTV-HS2.0” | N | Order offer code, default value: “MediaroomTV-HS 2.0” | | collectionCategory |  | N | Defines collection type/group, used in to implement downgrade logics.  It is defined in */data/collections/collection/collectionCategory.* | | displayCat |  | N | Configured for each program for UI display group. All packs in collection optional list will be grouped by displaycat in service response | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [ <Collection> ] ,  “status”: <status>  }  Collection see [Collection Model](#_Collection_Model)  Example:  [  Collections:  {  "collectionId": "21",  "collectionNm": "combo 2",  "collectionCd": "combo 2",  "collectionTxt": "combo 2",  "purchasableInd": true,  "collectionCategory": "Second",  "rank": "3500",  "priceModel": "Fixed",  "priceAmt": 25,  "pricePlanCode": null,  "promotionInd": false,  "promotionPriceAmt": 0,  "downgradeableInd": true,  "exclusionCollectionCdList":  [  "LargeChoiceCombo1",  "MediumChoiceCombo2",  "Xlargechoicecombo"  ],  **"**displayCategoryCdList**"**:[             "1000"        ],  "mandatoryElementList":  [  {  "collectionElementId": "67",  "collectionElementNm": "ATN B4U Movies",  "collectionElementCd": "50552",  "collectionElementType": "Pack",  "collectionElementTxt": " ",  "collectionElementPriceAmt": 9,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": null  },  {  "collectionElementId": "68",  "collectionElementNm": "ATN Sony TV",  "collectionElementCd": "52847",  "collectionElementType": "Pack",  "collectionElementTxt": " ",  "collectionElementPriceAmt": 9,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": null  },  {  "collectionElementId": "69",  "collectionElementNm": "ATN Alpha ETC Punjabi",  "collectionElementCd": "50551",  "collectionElementType": "Pack",  "collectionElementTxt": "",  "collectionElementPriceAmt": 9,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": null  }  ],  "optionalElementList":  [  "1007":            [    {  "optionalListId": "27",  "optionalListNm": "21129989",  "optionalListRank": "1",  "minSize": 3,  "collectionElementList":  [  {  "collectionElementId": "319",  "collectionElementNm": "Popular Choices",  "collectionElementCd": " ", "collectionElementType": "Pack",  "collectionElementTxt": "Facts and fun.",  "collectionElementPriceAmt": 4,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": 1,  "purchasable": true  },  {  "collectionElementId": "320",  "collectionElementNm": "Adventure",  "collectionElementCd": " ", "collectionElementType": "Pack",  "collectionElementTxt": "",  "collectionElementPriceAmt": 4,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": 2,  "purchasable": true  },  ....  ]  },  {  "optionalListId": "28",  "optionalListNm": "21129779",  "optionalListRank": "2",  "minSize": 5,  "collectionElementList":  [  {  "collectionElementId": "325",  "collectionElementNm": "ATN Aastha",  "collectionElementCd": " ", "collectionElementType": "Pack",  "collectionElementTxt": "Facts and fun.",  "collectionElementPriceAmt": 4,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": 1,  "purchasable": true  },  {  "collectionElementId": "326",  "collectionElementNm": "ABP News",  "collectionElementCd": " ", "collectionElementType": "Pack",  "collectionElementTxt": "",  "collectionElementPriceAmt": 4,  "collectionElementPricePlanCd": "441343",  "collectionElementRank": 2,  "purchasable": true  },  ....  ]  },  ]  ....  ]  }  ] |
|  |  |

## program-search (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference/program | |
| **Method** | Get |
| **Description** | Retrieve Telus TV channels, packs and collections based on following search criteria:   1. Search-category id 2. Program name 3. ~~Description~~ 4. ~~channelCode~~ 5. ~~packCode~~ |
| **Input** | |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | province | BC, AB | Y |  | | geotargetmarket | vancouver, victoria | Y |  | | searchtype | ~~searchCat,~~  name,  ~~description,~~  ~~channel,~~  ~~pack~~ | Y |  | | searchvalue |  | Y | **~~searchCat~~**~~: searchCat\_id~~  **~~name~~**~~: program’s name~~  **~~description~~**~~: program’s description~~  **~~channel~~**~~: channelCode~~  **~~pack~~**~~: packCode~~ | | offer | MediaroomTV-HS  MediaroomTV-HS 2.0 | N | Default value is **MediaroomTV-HS 2.0**. | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  “programSearchResult” : {  [<ChannelSearchResultItem> ] ,  [<PackSearchResultItem> ] ,  [<CollectionSearchResultItem>],  }  “status”: <status>  }  ChannelSearchResultItem: see [Channel Model](#_Channel_Model)  PackSearchResultItem: see [Pack Model](#_Pack_Model)  ~~CollectionSearchResultItem~~  Example:  Existing: /tv/program?searchPhrase=south&province=bc&region=Vancouver  New:  /tv/reference/program?province=bc&geotargetmarket=Vancouver&serchtype=name&searchvalue=news  \*note:  1) Following response only contain part of whole response based on above request, just provide clear response structure.  2) **SearchMatchInd** only will be valued in <packSearchResultItem> list, not in <channelSearchResultItem> list, because all a la cart channels are matched to search request.  {       **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     },  **"programSearchResult"**:{        **"packSearchResultItem"**:{            **"1002"**:[               {                   **"packId"**:"101272",                 **"packNm"**:"CTV News Channel",                 **"packCd"**:"CTV NN",                 **"packPriceAmt"**:4,                 **"priceplanCd"**:"theme pack (v1)",                 **"packTXT"**:"24 hours a day, CTV News Channel HD draws on the vast resources of Canada's #1 news organization, CTV News, to deliver breaking news the second it happens from communities across Canada and around the world.",                 **"displayCategoryCdList"**:[                       "1002"                 ],                 **"purchasableInd"**:true,                 **"onPromotionInd"**:false,                 **"promotionDiscountNum"**:0,                 **"channelList"**:[                       {                           **"channelId"**:"706087",                         **"channelNm"**:"CTV News Channel HD",                         **"channelCd"**:"ChannelPD4",                         **"channelTxt"**:"24 hours a day, CTV News Channel HD draws on the vast resources of Canada's #1 news organization, CTV News, to deliver breaking news the second it happens from communities across Canada and around the world.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"801",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     },                     {                           **"channelId"**:"1124008",                         **"channelNm"**:"CTV News Channel SD",                         **"channelCd"**:"Old CTV NN",                         **"channelTxt"**:"24 hours a day, CTV News Channel HD draws on the vast resources of Canada's #1 news organization, CTV News, to deliver breaking news the second it happens from communities across Canada and around the world.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9801",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     }                 ],                 **"offerCdList"**:[                       "MediaroomTV-HS",                     "MediaroomTV-HS2.0"                 ]             },             {                   **"packId"**:"101275",                 **"packNm"**:"Bloomberg Television",                 **"packCd"**:"Bloomberg",                 **"packPriceAmt"**:4,                 **"priceplanCd"**:"theme pack (v1)",                 **"packTXT"**:"Bloomberg Television is based on the power of Bloomberg News, a global infrastructure of some of the world's best business reporters. Bloomberg Television delivers the most timely, accurate and concise business news coverage, together with context and insights based on unbiased information.",                 **"displayCategoryCdList"**:[                       "1002"                 ],                 **"purchasableInd"**:true,                 **"onPromotionInd"**:false,                 **"promotionDiscountNum"**:0,                 **"channelList"**:[                       {                           **"channelId"**:"751002",                         **"channelNm"**:"Bloomberg HD",                         **"channelCd"**:"Bloomberg HD",                         **"channelTxt"**:"Bloomberg Television is based on the power of Bloomberg News, a global infrastructure of some of the world's best business reporters. Bloomberg Television delivers the most timely, accurate and concise business news coverage, together with context and insights based on unbiased information.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"817",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"1124002",                         **"channelNm"**:"Bloomberg SD",                         **"channelCd"**:"Old Bloomberg",                         **"channelTxt"**:"Bloomberg Television is based on the power of Bloomberg News, a global infrastructure of some of the world's best business reporters. Bloomberg Television delivers the most timely, accurate and concise business news coverage, together with context and insights based on unbiased information.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9817",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     }                 ],                 **"offerCdList"**:[                       "MediaroomTV-HS",                     "MediaroomTV-HS2.0"                 ]             }         ],         **"1006"**:[               {                   **"packId"**:"620392",                 **"packNm"**:"Super Channel",                 **"packCd"**:"PakSuperChannel",                 **"packPriceAmt"**:18,                 **"priceplanCd"**:"441343",                 **"packTXT"**:"Movies, series, Showtime Championship Boxing & Strikeforce MMA, documentaries, concerts, anime, and much more.",                 **"displayCategoryCdList"**:[                       "1006"                 ],                 **"purchasableInd"**:true,                 **"onPromotionInd"**:false,                 **"promotionDiscountNum"**:0,                 **"channelList"**:[                       {                           **"channelId"**:"706049",                         **"channelNm"**:"Super Channel 4 HD",                         **"channelCd"**:"ChannelPD13",                         **"channelTxt"**:"Super Channel 4 will take hold of your roots with premium programming shot and produced in Canada as well as Canadian themed content.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"420",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"912042",                         **"channelNm"**:"My 9 New York HD",                         **"channelCd"**:"ChannelPD24",                         **"channelTxt"**:"My 9 New York is the flagship television station of the MyNetworkTV programming service.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"275",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"706086",                         **"channelNm"**:"Super Channel 3 HD",                         **"channelCd"**:"ChannelPD9",                         **"channelTxt"**:"Super Channel 3 includes intelligent documentaries, quirky comedies, and addicting drama series. If you're looking to add a little culture to your TV line-up, enjoy an award-winning selection of international film festival hits and the best of Bollywood.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"419",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"101202",                         **"channelNm"**:"CW Los Angeles",                         **"channelCd"**:"KTLA",                         **"channelTxt"**:"The CW Network was formed as a joint venture between Warner Bros. Entertainment and CBS Corporation.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9145",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     },                     {                           **"channelId"**:"700548",                         **"channelNm"**:"CW Los Angeles HD",                         **"channelCd"**:"KTLA HD",                         **"channelTxt"**:"The CW Network was formed as a joint venture between Warner Bros. Entertainment and CBS Corporation.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"145",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"620320",                         **"channelNm"**:"Super Channel 1",                         **"channelCd"**:"Super Ch1",                         **"channelTxt"**:"Super Channel 1 offers a broad sampling of programs across genres, a round-up of the best Super Channel has to offer.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9417",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"620330",                         **"channelNm"**:"Super Channel 1 HD",                         **"channelCd"**:"Super Ch1 HD",                         **"channelTxt"**:"Super Channel HD 1 mirrors the programming of Super Channel 1 in High Defintion.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"417",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"620316",                         **"channelNm"**:"Super Channel 2",                         **"channelCd"**:"Super Ch2",                         **"channelTxt"**:"Super Channel 2 features action, horror, sci-fi, extreme sports, dark and explicit comedies, as well as gaming, anime and music.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9418",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"620331",                         **"channelNm"**:"Super Channel 2 HD",                         **"channelCd"**:"Super Ch2 HD",                         **"channelTxt"**:"If you're looking for even more HD, check out Super Channel HD 2 for an eclectic selection of movies, series & televised events from every genre. Crystal-clear and always razor-sharp.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"418",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"620315",                         **"channelNm"**:"Super Channel 3",                         **"channelCd"**:"Super Ch3",                         **"channelTxt"**:"Super Channel 3 includes intelligent documentaries, quirky comedies, and addicting drama series. If you're looking to add a little culture to your TV line-up, enjoy an award-winning selection of international film festival hits and the best of Bollywood.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9419",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"620324",                         **"channelNm"**:"Super Channel 4",                         **"channelCd"**:"Super Ch4",                         **"channelTxt"**:"Super Channel 4 will take hold of your roots with premium programming shot and produced in Canada as well as Canadian themed content.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9420",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"101205",                         **"channelNm"**:"CW Chicago",                         **"channelCd"**:"WGN",                         **"channelTxt"**:"The Chicago Superstation features the White Sox, Cubs & the Bulls, movies, plus classic series.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9285",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     },                     {                           **"channelId"**:"101213",                         **"channelNm"**:"CW Chicago HD",                         **"channelCd"**:"WGN HD",                         **"channelTxt"**:"The Chicago Superstation features the White Sox, Cubs & the Bulls, movies, plus classic series.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"285",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"101206",                         **"channelNm"**:"CW New York",                         **"channelCd"**:"WPIX",                         **"channelTxt"**:"Prime time programming, award winning news, hit movies, first-run programs, off-network sitcom favorites, quality children's programming and public affairs shows, as well as outstanding event coverage.   CW New York is the official broadcast television home of the New York Mets since 1999.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9286",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     },                     {                           **"channelId"**:"700549",                         **"channelNm"**:"CW New York HD",                         **"channelCd"**:"WPIX HD",                         **"channelTxt"**:"Prime time programming, award winning news, hit movies, first-run programs, off-network sitcom favorites, quality children's programming and public affairs shows, as well as outstanding event coverage.CW New York is the official broadcast television home of the New York Mets since 1999.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"286",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"101207",                         **"channelNm"**:"TV38 Boston",                         **"channelCd"**:"WSBK",                         **"channelTxt"**:"TV 38 Boston is the flagship television station of the MyNetworkTV programming service.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9280",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     },                     {                           **"channelId"**:"700547",                         **"channelNm"**:"TV38 Boston HD",                         **"channelCd"**:"WSBK HD",                         **"channelTxt"**:"TV 38 Boston is the flagship television station of the MyNetworkTV programming service.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"HD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"280",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:false                     },                     {                           **"channelId"**:"101208",                         **"channelNm"**:"My 9 New York",                         **"channelCd"**:"WWOR",                         **"channelTxt"**:"My 9 New York is the flagship television station of the MyNetworkTV programming service.",                         **"alaCarteInd"**:false,                         **"purchasableInd"**:null,                         **"tvResolutionCd"**:"SD",                         **"displayCategoryCdList"**:[                               "1000"                         ],                         **"channelPriceAmt"**:null,                         **"geoTargetMarketChannelNum"**:"9275",                         **"offerCdList"**:[                            ],                         **"searchMatchInd"**:true                     }                 ],                 **"offerCdList"**:[                       "MediaroomTV-HS",                     "MediaroomTV-HS2.0"                 ]             }         ]     },     **"channelSearchResultItem"**:[           {               **"channelId"**:"101145",             **"channelNm"**:"BBC Canada",             **"channelCd"**:"BBC Canada",             **"channelTxt"**:"In partnership with the world renowned BBC, BBC Canada offers access to never before seen programs in Canada like the hugely popular Top Gear and The Jonathan Ross Show.",             **"alaCarteInd"**:true,             **"purchasableInd"**:true,             **"tvResolutionCd"**:"SD",             **"displayCategoryCdList"**:[                   "1002",                 "1000"             ],             **"channelPriceAmt"**:4,             **"geoTargetMarketChannelNum"**:"376",             **"offerCdList"**:[                   "MediaroomTV-HS",                 "MediaroomTV-HS2.0"             ],             **"searchMatchInd"**:null         },         {               **"channelId"**:"101139",             **"channelNm"**:"CBN",             **"channelCd"**:"CBN",             **"channelTxt"**:"CBN (Commonwealth Broadcasting Network) serves the Caribbean community in Canada and provides general entertainment in English. Features comprehensive news, entertainment, dramas and sporting events from the Caribbean region and Africa and includes year round cricket events.",             **"alaCarteInd"**:true,             **"purchasableInd"**:false,             **"tvResolutionCd"**:"SD",             **"displayCategoryCdList"**:[                   "1020"             ],             **"channelPriceAmt"**:7,             **"geoTargetMarketChannelNum"**:"2371",             **"offerCdList"**:[                   "MediaroomTV-HS",                 "MediaroomTV-HS2.0"             ],             **"searchMatchInd"**:null         },         {               **"channelId"**:"101141",             **"channelNm"**:"EuroNews",             **"channelCd"**:"EuroNews",             **"channelTxt"**:"EuroNews covers world news from a European perspective, in the English language.",             **"alaCarteInd"**:true,             **"purchasableInd"**:true,             **"tvResolutionCd"**:"SD",             **"displayCategoryCdList"**:[                   "1000",                 "1018"             ],             **"channelPriceAmt"**:2,             **"geoTargetMarketChannelNum"**:"831",             **"offerCdList"**:[                   "MediaroomTV-HS",                 "MediaroomTV-HS2.0"             ],             **"searchMatchInd"**:null         }     ]  } } |
| **Note** | ~~For search type = ‘searchCat’:~~  ~~Retrieve all channel/pack/collection which their ‘searchCat’~~ **~~match~~**~~(s) search value.~~  For search type = ‘name’:  Retrieve following programs:  Channel -  All **a la cart channels** (available in that geo range) which name contains search value.  All a la cart channels (available in that geo range) which search category contains search value.  Pack -  All packs which name contains search value and are available in that geo range.  All packs which included channels (if channels name contains search value) and are available in that geo range.  ~~Collection -~~  ~~All collections which name contains search value.~~  ~~All collections which include channels or packs which name contain search value.~~  Plus: all packs in Pack sector will be grouped by display category. (requested by UI)  ~~For search type = ‘description’:~~  ~~All programs (channel/pack/collection) which description contains search value.~~  ~~For search type = ‘channelcode’:~~  ~~Retrieve specified channel/pack exactly match input, and all~~ *~~related\*~~* ~~packs/collections.~~  ~~\*Definition of related packs/collections: (1) which Packs the Channel is a member of, and (2) which Collections the Channel is a directly element (mandatory/optional) of. Defined in <channel>/<packCodes> and <channel>/<collectionCodes>.~~  ~~For search type = ‘packcode’:~~  ~~Retrieve specified pack exactly match input, and all~~ *~~related\*\*~~* ~~collections.~~  ~~\*\*Definition of related collection: which collections the pack is directly member (mandatory/optional) of. Defined in <pack>/<collectionCodes>.~~  ====  Existing logic in 1.0:  ***Channels***: retrieve all a-la-cart channels based on geo-region, if:   1. Channel name contains searchPhase; 2. Channel’s search-category contains (not only equals) searchPhase.   ***Packs***: retrieve all pack aggregations based on geo-region, if:   1. Pack’s name contains searchphase ; 2. Pack’s search-category contains searchphase; 3. Any of above channel(s) is included in that pack, the pack will be retrieved as well. |

## displayCategories (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /displaycategories | |
| **Method** | Get |
| **Description** | Provide Telus TV display-category list information. |
| **Input** | **N/a** |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [ <TVDisplayCategory> ] ,  “status”: <status>  }  TVDisplayCategory:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | displayCategoryId | string |  |  | | displayCategoryCd | string |  |  | | displayCategoryNm | string |  |  |   Example:  {      **"tvDisplayCategoryList"**:[         {            **"displayCategoryId"**:"1948",          **"displayCategoryCd"**:"1000",          **"displayCategoryNm"**:"All Channels"       },       {            **"displayCategoryId"**:"1944",          **"displayCategoryCd"**:"1001",          **"displayCategoryNm"**:"French"       },       {            **"displayCategoryId"**:"1946",          **"displayCategoryCd"**:"1002",          **"displayCategoryNm"**:"Individual"       }    ],    **"status"**:{         **"statusCd"**:"200",       **"statusTxt"**:"OK"    } } |

## searchCategories (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/reference/searchcategories | |
| **Method** | Get |
| **Description** | Provide Telus TV search-category (marketing category) list information. |
| **Input** | **N/a** |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [ <TVSearchCategory> ] ,  “status”: <status>  }  TVSearchCategory:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | searchCategoryId | string |  |  | | searchCategoryNm | string |  |  |   Example:  {      **"tvSearchCategoryList"**:[         {            **"searchCategoryId"**:"1304",  **"searchCategoryNm"**:"Family"       },       {            **"searchCategoryId "**:"1301",          **"searchCategoryNm "**:"Sports"       },       ….     ],    **"status"**:{         **"statusCd"**:"200",       **"statusTxt"**:"OK"    } } |

## ~~promotions (GET)~~

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /promotions | |
| **Method** | Get |
| **Description** | Retrieve Telus TV currently promotions (for all customers, by geo region) information. |
| **Input** | Parameters   |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | province |  | Y |  | | geotargetmarket |  | Y |  | |
| **Status Codes**  **Future Implementation** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [<promotion> ] ,  “status”: <status>  }  promotion:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | promotionId | string |  |  | | promotionTitle | string |  |  | | promoCategories | Array of <String> |  | preview (?) | | collectionList | Array of<Collection> |  |  | | packList | Array of <Pack> |  |  | | channelList | Array of <Channel> |  |  |   Collection see [Collection](#_Collection_Model) Model  Pack: see [Pack](#_Pack_Model) model  Channel: see [Channel](#_Channel_Model) Model  Example:  Input: /tv/reference/promotions?province=bc&region=Vancouver  {       **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     },     **"promotionList"**:[           {               **"promotionId"**:"1834",             **"promotionTitle"**:"COLLECTION\_CODE",             **"promoCategories "**:[                   "preview"             ],             **"collectionList"**:[                ],             **"packList"**:[                   {                       **"packId"**:"101144",                     **"packNm"**:"Animal Planet",                     **"packCd"**:"Animal Planet",                     **"packPriceAmt"**:4,                     **"priceplanCd"**:"31879",                     **"packTXT"**:"Animal Planet captivates viewers with amazing stories about animals and the people who connect with them.",                     **"displayCategoryCdList"**:[                           "1002",                         "1000"                     ],                     **"purchasableInd"**:true,                     **"channelList"**:[                           {                               **"channelId"**:"705967",                             **"channelNm"**:"Sony Movie Channel",                             **"channelCd"**:"HW Festival",                             **"channelTxt"**:"A movie network created specifically for the Hollywood movie fan, featuring award-winning films, cult favorites, family comedies and gripping dramas.",                             **"purchasableInd"**:null,                             **"tvResolutionCd"**:"SD",                             **"displayCategoryCdList"**:[                                   "1000"                             ],                             **"channelPriceAmt"**:null,                             **" geoTargetMarketChannelNum "**:"428",                             **"alaCarteInd"**:false,                             **"offerCdList"**:[                                   "mediaroomtv-hs2"                             ]                         },                         {                               **"channelId"**:"705959",                             **"channelNm"**:"AXN Movies",                             **"channelCd"**:"HW Storm",                             **"channelTxt"**:"Delivers high octane, edge-of-your-seat movies.",                             **"purchasableInd"**:null,                             **"tvResolutionCd"**:"SD",                             **"displayCategoryCdList"**:[                                   "1000"                             ],                             **"channelPriceAmt"**:null,                             **" geoTargetMarketChannelNum "**:"429",                             **"alaCarteInd"**:false,                             **"offerCdList"**:[                                   "mediaroomtv-hs2"                             ]                         }                     ],                     **"onPromotionInd"**:false,                     **"promotionalDiscountNum"**:0,                     **"offerCdList"**:[                           "mediaroomtv-hs",                         "mediaroomtv-hs2"                     ]                 }             ],             **"channelList"**:[                   {                       **"channelId"**:"873004",                     **"channelNm"**:"ABC Spark HD",                     **"channelCd"**:"ABC Spark HD",                     **"channelTxt"**:"ABC Spark is a television channel featuring a unique blend of authentic and compelling entertainment - with diverse stories and relationships that are passionate, honest and real - all told with optimism, humour and heart. ABC Spark. Life just got brighter.",                     **"alaCarteInd"**:false,                     **"purchasableInd"**:null,                     **"tvResolutionCd"**:"HD",                     **"displayCategories"**:[                        ],                     **"channelPriceAmt"**:null,                     **"geoTargetMarketChannelNum"**:"327",                     **"offerCdList"**:[                           "MediaroomTV-HS",                         "MediaroomTV-HS 2.0"                     ]                 },                 {                       **"channelId"**:"101381",                     **"channelNm"**:"ABC Boston HD",                     **"channelCd"**:"ABCEHD",                     **"channelTxt"**:"ABC is a popular choice for entertainment, with soaps, game shows, prime-time dramas and movies. Good Morning America and 20/20 are among the most-watched information programs. All of the ABC programming on the Toronto (Boston) Time Zone.",                     **"alaCarteInd"**:false,                     **"purchasableInd"**:null,                     **"tvResolutionCd"**:"HD",                     **"displayCategories"**:[                           "1000"                     ],                     **"channelPriceAmt"**:null,                     **"geoTargetMarketChannelNum"**:"250",                     **"offerCdList"**:[                           "HELLO",                         "MediaroomTV-HS 2.0"                     ]                 }             ]         },         {               **"promotionId"**:"1826",             **"promotionTitle"**:"Free Preview BBC Kids",             **"promoCategories"**:[                   "preview"             ],             **"collectionList"**:[                ],             **"packList"**:[                ],             **"channelList"**:[                   {                       **"channelId"**:"101146",                     **"channelNm"**:"BBC Kids",                     **"channelCd"**:"BBCK",                     **"channelTxt"**:"BBC Kids is Canada's destination for 100% commercial-free fun for kids from their twos to teens. With programming that's 'As Original as Kids Are', BBC Kids features a wildly entertaining mix of premium-quality shows from the UK and around the world.",                     **"alaCarteInd"**:true,                     **"purchasableInd"**:true,                     **"tvResolutionCd"**:"SD",                     **"displayCategories"**:[                           "1002",                         "1000"                     ],                     **"channelPriceAmt"**:4,                     **"geoTargetMarketChannelNum"**:"631",                     **"offerCdList"**:[                           "MediaroomTV-HS",                         "MediaroomTV-HS 2.0"                     ]                 }             ]         }     ] }  **Future Implementation**  **Future Implementation**  **Future Implementation** |

## ~~notifications (GET)~~

|  |  |
| --- | --- |
| **OPERATION**  tv/reference /notifications | |
| **Method** | Get |
| **Description** | Provide Telus TV general notifications (for all customers). |
| **Input** | n/a |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  [<TVNotification> ] ,  “status”: <status>  }  TVNotification:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | notificationId | string |  |  | | notificationTitle | string |  |  | | notificationTxt | string |  |  |   Example:  {      **"tvNotificationList"**:[         {            **"notificationId"**:"634",          **"notificationTitle"**:"AMC channel move",          **"notificationTxt"**:"As of April 11, 2014, AMC will be moving to channel 303 in the Entertainment category. Recordings, settings and subscription will not be affected by the channel number change. AMC On Demand by pressing On Demand and navigating to TV On Demand/Entertainment/AMC On Demand."       },       {            **"notificationId"**:"635",          **"notificationTitle"**:"SPEED & Big Ten",          **"notificationTxt"**:"As of May 30, 2014, SPEED (Ch. 933/9933) and as of July 1, 2014, Big Ten Network (Ch. 939/9939) will no longer be available on Optik TV. All other channels in the Sports and Sports Extra theme packs remain unchanged.  Thank you."       }    ],    **"status"**:{         **"statusCd"**:"200",       **"statusTxt"**:"OK"    } }  **Future Implementation** |

# TVSubscription REST Service

This service provides customer’s Telus TV subscription information.

## tv-subscription-info (GET)

|  |  |
| --- | --- |
| **OPERATION**  tv/subscription/account/{ban}/productinstance/{tvproductinstanceid} | |
| **Method** | Get |
| **Description** | Retrieve customer’s subscription based on BAN and product instance ID. |
| **Input** | **ban**: account number  **tvproductinstanceid:** Telus TV product instance ID, unique id represents customer’s TV product information.   |  |  |  |  | | --- | --- | --- | --- | | **Name** | **Values** | **Mandatory?** | **Comments** | | customerId | “73101941” | N | Customer ID | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | General Error |  |  | Any caught exception not captured elsewhere | | 500 |  | Call OrderMgmtRetrieval Service Failed |  |  | service Policy or Service Exception error | | 500 |  | Call ConsumerCustomerMgmt Service Failed |  |  | service Policy or Service Exception error | | 400 | 103 | Legacy Discount |  |  | Customer has out-of-scope (“legacy”) discounts: Displays error advising the customer to call 310-MYTV and exits the app. | | 400 | 104 | Invalid Collection Dependency Rule |  |  | Customer has Combo discount but does not meet combo (grandfathered or new) requirements: Displays error advising the customer to call 310-MYTV and exits the app. | | 400 | 106 | Invalid Product Dependency Rule |  |  | Customer has pack or channel without having requisite pack/ packs or channel: Displays error advising the customer to call 310-MYTV and exits the app. | | 400 | 107 | Has both 'All in Combo' and 'Best of HD pack' |  |  | Customer has invalid subscription: subscribes to both All in Combo and Best of HD pack | | 400 | IPID | Invalid Product Instance ID |  |  | Product instance id is empty | | 400 | IB | Invalid BAN |  |  | BAN is invalid | |
| **Output** | {  “subscription”: <subscription> ,  “status”: <status>  }  subscription:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | provinceCode | string | Province |  | | geoTargetMarket | string | region |  | | offerCd | string | Offer type code | MediaroomTV-HS  MediaroomTV-HS 2.0 | | collectionList | Array of <Collection> |  |  | | packList | Array of <Pack> |  |  | | channelList | Array of <Channel> |  |  | | discountList | Array of <ProductDiscount> |  |  | | unremovableProductCodeList | Array of <string> |  |  |   collection   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | collectionId | string | Collection ID |  | | collectionNm | string | Collection name |  | | collectionCd | string | Collection code |  | | collectionTxt | string | Collection description |  | | purchasableInd | Boolean |  |  | | purchaseDate | Date |  |  | | rank | number |  |  | | pricePlanCode | string |  |  | | collectionCategory (new) | string | Determine collection is curated or flex | Theme packs (?)  Second (?) | | priceAmt | double | This value calculated by this service; |  | | promotionInd (new) | Boolean | Future use |  | | promotionPriceAmt (new) | double | Future use |  | | dispCategoryList | Array of <string> |  |  | | selectedPackList | Array of <pack> | Packs chosen in this collection by customer |  | | selectedChannelList | Array of <channel> | Channels chosen in this collection by customer |  |   pack:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | packId | string | Pack ID |  | | packNm | string | Pack Name |  | | packCd | string | Pack Code |  | | packPriceAmt | Double |  |  | | pricePlanCd | string | Price plan code |  | | grandfatheredPricePlanCd | string | Price plan code  (Not apply for 2.0 programs |  | | packTxt | String | Pack description |  | | displayCategoryCdList | Array of <string> |  |  | | purchasableInd | Boolean |  |  | | purchaseDate | Date |  |  | | promotionDiscountNum | double | future use |  | | onPromotionInd | boolean | future use |  | | packTypeCd | String |  | Essential,Normal |   channel:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | channelId | string | Channel ID |  | | channelNm | string | Channel Number |  | | channelCd | string | Channel Code |  | | channelTxt | String | Channel name |  | | purchasableInd | Boolean |  |  | | purchaseDate | Date |  |  | | displayCategoryCdList | Array of <string> | Display category code list |  | | channelPriceAmt | Double | Channel price (\*tie to offer in future) |  | | ~~geoTargetMarketChannelNum~~ | ~~string~~ | ~~The channel number for a specific geo target market~~ |  | | alaCarteInd | boolean |  |  |   productDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   **Response Sample**:  {  "tvSubscription": {  "provinceCd": "BC",  "geoTargetMarket": "Vancouver",  "offerCd": "MediaroomTV-HS2.0",  "collectionList": {  "collection": {  "collectionId": "47",  "collectionNm": "You Pick 8 & Movies",  "collectionCd": "YouPick8Movies",  "collectionTxt": ".",  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "rank": "9000",  "pricePlanCode": "",  "collectionCategory": "Build Your Own",  "priceAmt": "90.0",  "promotionInd": "NO",  "dispCategoryCdList": "1680",  "selectedPackList": [  {  "packId": "1218029",  "packNm": "Adventure & Beyond",  "packCd": "PakAdventBeyond",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1028"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218014",  "packNm": "Blockbusters",  "packCd": "PakBlockbusters",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategories": {  "displayCategory": "1023"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218002",  "packNm": "Explore",  "packCd": "PakExplore",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1029"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218036",  "packNm": "Family Time",  "packCd": "PakFamilyTime",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1024"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218001",  "packNm": "Favourite Films",  "packCd": "PakFavourFilms",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1023"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218006",  "packNm": "Good Times",  "packCd": "PakGoodTimes",  "price": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1023"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218012",  "packNm": "Kids Time",  "packCd": "PakKidsTime",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1024"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218016",  "packNm": "Knowledge",  "packCd": "PakKnowledge",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1029"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "1218005",  "packNm": "Lifestyle & Beyond",  "packCd": "PakLifeBeyond",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1026"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  },  {  "packId": "101199",  "packNm": "Movie 4 Pack",  "packCd": "PakMovie4",  "packPriceAmt": "18.0",  "packTxt": "Movie Central, HBO Canada and 5 US superstations.",  "displayCategoryCdList": {  "displayCategory": "1007"  },  "purchasableInd": "YES",  "purchaseDate": "2016-12-08T19:01:00-05:00",  "onPromotionInd": "NO"  }  ],  "selectedChannelList": null  }  },  "packList": [  {  "packId": "1218015",  "packNm": "Living",  "packCd": "PakLiving",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1026"  },  "purchasableInd": "YES",  "onPromotionInd": "NO"  },  {  "packId": "1218030",  "packNm": "Medley",  "packCd": "PakMedley",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1023"  },  "purchasableInd": "YES",  "onPromotionInd": "NO"  },  {  "packId": "1218028",  "packNm": "More Sports",  "packCd": "PakMoreSports",  "packPriceAmt": "7.0",  "packTxt": ".",  "displayCategoryCdList": {  "displayCategory": "1028"  },  "purchasableInd": "YES",  "onPromotionInd": "NO"  }  ],  "channelList": null,  "discountList": [  {  "discountId": "1562",  "discountNm": "French SD Discount",  "discountCd": "38282",  "discountType": "pack",  "discountTxt": "Take 3 French Theme Packs for $10.00",  "discountAmt": "5.0"  }  ]  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  } |
| **SLA** | Services/APIs called:   |  |  | | --- | --- | | **Service/operation** | **SLA** | | **ConsumerCustomerManagementService v2.3**  quickSearchCustomer  **OrderMgmtRetrievalService v6.0**  getProductInstanceForNegotiationByProductInstanceId |  | |

TVX Design for July release:

1. No interface(request/response) change
2. Service team will hardcode the content of TVX combo, packs and channels.
3. If customer offer type is "TVX" (we get from OP service), then service need read TV program info from hardcoded TVX list instead of XML Cache file.
4. Service will return whatever value we get from OP for collection code, pack code or channel code, even there is space in it. The entity will not be returned for the code that cannot be found in the TV X content master table
5. The collectionList/collection/selectedPackList and collectionList/collection/selectedChannelList will be always null or empty. Combo’s included packs and channels will be returned in packList and channelList. This is only logic change for TVX, everything else remain the same.

**Response examples:**

Basic + Pick 5 collection + total 5 TVX channels

{

"status": {

"statusCd": "200",

"statusTxt": "OK"

},

"subscription": {

"provinceCode": "AB",

"geoTargetMarket": "Grande Prairie",

"offerCd": "TVX",

"collectionList": {

"collectionId": "1",

"collectionNm": "Prime Time and My 5",

"collectionCd": "Pick5",

"collectionTxt": "Prime Time and My 5",

"purchasableInd": "true",

"rank": "1",

"pricePlanCode": null,

"collectionCategory": null,

"priceAmt": "25.0",

"promotionInd": "false",

"dispCategoryCdList": "1680",

"selectedPackList": null,

"selectedChannelList": null

},

"packList": [

{

"packId": null,

"packNm": "Prime Time",

"packCd": "TVXBasic",

"packPriceAmt": "0.0",

"packTxt": "Prime Time",

"displayCategoryCdList": “1680”,

"purchasableInd": "false",

"onPromotionInd": "false"

}

],

"channelList": [

{

"channelId": "1",

"channelNm": "AMC",

"channelCd": "AMC",

"channelTxt": "AMC",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "2",

"channelNm": "Comedy Network",

"channelCd": "Comedy",

"channelTxt": "Comedy Network",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "3",

"channelNm": "Space",

"channelCd": "Space",

"channelTxt": "Space",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "4",

"channelNm": "Showcase",

"channelCd": "Showcase",

"channelTxt": "Showcase",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "5",

"channelNm": "A&E",

"channelCd": "AE",

"channelTxt": "A&E",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

}

],

"discountList": null

}

}

Basic + Pick 5 collection + total 7 TVX channels

{

"status": {

"statusCd": "200",

"statusTxt": "OK"

},

"subscription": {

"provinceCode": "AB",

"geoTargetMarket": "Grande Prairie",

"offerCd": "TVX",

"collectionList": {

"collectionId": "1",

"collectionNm": "Prime Time and My 5",

"collectionCd": "Pick5",

"collectionTxt": "Prime Time and My 5",

"purchasableInd": "true",

"rank": "1",

"pricePlanCode": null,

"collectionCategory": null,

"priceAmt": "25.0",

"promotionInd": "false",

"dispCategoryCdList": "1680",

"selectedPackList": null,

"selectedChannelList": null

},

"packList": [

{

"packId": null,

"packNm": "Prime Time",

"packCd": "TVXBasic",

"packPriceAmt": "0.0",

"packTxt": "Prime Time",

"displayCategoryCdList": “1680”,

"purchasableInd": "false",

"onPromotionInd": "false"

}

],

"channelList": [

{

"channelId": "1",

"channelNm": "AMC",

"channelCd": "AMC",

"channelTxt": "AMC",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "2",

"channelNm": "Comedy Network",

"channelCd": "Comedy",

"channelTxt": "Comedy Network",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "3",

"channelNm": "Space",

"channelCd": "Space",

"channelTxt": "Space",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "4",

"channelNm": "Showcase",

"channelCd": "Showcase",

"channelTxt": "Showcase",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "5",

"channelNm": "A&E",

"channelCd": "AE",

"channelTxt": "A&E",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "6",

"channelNm": "Food Network Canada",

"channelCd": "Food",

"channelTxt": "Food Network Canada",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "7",

"channelNm": "Discovery Channel",

"channelCd": "Discovery",

"channelTxt": "Discovery Channel",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

}

],

"discountList": null

}

}

Basic + Pick 5 collection + total 5 TVX channels + 1Pack

{

"status": {

"statusCd": "200",

"statusTxt": "OK"

},

"subscription": {

"provinceCode": "AB",

"geoTargetMarket": "Grande Prairie",

"offerCd": "TVX",

"collectionList": {

"collectionId": "1",

"collectionNm": "Prime Time and My 5",

"collectionCd": "Pick5",

"collectionTxt": "Prime Time and My 5",

"purchasableInd": "true",

"rank": "1",

"pricePlanCode": null,

"collectionCategory": null,

"priceAmt": "25.0",

"promotionInd": "false",

"dispCategoryCdList": "1680",

"selectedPackList": null,

"selectedChannelList": null

},

"packList": [

{

"packId": null,

"packNm": "Prime Time",

"packCd": "TVXBasic",

"packPriceAmt": "0.0",

"packTxt": "Prime Time",

"displayCategoryCdList": "1680",

"purchasableInd": "false",

"onPromotionInd": "false"

},

{

"packId": null,

"packNm": "Super Channel",

"packCd": "TVXMovies1",

"packPriceAmt": "10.0",

"packTxt": "Super Channel",

"displayCategoryCdList": "1680",

"purchasableInd": "false",

"onPromotionInd": "false"

}

],

"channelList": [

{

"channelId": "1",

"channelNm": "AMC",

"channelCd": "AMC",

"channelTxt": "AMC",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "2",

"channelNm": "Comedy Network",

"channelCd": "Comedy",

"channelTxt": "Comedy Network",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "3",

"channelNm": "Space",

"channelCd": "Space",

"channelTxt": "Space",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "4",

"channelNm": "Showcase",

"channelCd": "Showcase",

"channelTxt": "Showcase",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

},

{

"channelId": "5",

"channelNm": "A&E",

"channelCd": "AE",

"channelTxt": "A&E",

"purchasableInd": "true",

"displayCategoryCdList": null,

"channelPriceAmt": "4.0",

"geoTargetMarketChannelNum": null,

"alaCarteInd": "true"

}

],

"discountList": null

}

}

# TVRequistion REST Service

This service provides operations in support of Telus TV program change’s (change order) validation, quotation and submission.

## validation (POST)

|  |  |
| --- | --- |
| **OPERATION**  /tv/requisition/validation/ | |
| **Method** | POST |
| **Description** | Validate Telus TV program order. Based on ordered program, service will do auto-adjust, right-size, rule check Corresponding notifications and adjusted programs will be returned to consumer. |
| **Input** | {       "province": string,     "geoTargetMarket": string,     "programOrderList": [ <ProgramOrder> ] }   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Mandatory?** | **Possible/typical values** | | province | string | Province State code | Y | AB, BC | | geoTargetMarket | string | Region | Y | Vancouver | | lostDiscount | <ProductDiscount> | For the customer to confirm the lost discount |  |  | | programOrderList | Array of <**ProgramOrder**> | Program information of new order | Y |  | | offer | “MediaroomTV-HS”, “MediaroomTV-HS2.0” | Offer Code | N | MediaroomTV-HS 2.0 |   Where **ProgramOrder** is described as  {  **"**action**"** : string,  **"**programId**"** : string,      "programNm" : string,      "programCd" : string,       "programType" : string,       "priceAmt" : number,       "pricePlanCd" : string  }  **ProgramOrder**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | action | string | Indicate remove or add program | Y | ADD  REMOVE | | programId | string |  | Y |  | | programNm | string |  | Y |  | | programCd | string |  | Y |  | | programType | string |  | Y | COMBO  COMBO \_PACK  COMBO\_CHANNEL  THEME\_PACK  CHANNEL  PRICE\_PLAN | | priceAmt | number |  | Y |  | | pricePlanCd | string |  | N |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   **Request Sample:**  {       **"province"**:"BC",     **"geoTargetMarket"**:"Vancouver",     **"programOrderList"**:[           {              **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Entertainment Extra",             **"programCd"**:"PakEntertainEx",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         },         {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Great Wall Pack",             **"programCd"**:"PakGreatWall",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         }     ] } |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  “validateResult”: <ValidateResult> ,  “status”: <status>  }  ValidateResult:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | validInd | boolean | Indicate if programOrder is valid or not |  | | rightSizedInd | boolean | Indicate if collection (combo) was rightsized. |  | | requisitionNotification | <RequisitionNotification> |  |  | | applicableDiscount | <ProductDiscount> | Future use |  | | programOrderList | Array of <**ProgramOrder**> | Programs after auto adjust and right size based on business rule. |  |   RequisitionNotification:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | notificationTxt | string |  |  | | notificationList | Array of <ProductRelation> |  |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   ProductRelation:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | baseProgram | <ProductIdentifier> | Product in order |  | | relationType | string | Relationship | THEMEPACK\_UP\_SELL  COMBO\_UP\_SELL  INCLUDE\_PRODUCT\_CONJUNCTION,  INCLUDE\_PRODUCT\_DISJUNCTION,  AUTO\_PRODUCT\_REPLACEMENT  …. | | relatedProgramList | Array of <ProductIdentifier> | Product(s) related to base product |  |   ProductIdentifier:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | productType | string |  |  | | productCd | string |  |  |   **Response Sample**:  {       **"validateResult"**:{           **"validInd"**:"false",         **"rightSizedInd"**:"false",         **"requisitionNotification"**:{               **"notificationTxt"**:null,             **"notificationList"**:[                   {                       **"baseProgram"**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"Animal Planet"                     },                     **"relationType"**:"EXCLUDE\_PRODUCT\_CONJUNCTION",                     **"** **relatedProgramList"**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"PakFamily"                     }                 },                 {                       **" baseProgram "**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"Animal Planet"                     },                     **"relationType"**:"EXCLUDE\_PRODUCT\_CONJUNCTION",                     **" relatedProgramList "**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"PakFamily"                     }                 }             ]         },         **"applicableDiscount"**:{            },         **"programOrderList"**:[               {                   **"action"**:"ADD",                 **"programId"**:"101254",                 **"programNm"**:"Animal Planet",                 **"programCd"**:"AnimalPlanet",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             },             {                   **"action"**:"ADD",                 **"programId"**:"101305",                 **"programNm"**:"PakFamily",                 **"programCd"**:"Family",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             }         ]     },     **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     } }  **Response Sample ( get upsell notification only) :**  {  "validateResult": {  "programOrderList": [  {  "action": "ADD",  "programId": "1218029",  "programNm": "Adventure & Beyond",  "programCd": "PakAdventBeyond",  "programType": "COMBO\_PACK",  "priceAmt": "7.0",  "pricePlanCd": ""  },  ...........  ],  "requisitionNotification": {"notificationList": {  "baseProgram": {  "productCd": "YouPick6",  "productType": "COMBO"  },  "relationType": "COMBO\_UP\_SELL"  }},  "rightSizedInd": "false",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  }  **Response Sample ( get upsell and rightsized notification) :**  {  {  "action": "ADD",  "programId": "101199",  "programNm": "Super Channel",  "programCd": "PakSuperChannel",  "programType": "COMBO\_PACK",  "priceAmt": "17.0"  }  ………………………..  ],  "requisitionNotification": {  "notificationList": [  {  "baseProgram": {  "productCd": "YouPick6",  "productType": "COMBO"  },  "relationType": "COMBO\_RIGHT\_SIZED"  },  {  "baseProgram": {  "productCd": "YouPick8Movies",  "productType": "COMBO"  },  "relationType": "COMBO\_UP\_SELL"  }  ]  },  "rightSizedInd": "true",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  }  **Channel to Pack upsell examples:**  **TCM + FX HD upsell to PakBlockbusters**  **Request :**  {  "offer": "MediaroomTV-HS2.0",  "province": "bc",  "geoTargetMarket": "Vancouver",  "programOrderList": [  {  "action": "ADD",  "programId": "242",  "programNm": "Essentials 2.0 Pack",  "programCd": "Essentials2Pack",  "programType": "COMBO\_PACK",  "priceAmt": null,  "displayCategories": [  "1000"  ],  "pricePlanCd": "theme pack (v1)"  },  {  "action": "ADD",  "programId": "500355",  "programNm": "TCM",  "programCd": "TCM",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  },  {  "action": "ADD",  "programId": "706046",  "programNm": "FX Canada HD",  "programCd": "FX HD",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  }  ]  }  **Response:**  {  "validateResult": {  "programOrderList": [  {  "action": "ADD",  "programId": "242",  "programNm": "Essentials 2.0 Pack",  "programCd": "Essentials2Pack",  "programType": "THEME\_PACK",  "priceAmt": "0.0",  "pricePlanCd": "theme pack (v1)"  },  {  "action": "ADD",  "programId": "500355",  "programNm": "TCM",  "programCd": "TCM",  "programType": "CHANNEL",  "priceAmt": "4.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "706046",  "programNm": "FX Canada HD",  "programCd": "FX HD",  "programType": "CHANNEL",  "priceAmt": "4.0",  "pricePlanCd": ""  }  ],  "requisitionNotification": {  "notificationList": {  "baseProgram": {  "productCd": "PakBlockbusters",  "productType": "THEME\_PACK"  },  "relatedProgramList": [  {  "productCd": "TCM",  "productType": "CHANNEL"  },  {  "productCd": "FX HD",  "productType": " CHANNEL"  }  ],  "relationType": "THEMEPACK\_UP\_SELL"  }  },  "rightSizedInd": "false",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  }  **TCM + FX HD + 5 theme packs: upsell to PakBlockbusters and right sized to YouPick6 combo**  **Request :**  {  "province": "bc",  "geoTargetMarket": "Vancouver",  "programOrderList": [  {  "action": "ADD",  "programId": "500355",  "programNm": "TCM",  "programCd": "TCM",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  },  {  "action": "ADD",  "programId": "706046",  "programNm": "FX Canada HD",  "programCd": "FX HD",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  },  {  "action": "ADD",  "programId": "1218028",  "programNm": "More Sports",  "programCd": "PakMoreSports",  "priceAmt": 7,  "displayCategories": [  "1028"  ],  "pricePlanCd": "",  "programType": "THEME\_PACK"  },  {  "action": "ADD",  "programId": "1218037",  "programNm": "Popular Sports",  "programCd": "PakPopularSport",  "priceAmt": 14,  "displayCategories": [  "1028"  ],  "pricePlanCd": "theme pack (v1)",  "programType": "THEME\_PACK"  },  {  "action": "ADD",  "programId": "1218009",  "programNm": "Jeunesse",  "programCd": "PakJeunesseWest",  "priceAmt": 7,  "displayCategories": [  "1027"  ],  "pricePlanCd": "",  "programType": "THEME\_PACK"  },  {  "action": "ADD",  "programId": "1218008",  "programNm": "News International",  "programCd": "PakNewsInterntl",  "priceAmt": 7,  "displayCategories": [  "1027"  ],  "pricePlanCd": "",  "programType": "THEME\_PACK"  },  {  "action": "ADD",  "programId": "1218022",  "programNm": "Meli-melo",  "programCd": "PakMeliMeloWest",  "priceAmt": 7,  "displayCategories": [  "1027"  ],  "pricePlanCd": "",  "programType": "THEME\_PACK"  },  {  "action": "ADD",  "programId": "242",  "programNm": "Essentials 2.0 Pack",  "programCd": "Essentials2Pack",  "programType": "THEME\_PACK",  "priceAmt": null,  "displayCategories": [  "1000"  ],  "pricePlanCd": "theme pack (v1)"  }  ]  }  **Response:**  {  "validateResult": {  "programOrderList": [  {  "action": "ADD",  "programId": "500355",  "programNm": "TCM",  "programCd": "TCM",  "programType": "CHANNEL",  "priceAmt": "4.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "706046",  "programNm": "FX Canada HD",  "programCd": "FX HD",  "programType": "CHANNEL",  "priceAmt": "4.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "1218028",  "programNm": "More Sports",  "programCd": "PakMoreSports",  "programType": "COMBO\_PACK",  "priceAmt": "7.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "1218037",  "programNm": "Popular Sports",  "programCd": "PakPopularSport",  "programType": "COMBO\_PACK",  "priceAmt": "14.0",  "pricePlanCd": "theme pack (v1)"  },  {  "action": "ADD",  "programId": "1218009",  "programNm": "Jeunesse",  "programCd": "PakJeunesseWest",  "programType": "COMBO\_PACK",  "priceAmt": "7.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "1218008",  "programNm": "News International",  "programCd": "PakNewsInterntl",  "programType": "COMBO\_PACK",  "priceAmt": "7.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "1218022",  "programNm": "Meli-melo",  "programCd": "PakMeliMeloWest",  "programType": "COMBO\_PACK",  "priceAmt": "7.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "242",  "programNm": "Essentials 2.0 Pack",  "programCd": "Essentials2Pack",  "programType": "COMBO\_PACK",  "priceAmt": "0.0",  "pricePlanCd": "theme pack (v1)"  },  {  "action": "ADD",  "programId": "38",  "programNm": "You Pick 6",  "programCd": "YouPick6",  "programType": "COMBO",  "priceAmt": "70.0"  }  ],  "requisitionNotification": {  "notificationList": [  {  "baseProgram": {  "productCd": "PakBlockbusters",  "productType": "THEME\_PACK"  },  "relatedProgramList": [  {  "productCd": "TCM",  "productType": "CHANNEL"  },  {  "productCd": "FX HD",  "productType": " CHANNEL"  }  ],  "relationType": "THEMEPACK\_UP\_SELL"  },  {  "baseProgram": {  "productCd": "YouPick6",  "productType": "COMBO"  },  "relationType": "COMBO\_RIGHT\_SIZED"  }  ]  },  "rightSizedInd": "true",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  }  **TCM + FX HD upsell to PakBlockbusters; TLC + A&E upsell to Prime Time**  **Request :**  {  "offer": "MediaroomTV-HS2.0",  "province": "bc",  "geoTargetMarket": "Vancouver",  "programOrderList": [  {  "action": "ADD",  "programId": "242",  "programNm": "Essentials 2.0 Pack",  "programCd": "Essentials2Pack",  "programType": "COMBO\_PACK",  "priceAmt": null,  "displayCategories": [  "1000"  ],  "pricePlanCd": "theme pack (v1)"  },  {  "action": "ADD",  "programId": "500355",  "programNm": "TCM",  "programCd": "TCM",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  },  {  "action": "ADD",  "programId": "706046",  "programNm": "FX Canada HD",  "programCd": "FX HD",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  },  {  "action": "ADD",  "programId": "101259",  "programNm": "TLC",  "programCd": "TLC",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  },  {  "action": "ADD",  "programId": "101255",  "programNm": "A&E",  "programCd": "AE",  "priceAmt": 4,  "displayCategories": [  "1023"  ],  "pricePlanCd": "",  "programType": "CHANNEL"  }  ]  }  **Response:**  {  "validateResult": {  "programOrderList": [  {  "action": "ADD",  "programId": "242",  "programNm": "Essentials 2.0 Pack",  "programCd": "Essentials2Pack",  "programType": "THEME\_PACK",  "priceAmt": "0.0",  "pricePlanCd": "theme pack (v1)"  },  {  "action": "ADD",  "programId": "500355",  "programNm": "TCM",  "programCd": "TCM",  "programType": "CHANNEL",  "priceAmt": "4.0",  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "706046",  "programNm": "FX Canada HD",  "programCd": "FX HD",  "programType": "CHANNEL",  "priceAmt": "4.0",  "pricePlanCd": ""  }  ……………………………..  ],  "requisitionNotification": {  "notificationList": [  {  "baseProgram": {  "productCd": "PakBlockbusters",  "productType": "THEME\_PACK"  },  "relatedProgramList": [  {  "productCd": "TCM",  "productType": "CHANNEL"  },  {  "productCd": "FX HD",  "productType": " CHANNEL"  }  ],  "relationType": "THEMEPACK\_UP\_SELL"  },  {  "baseProgram": {  "productCd": "PakPrimeTime",  "productType": "THEME\_PACK"  },  "relatedProgramList": [  {  "productCd": "TLC",  "productType": "CHANNEL"  },  {  "productCd": "AE",  "productType": " CHANNEL"  }  ],  "relationType": "THEMEPACK\_UP\_SELL"  }  ]  },  "rightSizedInd": "false",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  } |

## Validation-with-auth (POST)

|  |  |
| --- | --- |
| **OPERATION**  tv/requisition/account/{ban}/productinstance/{tvproductinstanceid}/validation | |
| **Method** | POST |
| **Description** | Validate Telus TV program order.  Based on ordered program and customer’s existing subscription, service will do auto-adjust, right-size, rule check. Corresponding notifications and adjusted programs will be returned to consumer. |
| **Input** | **ban:** account number  **tvproductinstanceid:** Telus TV product instance ID, unique id represent customer’s TV product information.  {  "customerId": string,      "province": string,     "geoTargetMarket": string,     "subscriptionSummaryList": { <SubscriptionSummary>},     "programOrderList": [ <ProgramOrderActivity> ] }   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Field** | | **Datatype** | | **Description** | **Mandatory?** | **Possible/typical values** | | customerId | | string | | Customer ID | N |  | | ~~accountNum~~ | | ~~string~~ | | ~~BAN~~ | ~~Y~~ |  | | province | | string | | Province State code | Y | AB, BC | | lostDiscount | <ProductDiscount> | | For the customer to confirm the lost discount | | N |  | | geoTargetMarket | | string | | Region | Y | Vancouver | | subscriptionSummary | | <**SubscriptionSummary**> | | Existing subscription summary | N |  | | programOrderList | | Array of <**ProgramOrder**> | | Program information of new order | Y |  | | offer | “MediaroomTV-HS”, “MediaroomTV-HS2.0” | | Offer Code | | N | MediaroomTV-HS 2.0 |   Where **SubscriptionSummary** is described as  {  **"**collectionAggregationList **"** : [<CollectionAggregation>],  **"**packCdList**"** : [<String>],      "channelCdList" : [<string>],      "unRemovableProductCdList" : [<string>]  }  **SubscriptionSummary**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | collectionAggregationList | Array of  <CollectionAggregation> | In 2.0 world, allow customer order multiple collections. | N |  | | packCdList | Array of <string> | Individual pack code | N |  | | channelCdList | Array of <string> | A la cart channel code | N |  | | unRemovableProductCdList | Array of <string> | \* | N |  |   *\** ***unRemovable product***: 1) If the subscription was modified in last 30 days. We will not allow customers to change their subscription. Therefore all elements of subscription are un-removable products. 2) In 1.0 world, if subscription is all-in combo, then all elements will be un-removable since the combo contains everything and it is not allowed downgrade.  CollectionAggregation   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | collectionCd | string |  | N |  | | collectionPricePlanCd | String |  | N |  | | collectionPackCdList | Array of <string> |  | N |  | | collectionChannelCdList | Array of <string> |  | N |  |   Where **ProgramOrder** is described as  {  **"**action**"** : string,  **"**programId**"** : string,      "programNm" : string,      "programCd" : string,       "programType" : string,       "priceAmt" : number,       "pricePlanCd" : string  }  **ProgramOrder**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | action | string | Indicate remove or add program | Y | ADD  REMOVE | | programId | string |  | Y |  | | programNm | string |  | Y |  | | programCd | string |  | Y |  | | programType | string |  |  | COMBO  COMBO \_PACK  COMBO\_CHANNEL  THEME\_PACK  CHANNEL  PRICE\_PLAN | | priceAmt | number |  | Y |  | | pricePlanCd | string |  | N |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   **Request Sample:**  {       **"customerId"**:"75231400",     **"tvProductInstanceId"**:"791998925",     **"province"**:"AB",     **"geoTargetMarket"**:"Fort McMurray Consumer",     **"subscriptionSummary"**:{           **"collectionAggregationList"**:[               {                   **"collectionCd"**:"YouPick8",                 **"collectionPricePlanCd"**:"",                 **"collectionPackCdList"**:[                       "PakPopularSport",                     "PakPrimeTime"                 ],                 **"collectionChannelCdList"**:[                   ]             }         ],         **"packCdList"**:[               "PakEntertain"         ],         **"channelCdList"**:[               "AE"         ],         **"unremovableProductCdList"**:[           ]     },     **"programOrderList"**:[           {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Entertainment Extra",             **"programCd"**:"PakEntertainEx",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         },         {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Great Wall Pack",             **"programCd"**:"PakGreatWall",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,             **"pricePlanCd"**:"null"         }     ] } |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | | 500 |  | Call OrderMgmRetrieval failed. |  |  | service Policy or Service Exception error | |
| **Output** | {  “validateResult”: <ValidateResult> ,  “status”: <status>  }  ValidateResult:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | validInd | boolean | Indicate if programOrder is valid or not |  | | rightSizedInd | boolean | Indicate if collection (combo) was rightsized. |  | | requisitionNotification | <RequisitionNotification> |  |  | | applicableDiscount | <ProductDiscount> | Future use |  | | lostDiscount | <ProductDiscount> | Future use |  | | ~~packCdRightSizedForCollection~~ | ~~Array of <string>~~ |  | confirm with UI | | programOrderList | Array of <**ProgramOrder**> | Programs after auto adjust and right size based on business rule. |  |   RequisitionNotification:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | notificationTxt | string |  |  | | notificationList | Array of <ProductRelation> |  |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   ProductRelation:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | baseProgram | <ProductIdentifier> | Product in order |  | | relationType | string | Relationship | THEMEPACK\_UP\_SELL  COMBO\_UP\_SELL  INCLUDE\_PRODUCT\_CONJUNCTION,  INCLUDE\_PRODUCT\_DISJUNCTION,  AUTO\_PRODUCT\_REPLACEMENT  …. | | relatedProgramList | Array of <ProductIdentifier> | Product(s) related to base product |  |   ProductIdentifier:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | productType | string |  |  | | productCd | string |  |  |   **Response Sample**:  {       **"validateResult"**:{           **"validInd"**:"false",         **"rightSizedInd"**:"false",         **"requisitionNotification"**:{               **"notificationTxt"**:null,             **"notificationList"**:[                   {                       **"baseProgram"**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"Animal Planet"                     },                     **"relationType"**:"EXCLUDE\_PRODUCT\_CONJUNCTION",                     **"relatedProductList"**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"PakFamily"                     }                 },                 {                       **"baseProgram"**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"Animal Planet"                     },                     **"relationType"**:"EXCLUDE\_PRODUCT\_CONJUNCTION",                     **"relatedProductList "**:{                           **"type"**:"THEME\_PACK",                         **"code"**:"PakFamily"                     }                 }             ]         },         **"applicableDiscount"**:{            },  **"lostDiscount"**:{            },         **"programOrderList"**:[               {                   **"action"**:"ADD",                 **"programId"**:"101254",                 **"programNm"**:"Animal Planet",                 **"programCd"**:"AnimalPlanet",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             },             {                   **"action"**:"ADD",                 **"programId"**:"101305",                 **"programNm"**:"PakFamily",                 **"programCd"**:"Family",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             }         ]     },     **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     } }  **Response Sample ( get upsell notification only) :**  {  "validateResult": {  "programOrderList": [  {  "action": "ADD",  "programId": "1218029",  "programNm": "Adventure & Beyond",  "programCd": "PakAdventBeyond",  "programType": "COMBO\_PACK",  "priceAmt": "7.0",  "pricePlanCd": ""  },  ...........  ],  "requisitionNotification": {"notificationList": {  "baseProgram": {  "productCd": "YouPick6",  "productType": "COMBO"  },  "relationType": "COMBO\_UP\_SELL"  }},  "rightSizedInd": "false",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  }  **Response Sample ( get upsell and rightsized notification) :**  {  "validateResult": {  "programOrderList": [  {  "action": "ADD",  "programId": "38",  "programNm": "You Pick 6",  "programCd": "YouPick6",  "programType": "COMBO",  "priceAmt": 24,  "displayCategories": null,  "pricePlanCd": ""  },  {  "action": "ADD",  "programId": "101199",  "programNm": "Super Channel",  "programCd": "PakSuperChannel",  "programType": "COMBO\_PACK",  "priceAmt": "17.0"  }  ………………………..  ],  "requisitionNotification": {  "notificationList": [  {  "baseProgram": {  "productCd": "YouPick6",  "productType": "COMBO"  },  "relationType": "COMBO\_RIGHT\_SIZED"  },  {  "baseProgram": {  "productCd": "YouPick8Movies",  "productType": "COMBO"  },  "relationType": "COMBO\_UP\_SELL"  }  ]  },  "rightSizedInd": "false",  "validInd": "true"  },  "status": {  "statusCd": "200",  "statusTxt": "OK"  }  } |

## Quotation (POST)

|  |  |
| --- | --- |
| **OPERATION**  /tv/requisition/quotation | |
| **Method** | POST |
| **Description** | This operation will provide quote price based on program orders. Price will be calculated based on reference data. |
| **Input** | {       "province": string,     "geoTargetMarket": string,      "programOrderList": [ <ProgramOrder> ] }   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Mandatory?** | **Possible/typical values** | | province | string | Province State code | Y | AB, BC | | geoTargetMarket | string | Region | Y | vancouver | | lostDiscount | <ProductDiscount> | For the customer to confirm the lost discount | N |  | | programOrderList | Array of <**ProgramOrder**> | Program information of new order | Y |  | | offer | “MediaroomTV-HS”, “MediaroomTV-HS2.0” | Offer Code | N | MediaroomTV-HS 2.0 |   Where **ProgramOrder** is described as  {  **"**action**"** : string,  **"**programId**"** : string,      "programNm" : string,      "programCd" : string,       "programType" : string,       "priceAmt" : number,       "pricePlanCd" : string  }  **ProgramOrder**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | action | string | Indicate remove or add program | Y | ADD  REMOVE | | programId | string |  | Y |  | | programNm | string |  | Y |  | | programCd | string |  | Y |  | | programType | string |  | Y | COMBO  COMBO \_PACK  COMBO\_CHANNEL  THEME\_PACK  CHANNEL  PRICE\_PLAN | | priceAmt | number |  | Y |  | | pricePlanCd | string |  | N |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   **Request Sample:**  {  **"province"**:"AB",     **"geoTargetMarket"**:"Fort McMurray Consumer",  **"programOrderList"**:[           {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Entertainment Extra",             **"programCd"**:"PakEntertainEx",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         },         {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Great Wall Pack",             **"programCd"**:"PakGreatWall",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         }     ] } |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | |
| **Output** | {  “quoteResult”: <QuoteResult> ,  “status”: <status>  }  QuoteResult:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | validInd | boolean |  |  | | rightSizedInd | boolean |  |  | | requisitionNotification | <RequisitionNotification> |  |  | | totalPriceAmt | number | Price of modified subscription, from OMS |  | | applicableDiscount | <ProductDiscount> |  |  | | programOrderList | Array of <**ProgramOrder**> | Programs after auto adjust and right size based on business rule. |  |   RequisitionNotification:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | notificationTxt | string |  |  | | notificationList | Array of <ProductRelation> |  |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   ProductRelation:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | baseProgram | <ProductIdentifier> | Product in order |  | | relationType | string | Relationship | THEMEPACK\_UP\_SELL  INCLUDE\_PRODUCT\_CONJUNCTION,  INCLUDE\_PRODUCT\_DISJUNCTION,  AUTO\_PRODUCT\_REPLACEMENT  …. | | relatedProgramList | Array of <ProductIdentifier> | Product(s) related to base product |  |   ProductIdentifier:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | productType | string |  |  | | productCd | string |  |  |   **Response Sample**:  {       **"quoteResult"**:{           **"validInd"**:"true",         **"rightSizedInd"**:"false",         **"totalPriceAmt"**:"68",         **"requisitionNotification"**:{               **"notificationTxt"**:null,             **"notificationList"**:null         },         **"applicableDiscount"**:{            },         **"lostDiscount"**:{            },         **"programOrderList"**:[               {                   **"action"**:"ADD",                 **"programId"**:"101254",                 **"programNm"**:"Animal Planet",                 **"programCd"**:"Animal Planet",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             },             {                   **"action"**:"ADD",                 **"programId"**:"101305",                 **"programNm"**:"PakFamily",                 **"programCd"**:"Family",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             }         ]     },     **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     } } |

## Quotation-with-Auth (POST)

|  |  |
| --- | --- |
| **OPERATION**  /tv/requisition /account/{ban}/productinstance/{tvproductinstanceid}/quotation | |
| **Method** | POST |
| **Description** | This operation will provide quote price (delta price and total price) based on customer’s existing subscription and new program orders.  Price will be calculated by OMS. |
| **Input** | **ban:** account number  **tvproductinstanceid:** Telus TV product instance ID, unique id represent customer’s TV product information.  {  "customerId": string,  ~~"accountNum": string,~~     "province": string,     "geoTargetMarket": string,     "subscriptionSummary": { <SubscriptionSummary> },     "programOrderList": [ <ProgramOrder> ] }   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Mandatory?** | | | **Possible/typical values** | | customerId | string | Customer ID | N | | |  | | ~~accountNum~~ | ~~string~~ | ~~BAN~~ | Y | | |  | | province | string | Province State code | Y | | | AB, BC | | geoTargetMarket | string | Region | Y | | | vancouver | | lostDiscount | <ProductDiscount> | For the customer to confirm the lost discount | | N |  | | | subscriptionSummaryList | <**SubscriptionSummary**> | Existing subscription summary | N | | |  | | programOrderList | Array of <**ProgramOrder**> | Program information of new order | Y | | |  | | offer | “MediaroomTV-HS”, “MediaroomTV-HS2.0” | Offer code | N | | | MediaroomTV-HS2.0 |   Where **SubscriptionSummary** is described as  {  **"**collectionAggregationList **"** : [<CollectionAggregation>],  **"**packCdList**"** : [<String> ],      "channelCdList" : [<string> ],      "unRemovableProductCdList" : [ <string> ]  }  **SubscriptionSummary**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | collectionAggregationList | Array of  <CollectionAggregation> | In 2.0 world, allow customer order multiple collections. | N |  | | packCdList | Array of <string> | Individual pack code | N |  | | channelCdList | Array of <string> | A la cart channel code |  |  | | unRemovableProductCdList | Array of <string> | \* |  |  |   *\** ***unRemovable product***: 1) If the subscription was modified in last 30 days. We will not allow customers to change their subscription. Therefore all elements of subscription are un-removable products. 2) In 1.0 world, if subscription is all-in combo, then all elements will be un-removable since the combo contains everything and it is not allowed downgrade.  CollectionAggregation   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | collectionCdList | Array of <string> |  | N |  | | collectionPricePlanCd | String |  | N |  | | collectionPackCdList | Array of <string> |  | N |  | | collectionChannelCdList | Array of <string> |  | N |  |   Where **ProgramOrder** is described as  {  **"**action**"** : string,  **"**programId**"** : string,      "programNm" : string,      "programCd" : string,       "programType" : string,       "priceAmt" : number,       "priceplanCd" : string  }  **ProgramOrder**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | action | string | Indicate remove or add program | Y | ADD  REMOVE | | programId | string |  | Y |  | | programNm | string |  | Y |  | | programCd | string |  | Y |  | | programType | string |  |  | COMBO  COMBO \_PACK  COMBO\_CHANNEL  THEME\_PACK  CHANNEL  PRICE\_PLAN | | priceAmt | number |  | Y |  | | priceplanCd | string |  | N |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   **Request Sample:**  {       **"customerId"**:"75231400",     **"tvProductInstanceId"**:"791998925",     **"province"**:"AB",     **"geoTargetMarket"**:"Fort McMurray Consumer",     **"subscriptionSummary"**:{           **"collectionAggregationList"**:[               {                   **"collectionCd-"**:"YouPick8",                 **"collectionPricePlanCd"**:"",                 **"collectionPackCdList"**:[                       "PakPopularSport",                     "PakPrimeTime"                 ],                 **"collectionChannelCdList"**:[                   ]             }         ],         **"packCdList"**:[               "PakEntertain"         ],         **"channelCdList"**:[               "AE"         ],         **"unremovableProductCdList"**:[           ]     },     **"programOrderList"**:[           {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Entertainment Extra",             **"programCd"**:"PakEntertainEx",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,             **"displayCategories"**:[                   1012             ],             **"pricePlanCd"**:"null"         },         {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Great Wall Pack",             **"programCd"**:"PakGreatWall",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,             **"displayCategories"**:[                   1685             ],             **"pricePlanCd"**:"null"         }     ] } |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | | 500 |  | Call OrderMgmRetrieval failed. |  |  | service Policy or Service Exception error | |
| **Output** | {  “quoteResult”: <QuoteResult> ,  “status”: <status>  }  QuoteResult:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | validInd | boolean |  |  | | rightSizedInd | boolean |  |  | | requisitionNotification | <RequisitionNotification> |  |  | | deltaPriceAmt | number | Delta price from OMS |  | | totalPriceAmt | number | Total Price of new order, from OMS |  | | applicableDiscount | <ProductDiscount> |  |  | | lostDiscount | <ProductDiscount> |  |  | | ~~packCdRightSizedForCollection~~ | ~~Array of <string>~~ |  | Need confirm | | programOrderList | Array of <**ProgramOrder**> | Programs after auto adjust and right size based on business rule. |  |   RequisitionNotification:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | notificationTxt | string |  |  | | notificationList | Array of <ProductRelation> |  |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   ProductRelation:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | baseProgram | <ProductIdentifier> | Product in order |  | | relationType | string | Relationship | THEMEPACK\_UP\_SELL  INCLUDE\_PRODUCT\_CONJUNCTION,  INCLUDE\_PRODUCT\_DISJUNCTION,  AUTO\_PRODUCT\_REPLACEMENT  …. | | relatedProgramList | Array of <ProductIdentifier> | Product(s) related to base product |  |   ProductIdentifier:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | productType | string |  |  | | productCd | string |  |  |   **Response sample**:  {       **"quoteResult"**:{           **"validInd"**:"true",         **"rightSizedInd"**:"false",         **"protoPriceAmt"**:"9",         **"totalPriceAmt"**:"68",         **"requisitionNotification"**:{               **"notificationTxt"**:null,             **"notificationList"**:null         },         **"applicableDiscount"**:{            },         **"lostDiscount"**:{            },         **"programOrderList"**:[               {                   **"action"**:"ADD",                 **"programId"**:"101254",                 **"programNm"**:"Animal Planet",                 **"programCd"**:"Animal Planet",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             },             {                   **"action"**:"ADD",                 **"programId"**:"101305",                 **"programNm"**:"PakFamily",                 **"programCd"**:"Family",                 **"programType"**:"THEME\_PACK",                 **"price"**:9.0,                 **"pricePlanCd"**:"null"             }         ]     },     **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     } } |
| **SLA** | Services/APIs called:   |  |  | | --- | --- | | **Service/operation** | **SLA** | | **ConsumerCustomerManagementService v2.3**  quickSearchCustomer  **OrderMgmtRetrievalService v6.0**  validateProductInstanceAndGetQuoteByOrderAction  getProductInstanceForNegotiationByProductInstanceId |  | |

## SaveOrder (POST)

|  |  |
| --- | --- |
| **OPERATION**  /tv/requisition/account/{ban}/productinstance/{tvproductinstanceid} | |
| **Method** | POST |
| **Description** | Submit TV order to OMS. |
| **Input** | **ban:** account number  **tvproductinstanceid:** Telus TV product instance ID, unique id represent customer’s TV product information.  {  "customerid": string,  ~~"accountNum": string,~~     "province": string,     "geoTargetMarket": string,  "customerEmail": string,     "subscriptionSummary": { <SubscriptionSummary> },     "programOrderList": [ <ProgramOrder> ] }   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Mandatory?** | **Possible/typical values** | | customerid | string | Customer ID | N |  | | ~~accountNum~~ | ~~string~~ | ~~BAN~~ | ~~Y~~ |  | | province | string | Province State code | Y | AB, BC | | geoTargetMarket | string | Region | Y | vancouver | | lostDiscount | <ProductDiscount> | For the customer to confirm the lost discount | N |  | | customeremail | string | Customer email address for send confirmation letter | Y |  | | subscriptionsummary | <**SubscriptionSummary**> | Existing subscription summary | Y |  | | programOrderList | Array of <**ProgramOrder**> | Program information of new order | Y |  | | offer | “MediaroomTV-HS”, “MediaroomTV-HS2.0” | Offer Code | N | MediaroomTV-HS 2.0 |   Where **SubscriptionSummary** is described as  {  **"**collectionAggregationList **"** : [<CollectionAggregation>],  **"**packCdList**"** : [<String> ],      "channelCdList" : [<string> ],      "unRemovableProductCdList" : [ <string> ]  }  **SubscriptionSummary**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | collectionAggregationList | Array of  <CollectionAggregation> | In 2.0 world, allow customer order multiple collections. | N |  | | packCdList | Array of <string> | Individual pack code | N |  | | channelCdList | Array of <string> | A la cart channel code |  |  | | unRemovableProductCdList | Array of <string> | \* |  |  |   *\** ***unRemovable product***: 1) If the subscription was modified in last 30 days. We will not allow customers to change their subscription. Therefore all elements of subscription are un-removable products. 2) In 1.0 world, if subscription is all-in combo, then all elements will be un-removable since the combo contains everything and it is not allowed downgrade.  CollectionAggregation   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | collectionCd | Array of <string> |  | N |  | | collectionPricePlanCd | String |  | N |  | | collectionPackCdList | Array of <string> |  | N |  | | collectionChannelCdList | Array of <string> |  | N |  |   Where **ProgramOrder** is described as  {  **"**action**"** : string,  **"**programId**"** : string,      "programNm" : string,      "programCd" : string,       "programType" : string,       "priceAmt" : number,       "priceplanCd" : string  }  **ProgramOrder**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name** | **DataType** | **Description** | **Mandatory?** | **Possible/typical values** | | action | string | Indicate remove or add program | Y | ADD  REMOVE | | programId | string |  | Y |  | | programNm | string |  | Y |  | | programCd | string |  | Y |  | | programType | string |  |  | COMBO  COMBO \_PACK  COMBO\_CHANNEL  THEME\_PACK  CHANNEL  PRICE\_PLAN | | priceAmt | number |  |  |  | | priceplanCd | string |  |  |  |   ProductDiscount:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | discountId | string |  |  | | discountNm | string |  |  | | discountCd | string |  |  | | discountType | string |  |  | | discountTxt | string |  |  | | discountAmt | number |  |  |   **Request Sample:**  {       **"customerId"**:"75231400",     **"tvProductInstanceId"**:"791998925",     **"province"**:"AB",  **"customerEmail"**:"abc@gmail.com",     **"geoTargetMarket"**:"Fort McMurray Consumer",     **"subscriptionSummary"**:{           **"collectionAggregationList"**:[               {                   **"collectionCd"**:"YouPick8",                 **"collectionPricePlanCd"**:"",                 **"collectionPackCdList"**:[                       "PakPopularSport",                     "PakPrimeTime"                 ],                 **"collectionChannelCdList"**:[                   ]             }         ],         **"packCdList"**:[               "PakEntertain"         ],         **"channelCdList"**:[               "AE"         ],         **"unremovableProductCdList"**:[           ]     },     **"programOrderList"**:[           {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Entertainment Extra",             **"programCd"**:"PakEntertainEx",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         },         {               **"action"**:"ADD",             **"programId"**:"101291",             **"programNm"**:"Great Wall Pack",             **"programCd"**:"PakGreatWall",             **"programType"**:"THEME\_PACK",             **"price"**:9.0,  **"pricePlanCd"**:"null"         }     ] } |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | | 500 |  | Call OrderMgmRetrieval failed. |  |  | service Policy or Service Exception error | | 500 |  | Call OrderMgmSubmit failed. |  |  | service Policy or Service Exception error | | 500 |  | Call FormLetterService failed. |  |  | service Policy or Service Exception error | | 400 |  | *TBD* |  |  | errors comes from OMS for order change. | |
| **Output** | {  “submitOrderResult”: < SubmitOrderResult > ,  “status”: <status>  }  SubmitOrderResult:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | deltaPriceAmt | number | Delta price from OMS |  | | totalPriceAmt | number | Price of modified subscription, from OMS |  | | orderReferenceNum | string | Reference number for order change, from OMS |  |   **Response sample:**  {       **"submitOrderResult"**:{           **"deltaPriceAmt"**:"9",         **"totalPriceAmt"**:"68",         **"omsOrderReferenceNum"**:"123456789"     },     **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     } } |
| **SLA** | Services/APIs called:   |  |  | | --- | --- | | **Service/operation** | **SLA** | | **ConsumerCustomerManagementService v2.3**  quickSearchCustomer  **OrderMgmtRetrievalService v6.0**  getOrderListByCustomerId  validateProductInstanceAndGetQuoteByOrderAction  getProductInstanceForNegotiationByProductInstanceId  **OrderMgmtSubmitService v6.0**  submitCustomerOrder  **FormLetterManagementService v1.0.1**  submitFormLetter  **ConsumerDiaryService v1.0**  createCustomerEvent |  | |

# TransactionHistory REST Service

This service provides customer’s transaction history information.

## tv-order-history (GET)

|  |  |
| --- | --- |
| **OPERATION**  account/{ban}/transaction-history/tv | |
| **Method** | Get |
| **Description** | Provide customer’s Telus TV order history. |
| **Input** | **ban**: account number   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Values** | **Mandatory?** | **comments** | | customerid |  | N |  | | from | Start date yyyy-mm-dd | Y | Start date of the transactions to look for | | to | End date yyyy-mm-dd | Y | End date of the transactions to look for | |
| **Status Codes** | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **status**  **Cd** | **status**  **SubCd** | **statusTxt** | **systemErrorCd** | **systemErrorTxt** | ***Notes*** | | 200 |  | OK |  |  | Eligible | | 500 |  | general error |  |  | Any caught exception not captured elsewhere | | 500 |  | Call FormLetterInquiryService failed. |  |  | service Policy or Service Exception error | | 500 |  | Call ConsumerCustomerMgmtService failed. |  |  | service Policy or Service Exception error | | 400 | IC | Invalid customer ID |  |  |  | | 400 | IB | Invalid BAN |  |  |  | |
| **Output** | {  “OrderSummaryList”: [<OrderSummary>],  “status”: <status>  }  OrderSummary:   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | orderReferenceNum | string |  |  | | orderDueDate | string |  |  | | clientName | String |  |  | | collectionList | Array of <OrderContent> |  |  | | packList | Array of <OrderContent> |  |  | | channelList | Array of <OrderContent> |  |  | | discountList | Array of <OrderContent> |  |  | | totalChargeAmt | number |  |  |   OrderContent   |  |  |  |  | | --- | --- | --- | --- | | **Field** | **Datatype** | **Description** | **Possible/typical values** | | programNm | string |  |  | | programPriceAmt | string |  |  | | changeTxt | string |  |  |   **Response Sample**:  {       **"OrderSummaryList"**:[           {               **"orderReferenceNum"**:"12345678",             **"orderDueDate"**:"2014-03-28",             **"clientName"**:"John Paul",             **"totalCharge"**:56,             **"collectionList"**:[                   {                       **"programNm"**:"Optimum combo",                     **"programPriceAmt"**:35,                     **"changeTxt"**:"Add"                 }             ],             **"packList"**:[                   {                       **"programNm"**:"Chinese Classic Pack",                     **"programPriceAmt"**:15,                     **"changeTxt"**:"Add"                 },                 {                       **"programNm "**:"Chinese Super Pack",                     **"programPriceAmt "**:15,                     **"changeTxt "**:"Add"                 }             ],             **"channelList"**:[                   {                   }             ],             **"discountList"**:[               ]         }     ],     **"status"**:{           **"statusCd"**:"200",         **"statusTxt"**:"OK"     } } |
| **SLA** | Services/APIs called:   |  |  | | --- | --- | | **Service/operation** | **SLA** | | **ConsumerCustomerManagementService v2.3**  quickSearchCustomer  **FormLetterInquiryService v1.0.1**  searchForFormLetterList  getFormLetter |  | |

# Appendix

## Channel Model

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Possible/typical values** |
| channelId | string | Channel ID |  |
| channelNm | string | Channel Number |  |
| channelCd | string | Channel Code |  |
| channelTxt | String | Channel name |  |
| purchasableInd | Boolean |  |  |
| ~~tvResolutionCd~~ | Array of <Resolution> | ~~Resolution code~~ | ~~HD, SD~~ |
| streamList | Array of **<Resolution>** | Type of Resolution |  |
| displayCategoryCdList | Array of <string> | Display category code list |  |
| channelPriceAmt | Double | Channel price (\*tie to offer in future) |  |
| ~~geoTargetMarketChannelNum~~ | ~~string~~ | ~~The channel number for a specific geo target market~~ |  |
| alaCarteInd | boolean |  |  |
| offerCdList | Array of <string> | List all offer codes apply this channel |  |

**Where <Resolution> is**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Possible/typical values** |
| streamNum | string | Stream number | 390, 9390 |
| streamType | string | Resolution type | HD, SD |

## Pack Model

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Possible/typical values** |
| packId | string | Pack ID |  |
| packNm | string | Pack Name |  |
| packCd | string | Pack Code |  |
| packTypeCd | String | Pack Type | Multiplex, Normal, Essential |
| packPriceAmt | Double |  |  |
| priceplanCd | string | Price plan code |  |
| ~~grandfatheredPricePlan~~ | ~~string~~ | ~~Price plan code~~  No use in 2.0 |  |
| packTXT | String | Pack description |  |
| displayCategoryCdList | Array of <string> |  |  |
| ~~comboPriorityNum~~ | ~~integer~~ | No use in 2.0 if collection cover combo |  |
| purchasableInd | Boolean |  |  |
| promotionDiscountNum | double | future use |  |
| channelList | <[Channel](#_Channel_Model)> | Channels belong to this pack |  |
| onPromotionInd | boolean | future use |  |
| offerCdList | Array of <string> | List all offer codes apply this pack |  |

## Collection Model

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Possible/typical values** |
| collectionId | string | Collection ID |  |
| collectionNm | string | Collection name |  |
| collectionCd | string | Collection code |  |
| collectionTxt | string | Collection description |  |
| purchasableInd | Boolean |  |  |
| rank | number |  |  |
| pricePlanCode | string |  |  |
| collectionCategory (new) | string | Determine collection is curated or flex | Theme packs (?)  Second (?) |
| priceModel (new) | string | **Fixed** - <price\_id> is the only price for the Collection;  **Discount** - <price\_id> value is a discount, Collection price is the sum of all the prices for all selected elements MINUS <price\_id> value; | Discount;  Fixed |
| priceAmt | double | This value calculated by this service; |  |
| promotionInd (new) | Boolean | Future use |  |
| promotionPriceAmt (new) | double | Future use |  |
| downgradeableInd (new) | boolean | If this collection could downgrade in same collection category. |  |
| exclusionCollectionCdList | Array of <string> | Exclusion collections: these collections could be downgraded of cross over collection type. |  |
| dispCategoryList | Array of <string> |  |  |
| mandatoryElementList | Array of <CollectionElement> | Array of pack and/or channel; sorted by element rank |  |
| optionalElementList | Array of <OptionalElement> | Array of pack and/or channel; sorted by element rank |  |
| offerCdList | Array of <string> | List all offer codes apply this collection |  |

Where <OptionalElement> is:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Possible/typical values** |
| optionalListId | string |  |  |
| optionalListNm | string |  |  |
| optionalListRank | number | Priority of optional list when there are multiple optional lists. | 1 |
| minSize | number |  |  |
| collectionElementList | Array of <collectionElement> |  |  |

Where <CollectionElement> is:

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Possible/typical values** |
| collectionElementId | string |  | 101285 |
| collectionElementNm | string |  | Sports Extra |
| collectionElementCd | string |  | PakSportsEx |
| collectionElementType | string | Pack or Channel | pack |
| collectionElementTxt | string |  | A great complement to the Sports pack. |
| collectionElementPriceAmt | double |  | 9.0 |
| collectionElementPricePlanCd | string |  | 441343 |
| ~~GrandFatherPricePlanCd~~ |  |  |  |
| collectionElementRank | number |  | 3 |
| displayCategories | Array of string |  |  |
| purchasableInd | boolean |  |  |