Colt eBonding

Technical Handover Document

Connectivity Checker and Check Price

Version VC 5.7

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Version History

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 2.2 | 19.07.2013 | Update to the Chapter 2 protocols & security section to provide explanation of authentication options.  Added new check connectivity and check price examples  Added tips section for checkPrice  Removed WSDL file from guide –Colt to only provide softcopies. |
| 1.0 | 06.01.2015 | Started new enumeration to reflect version control  Introduced section “Header of corresponding wsdl-file” |
| 2.0 | 10.01.2015 | Added “GPON/FTTH” DSL type on Conenctivity Checker service |
| 2.1 | 04.02.2015 | Added 3 new countries (Japan, Singapore and Hong Kong) and 3 new currencies (JPY, HKD, SGD) |
| 2.2 | 05.02.2015 | Added USD to currency enumuration  Support contacts updated |
| 2.2.1 | 21.09.2015 | New bandwidth values and obsolete values removed for LanLink Point to Point, LanLink Spoke, Ethernet Private Network, IP Access  Obsolete bandwidth values removed for IP Transit  The version count of the API reamins unchanged as 2.2 |
| 3.0 | 06.03.2016 | Addition of OLOOptions which will show LeasedLine Options directly from the supplier. Such Options will include fields such as a supplierName and supplierProduct along with a list of supplier onnet buildings where the product configuration is offered - within the vicinity of the requested address. |
| 3.0.1 | 20.06.2016 | New bandwidth values added to LanLink Point to Point  The version count of the API reamins unchanged as 3.0 |
| 3.0.2 | 30.11.2016 | Added note on correct “schemaversion” setting in paragraph 1.1 |
| 4.0 | 21.04.2017 | Merged with Usage Scenario document |
| 5.0 |  | Carrier Hotel Changes |
| 5.1 | 11.11.2017 | 3-Tier Pricing intergration |
| 5.2 | 27.01.2018 | High Bandwith Porfolio |
| 5.3 | 24.02.2018 | High Bandwidth Colt Asia Alignment |
| 5.4 | 20.03.2018 | Clarification on DSL and OLO availability |
| 5.5 | 27.03.2018 | Clarification on DSL bandwidth |
| 5.6 | 14.05.2018 | V5 changes updated |
| 5.7 | 10.09.2018 | Near net search updated |

**Table of Contents**

[1 Introduction 8](#_Toc524533817)

[1.1 Implementing Check Connectivity and Check Price services 8](#_Toc524533818)

[2 Architecture, protocols and security 8](#_Toc524533819)

[3 About the Connectivity Checker API 10](#_Toc524533820)

[3.1 Technical Specification – checkConnectivity Request 10](#_Toc524533821)

[3.2 Technical Specification – checkConnectivity Response 13](#_Toc524533822)

[3.3 Sample Request Response: 27](#_Toc524533823)

[e-bonding Standalone 27](#_Toc524533824)

[Without pribriQuantity 29](#_Toc524533825)

[With Converged and Connectivity Type as Colt Fibre 30](#_Toc524533826)

[With Converged and Connectivity Type as DSL 32](#_Toc524533827)

[PribriQuantity is 1/2PRI 37](#_Toc524533828)

[PribriQuantity is greater than 2PRI for DSL 38](#_Toc524533829)

[3.4 checkConnectivity – Hints & Tips 40](#_Toc524533830)

[4 About the Check Price API 42](#_Toc524533831)

[4.1 Technical specification – checkPrice Request 42](#_Toc524533832)

[4.1.1 CheckPriceRequest 42](#_Toc524533833)

[4.1.2 RequestPrice object 43](#_Toc524533834)

[4.1.3 NetworkPoints object 46](#_Toc524533835)

[4.1.4 Features object 47](#_Toc524533836)

[4.1.5 Feature object 47](#_Toc524533837)

[4.2 Technical Specification – checkPrice Response 48](#_Toc524533838)

[4.2.1 ResponseDetails object 48](#_Toc524533839)

[4.2.2 Error object 49](#_Toc524533840)

[4.2.3 ResponsePrice object 50](#_Toc524533841)

[4.2.4 Prices object 51](#_Toc524533842)

[4.2.5 OnnetPrice object 51](#_Toc524533843)

[4.2.6 OffnetPrice object 52](#_Toc524533844)

[4.2.7 FeaturesPrice object 52](#_Toc524533845)

[4.2.8 OnnetNetworkPointPrices object 53](#_Toc524533846)

[4.2.9 OffnetNetworkPointPrices object 54](#_Toc524533847)

[4.2.10 NetworkPointPricesNotAvailable object 55](#_Toc524533848)

[4.2.11 FeaturePriceDetails object 56](#_Toc524533849)

[4.2.12 FeaturePriceNotAvailable object 56](#_Toc524533850)

[4.2.13 PricePoints object 56](#_Toc524533851)

[4.2.14 QuoteDetail object 60](#_Toc524533852)

[4.2.15 SLA object 60](#_Toc524533853)

[4.2.16 PriceLevelGPCNDetails 60](#_Toc524533854)

[4.2.17 NearNet Promotion Pricing 61](#_Toc524533855)

[4.2.17.1 NearNet Price Request: 61](#_Toc524533856)

[4.2.17.2 NearNet Price Response: 62](#_Toc524533857)

[4.2.18 AdditionalInformation 65](#_Toc524533858)

[4.2.19 Information 65](#_Toc524533859)

[4.3 Sample Request Response 65](#_Toc524533860)

[e-bonding Standalone with valid combination 65](#_Toc524533861)

[With Converged and valid combination 67](#_Toc524533862)

[e-bonding Standalone with Invalid combination without pribriQuantity 69](#_Toc524533863)

[4.4 checkPrice – Hints & Tips 70](#_Toc524533864)

[5 On-Net Queries 72](#_Toc524533865)

[5.1 Best search criteria to put (for all countries) 72](#_Toc524533866)

[5.2 “HNS” as “service Type” 73](#_Toc524533867)

[5.3 Searching for both possible “request types” in one go. 73](#_Toc524533868)

[5.4 No exact match but connected buildings based on “like” search 73](#_Toc524533869)

[5.5 UK postcode search on full and partial postcodes(user triggered or system triggered) 75](#_Toc524533870)

[Post Code only search (full post code) 75](#_Toc524533871)

[Post Code only search (partial post code) 76](#_Toc524533872)

[5.6 Address and post code based search 76](#_Toc524533873)

[5.7 Verifying the returned data 77](#_Toc524533874)

[6 NTT Queries 79](#_Toc524533875)

[6.1 Availability of NTT connectivity into a site 79](#_Toc524533876)

[6.2 Criteria for the real time availability check 79](#_Toc524533877)

[6.3 Sample Request for NTT Building 79](#_Toc524533878)

[6.4 Sample Response for NTT Building 80](#_Toc524533879)

[7 NearNet Queries 82](#_Toc524533880)

[7.1 Example for connectivity check 83](#_Toc524533881)

[7.1.1 E-bonding connectivity Request with radius > 0: 83](#_Toc524533882)

[7.1.2 E-bonding connectivity Request with radius -1 – OnNet match: 91](#_Toc524533883)

[7.1.3 E-bonding connectivity Request with radius -1 – NearNet match: 92](#_Toc524533884)

[8 Off-Net Queries(Leased Lines) 94](#_Toc524533885)

[8.1 Example for connectivity check 95](#_Toc524533886)

[E-bonding connectivity request 95](#_Toc524533887)

[E-bonding connectivity response 96](#_Toc524533888)

[8.2 Example for price check 97](#_Toc524533889)

[Check Price request with valid combination of network points 98](#_Toc524533890)

[Check Price response with valid combinations 98](#_Toc524533891)

[9 DSL Queries 101](#_Toc524533892)

[9.1 Availability of DSL connectivity into a site 101](#_Toc524533893)

[9.2 Criteria for the real time availability check 104](#_Toc524533894)

[9.3 Possible results of the real time availability check 104](#_Toc524533895)

[9.4 The most important thing to know 104](#_Toc524533896)

[9.5 Messages 104](#_Toc524533897)

[9.6 Frequent Questions 105](#_Toc524533898)

[9.7 The Check Price Query 105](#_Toc524533899)

[9.8 List of all messages 105](#_Toc524533900)

[DSL Messages from 3rd Party Supplier 105](#_Toc524533901)

[Information Messages 109](#_Toc524533902)

[Error Messages 112](#_Toc524533903)

[Warning Messages 114](#_Toc524533904)

[10 SLA & Availability of Colt eBonding 115](#_Toc524533905)

[Appendix A – Product Information 117](#_Toc524533906)

[A1 Products, Bandwidths and product features available 117](#_Toc524533907)

[A2 Price Availability per product and access type 122](#_Toc524533908)

[Appendix B –Country Information 123](#_Toc524533909)

[B1 Connectivity Check and price availability per country 123](#_Toc524533910)

[B2 Leased Line price availability per country 126](#_Toc524533911)

[Appendix C Currencies supported 130](#_Toc524533912)

[Appendix D Example SOAP messages 130](#_Toc524533913)

[CheckConnectivity Service Request and Response example 130](#_Toc524533914)

[Check Price Service Request and Response examples 135](#_Toc524533915)

[WSDL file for CheckConnectivity and CheckPrice 150](#_Toc524533916)

[Appendix F – Check Price System Messages 154](#_Toc524533917)

[Appendix G Acronyms 156](#_Toc524533918)

# Introduction

The Colt eBonding gateway is a secure, machine-to-machine platform that allows you to integrate your company’s internal systems with Colt’s back-office services and automate many manual daily processes in real-time.

This gateway allows your company to electronically exchange details with Colt’s eBonding services using a simple web interface. The interface uses standardised XML messages and SOAP to facilitate information exchange over the internet platform.

This document is for organisations who wish to integrate with Colt’s eBonding gateway. The document provides information about Colt’s eBonding architecture, protocols and security, and other important information necessary to integrate with the platform.

The following services are available and planned:

**Check Price**

**Check Availability**

**See document**

**Maintenance**

**Available (customized)**

**See document**

## Implementing Check Connectivity and Check Price services

Functional and technical information about Connectivity Checker and Check Price are provided in this document.

The Check Connectivity API can be implemented as a stand-alone solution if the requirement is to only check connectivity options without a price.

The Check Price API will not work in isolation. It is designed to work together with the Check Connectivity API. i.e. both APIs have to be implemented in order to retrieve a price. The business flow is to check connectivity options first and then request a price.

There is a Hints & Tips section for each API and a number of examples are provided to show request and response messages.

**Important Note:**

**In each API call using the eBonding Version 4.0 wsdl-file the field “schemaversion” should be kept as “schemaversion=4.0”.**

# Architecture, protocols and security

All services available through Colt eBonding are available online to registered user accounts only. The architecture supports the following widely known industry standards:

* **Different communications protocols for inbound and outbound messages -** Colt recommends SOAP over HTTPS.
* **All services available over the platform support web service standard protocols such as SOAP and REST.** Integration with SOAP based services is recommended.
* **The XML standard is used for information exchange.** The character set supports   
  UTF-8 encoding.
* **Synchronous data transmission method is supported.**



**Figure Colt eBonding platform architecture**

For the purpose of simplicity, this document assumes you will use SOAP over HTTPS as the means of exchanging communications.

* **SSL:** You use SSL to communicate with the server. This ensures the confidentiality of the information transmitted, including authentication information.
* **Certificate authentication :** If you want to implement a client by using a client-server implementation, then you must provide a certificate for each request to authenticate the request. This certificate can be provided by Colt or you can get it from the public VeriSign CA chain and provide the certificate to Colt.

The Colt eBonding gateway will authenticate the request and determine if you are allowed to access the requested resource / service you have requested. If successful, your request will be executed and the necessary response sent in the pre-agreed format. The response message will be either the normal response with XML as payload or a SOAP fault message.

* **User name and password:** If you are not using certificate authentication, you will need to use the user name and password supplied to you by Colt. The user name and password should be provided in the header field of the SOAP message of each request.

# About the Connectivity Checker API

The Connectivity Checker API will allow you to check availability of Colt fibre connected buildings (on-net) including information such as carrier hotel, building status or availability of common equipment areas (CEA). In addition, you will be able to check for DSL and off-net capabilities for certain countries and certain products (see also Appendix A, B). This includes:

* detailed Colt DSL information in France, Germany, Italy, Switzerland and Spain, and postcode/zip-code based information for all other Colt countries.
* detailed wDSL information for France, Germany , Belgium, Netherlands and Spain
* Leased Line (OLO) information based on postcode/zip-codes where Colt can deliver a service for a firm list price.   
  For Colt Ethernet Line, Colt Ethernet Hub and Spoke and Colt Ethernet VPN products, supplier Leased Line Options (OLO Options) based on street name, postcode/zip-codes and geo-codes (longitude and Latitude) are also available. The requestor has more information about the supplier of the service (product) including whether or not the address is onnet or offnet for the supplier. The requestor could then seek a quote for one or more of these options.

Connectivity Checker will allow you to search for geo-codes (longitude and latitude) and/or full or parts of addresses. You will find more request and response details in the following sections.

## Technical Specification – checkConnectivity Request

Following table lists the attributes and data type and comments as part of the request payload. All attributes are optional if not stated otherwise.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute Name** | | **Data type** | | **Comments** | |
| Request type | | **Mandatory**  String Enumerator  possible values:  SITE P2P | | Each call to check connectivity would need to be specified as either looking for ‘Single Site’ or ‘Point2Point’ product. Request type ‘SITE’ refers to ‘Single Site’ and ‘P2P’ to ‘Point2Point’ products.  The list of products with their description can be found in Appendix D. | |
| Floor suite | | String, 5 characters | | **For future use, please do not use!** | |
| Building name | | String, 30 characters | | Building name of the searched address. | |
| Premise number | | String, 5 characters | | House/building number of the address. | |
| Street name | | String, 50 characters | | Name of the street of the address.  **Mandatory for DSL searches**  **Mandatory for Leased Line searches only when the requester is interested in Supplier Leased Line (OLO) options.** | |
| CityTown | | String, 30 characters | | City or town name.  **Mandatory for DSL searches**  **Mandatory for Leased Line searches only when the requester is interested in Supplier Leased Line (OLO) options.** | |
| PostalZipCode | | String, 15 characters | | Zip code of the address.  **Mandatory for DSL and off-net searches.**  **Mandatory for Leased Line searches only when the requester is interested in Supplier Leased Line (OLO) options.** | |
| State | | String, 30 characters | | **For future use, please do not use!** | |
| Country | | String enumerator | | Country name out of the valid options provided in Appendix E.  **Mandatory for DSL and off-net searches.**  **Mandatory for Leased Line searches only when the requester is interested in Supplier Leased Line (OLO) options.** | |
| Latitude | | String, 30 characters | | Latitude co-ordinate of an address. Along with longitude, requestor can look up colt fibre connectivity and leased line options provided by suppliers using geo-codes. Valid only for fibre and leased line connectivity look up. Unit of this attribute is decimal degrees.  **Can be used only for on-net and leased line searches** | |
| Longitude | | String, 30 characters | | Longitude co-ordinate of an address. Along with latitude, requestor can look up colt fibre connectivity and leased line options provided by suppliers using geo-codes. Valid only for fibre connectivity look up. Unit of this attribute is decimal degrees.  **Can be used only for on-net and leased line searches** | |
| Radius | | String, 5 characters | | In case if Latitude and Longitude are provided then this attribute will specify the radius around the Latitude and Longitude within which fibre connectivity is looked up. Unit of this attribute is in meters. In case if Latitude and Longitude are provided without a value for Radius default radius value is 500 (meters).  Recommended value is 100. | |
| Long address | | String, 100 characters | | This field provides flexibility to the requestor to send an approximate address containing all possible textual address fields in one value. This is a string containing human-readable address of a site address. This attribute will be composed of one or more address components. An example can be ‘St. Botolph Street, London’.  **Valid only for on-net searches.** | |
| Site telephone number | | String, 30 characters | | Telephone number of the address for looking up DSL based connectivity information.  **Mandatory for DSL Checks for Spain and France.** | |
| ConnectivityType | | **Mandatory**  String enumerator | | Mandatory field specifying the connectivity option being searched.  COLT FIBER – only show COLT FIBER availability information in response.  DSL – only show DSL (off-net) availability information in response. This includes ULL DSL and 3rd party DSL.  LEASED LINE – only show LEASED LINE (OLO) availability information in response.  ALL - this will specify ALL connectivity options are to be looked up. | |
| Colt product | | String enumerator | | Specifies the name of Colt product being looked up. List of valid product names are provided in Appendix D together with the available bandwidth. **Mandatory for DSL and Leased Line checks.**  **Mandatory for VLE product** | |
| Bandwidth | | String | | Value of the bandwidth that is being looked up for a given address. Available bandwidths can be found in Appendix D.  **Mandatory for DSL and Leased Line checks.** | |
| RequestID | | **Mandatory**  Integer | | Every request to check connectivity must have a numeric request ID value provided by requestor.  Within a single request, requestID must be unique for each site (or combination of sites for p2p products) in case of sending multiple requests.  Checkconnectivity response will provide the same requestID. | |
| pribriQuantity | | String | | **Mandatory only for VLE product.**  **Invalid cases:**   * 1/2Pri with any country other than France * pribriQuantity greater than 2PRI for ConnectivityType DSL | |
| isConvergedVL | | Ture/False | | **Mandatory only for VLE product.**   * IsConvergedVL is false and bandwidth is not provided * IsConvergedVL is true and bandwidth is provided | |

## Technical Specification – checkConnectivity Response

Due to the large amount of information which might be returned for a Connectivity Check Request, the response is segregated into the following sections.

**Status <Connectivitytype>**

This block of response will provide availability of a particular connectivity option.

* **On-net status** block contains information related to fibre connected buildings.
* **Near-Net Status** block contains information related to fibre connected buildings when there is no on-net result available.
* **OLO status** block will contain information related to leased line options

**NOTE:** Kindly ignore oloStatus section for OLO queries. It was supported till Version 2 and it is present in the WSDL definition for backward compatibility.

* **OLO options status** block will contain more information related to the leased line options provided by suppliers operating within the given area. This block is further segregated into:
  + Supplier onnet option block will contain information of which suppliers operate and have onnet buildings within the vicinity of the searched address. These suppliers offer the same product and bandwidth configuration requested for. This information comes complete with the supplier’s name and the supplier’s product name where available. The information is extracted from Supplier systems using M2M interfaces.
  + Supplier offnet option block will contain more information of which suppliers operate and have offnet buildings within the vicinity of the searched address. These suppliers offer the same product and bandwidth configuration requested for. This information comes complete with the supplier’s name and the supplier’s product name. The information is extracted from Supplier systems using M2M interfaces.  
    OLO Options will only show availability for Colt Ethernet Line, Colt Ethernet Hub and Spoke and Colt Ethernet VPN.
* **Offnet status** will contain information related to DSL and 3rd party DSL options. This information is extracted by this Colt service from Suppliers systems using M2M interfaces. This is available for countries BE, FR, DE, IT, NL, ES UK ,CH, AT and PT only.

**ULL DSL** check for Germany, Spain, France, Belgium, Netherlands, Italy, Switzerland, Austria and Portugal.

**wDSL** check for Germany, Spain, France, Belgium, Netherlands and United Kingdom.

* **OffnetOption status** will also contain information related to DSL and 3rd party DSL options. This is approximate information extracted from Colt database. Colt database is populated with supplier informations in offline manner. It is advisable to contact Colt before ordering this option. This is available for all countries.

**Note: OffnetOption** **status** provides the indicative availability with respect to available supplier which is approximate information extracted from Colt database. **Offnet Status** provides information related to DSL and 3rd party DSL options. This information is extracted by this Colt service from Suppliers systems using M2M interfaces.

Price for the ULL DSL and 3rd party DSL providers can only be quoted when Check connectivity provides AVAILABLE status under **offnet** Status. It should **NOT** be raised on basis on **offnetoptionstatus** availability.

For eg: If the Check connectivity response contains below information for DSL search:

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017062347</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>12</ax:premisesNumber>  <ax:streetName>niederlassung</ax:streetName>  <ax:cityTown>Saarlouis</ax:cityTown>  <ax:postalZipCode>66740</ax:postalZipCode>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:offNetOptionStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>W0011</ax:messageCode>  <ax:offNetOptionAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>10Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>QSC</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2089233</ax:pointID>  <ax:postCode>66740</ax:postCode>  <ax:cityName>Saarlouis</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>10Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>TELEFONICA</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2091294</ax:pointID>  <ax:postCode>66740</ax:postCode>  <ax:cityName>Saarlouis</ax:cityName>  </ax:offNetOptionResult>  </ax:offNetOptionAEndResult>  </ax:offNetOptionStatus>  <ax:offNetStatus>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:messageCode>I0011</ax:messageCode>  </ax:offNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

Here as **OFFNETSTATUS** is **NOT-AVAILABLE**, it is not recommended to go for the price check for DSL on the basis of **OFFNETSTATUSOPTION** which shows result as **AVAILABLE** along with point ID.

Prices check should be done when we have availability under **OFFNETSTATUS** for DSL queries.

For Eg: If we get below response from Chech connectivity of DSL Search:

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017062383</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>2</ax:premisesNumber>  <ax:streetName>Henry-Ford-Straße</ax:streetName>  <ax:cityTown>Saarlouis</ax:cityTown>  <ax:postalZipCode>66740</ax:postalZipCode>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:offNetOptionStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>W0011</ax:messageCode>  <ax:offNetOptionAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>10Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>QSC</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2089233</ax:pointID>  <ax:postCode>66740</ax:postCode>  <ax:cityName>Saarlouis</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>10Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>TELEFONICA</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2091294</ax:pointID>  <ax:postCode>66740</ax:postCode>  <ax:cityName>Saarlouis</ax:cityName>  </ax:offNetOptionResult>  </ax:offNetOptionAEndResult>  </ax:offNetOptionStatus>  <ax:offNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>I0007</ax:messageCode>  <ax:localExchange>  <ax:exchangeDetail>  <ax:type>NO</ax:type>  <ax:coID/>  <ax:coName/>  <ax:sparePair/>  </ax:exchangeDetail>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>10M/10M2:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>10</ax:downstreamBandwidth>  <ax:contentionRatio>2:1</ax:contentionRatio>  <ax:upstreamBandwidth>10</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>QSC</ax:supplierName>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>L2TP</ax:accessTechnology>  <ax:dslLineType>SHDSL</ax:dslLineType>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:messageCode>I0014</ax:messageCode>  </ax:availableOption>  </ax:localExchange>  </ax:offNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

Since **OFFNETSTATUS** is **AVAILABLE** here, price check should be done against the point id(available under offnetStatusOption tag) for that Supplier(In this case its QSC) whose connectivity information such as **suppliername**, **serviceType**,**accessTechnology** & **coltProduct** are present under the **OFFNETSTATUS**.

Within each status block, all available results within that category would be listed using ‘<connectivitytype>result’ block.

**Siteoutput address**

This includes all the attributes for a site address from input request.

**Error and messages**

Checkconnectivity response might provide a list of error and message codes for a particular section. These messages are classified in 3 categories.

Ixxxxx – for information messages

Wxxxx – warning messages and

Exxxx – error messages

The list of messages and corresponding codes are attached in Appendix E.

The following table lists the attributes possible in the response.

| **Attribute/Object Name** | **Hierarchy Classification** | **Comments** |
| --- | --- | --- |
| Response | Root level | Enumerator which specifies if at least one of the connectivity options has any result (particular connectivity would have status “AVAILABLE” or “NOT-AVAILABLE”).  Possible values are:  AVAILABLE NOT-AVAILABLE ERROR  Example: Request for fibre connectivity for a particular address might result in on-net status node (described below) and might have status “NOT-AVAILABLE” while the response tag would say “AVAILABLE”. |
| Error | Root level | This block will specify – in case of ‘ERROR’ within response – the type of error and error code(s).  See Appendix C for list of errors. |
| Sequence ID | Root level | Unique ID assigned by Colt to the particular response. This ID can be used for reporting any issues or for correspondence. |
| Request Type | Root level | Same value as request type from input. |
| Status | Local site address | This field specifies if the service was able to determine any options based on the input address. Possible values are: AVAILABLE NOT-AVAILABLE ERROR |
| Error | Local site address | This block will specify – in case of ‘NOT-AVAILABLE’ within status – the type of error and the error code(s). See Appendix C for list of errors |
| Request ID | Local site address | Same value as request ID sent in the originator request. |
| Site output address | Local site address | Same values as the input address fields from the originator request. |
| On-net status | Local site address | This tag identifies Fibre options available for the input address. It will be present for each request ID with its individual status and error message only once. It could have one or  many on-net result tabs. |
| Near-Net Status | Local site address | This tag identifies Fibre options available for the input address. It will be present for each request ID with its individual status and error message only once. It could have one or  many near-net result tabs. |
| OLO status | Local site address | This tag identifies leased line options available for the input address. It will be present for each request ID with its individual status and error message only once. It could have one or  many OLO result tabs. |
| OLO option status | Local site address | This tag identifies leased line options of operating suppliers for the input address and geocode (longitude and latitude). It will further provide information of onnet buildings for the supplier within the vicinity of the inputted address as well as offnet buildings for the supplier where availability of the product and bandwidth configuration requested.  It will also provide offnet buildings for the supplier. |
| Off-net status | Local site address | This tag identifies DSL options available for the input address. This tag will be present for each request ID with its individual status and error message only once. It could have one or many Off-net result tabs. |
| Off-net option status | Local site address | This tag identifies DSL options available for the input address. This tag will be present for each request ID with its individual status and error message only once. It could have one or many Off-net result tabs. |
| Status | On-net status | Specifies if the service was able to determine any options based on the input address. Possible values are ‘AVAILABLE’ or ‘NOT-AVAILABLE’. |
| Error | On-net status | This block will specify – in case of ‘NOT-AVAILABLE’ within status – the type of error and error code(s).  Codes can be found in Appendix C. |
| Message code | On-net status | Highlights messages valid with the available option in the form of code. Different messages are provided through different instances of messagecode. The list of Messages can be found in Appendix C. |
| On-net result | On-net status | This block will provide details of various possible fibre connected locations around the searched address. Please check for values of Hierarchy classification ‘on-net result’. |
| Status | OLO status | Specifies if the service was able to determine any options based on the input address. Possible values are ‘AVAILABLE’ or ‘NOT-AVAILABLE’. |
| Error | OLO status | This block will specify – in case of ‘NOT-AVAILABLE’ within status – the type of error and error code(s). Codes can be found in Appendix C. |
| Message code | OLO status | Highlights messages valid with the available option in the form of code. Different messages are provided through different instances of messagecode. Codes can be found in Appendix C. |
| OLO result | OLO status | This block will provide details of various possible leased line options on the searched address. Please check for values of Hierarchy classification ‘on-net result’. |
| Status | OLO option status | Specifies if the service was able to determine any options based on the input address. Possible values are ‘AVAILABLE’ or ‘NOT-AVAILABLE’. |
| Error | OLO option status | This block will specify – in case of ‘NOT-AVAILABLE’ within status – the type of error and error code(s). Codes can be found in Appendix C. |
| Message code | OLO option status | Highlights messages valid with the available option in the form of code. Different messages are provided through different instances of messagecode. Codes can be found in Appendix C. |
| OLO Option result | OLO option status | This block will provide details of leased line options of operating suppliers for the input address and geocode (longitude and latitude). It will further provide information of onnet buildings for the supplier within the vicinity of the inputted address as well as offnet buildings for the supplier where availability of the product and bandwidth configuration requested.  Please check for values of Hierarchy classification ‘on-net result’. |
| Status | Off-net status | Specifies if the service was able to determine any options based on the input address. Possible values are ‘AVAILABLE’ or ‘NOT-AVAILABLE’. |
| Error | Off-net status | This block will specify – in case of ‘NOT-AVAILABLE’ within status – the type of error and error code(s). Codes can be found in Appendix C. |
| Message code | Off-net status | Highlights messages valid with the available option in the form of code. Different messages are provided through different instances of messagecode. Codes can be found in Appendix C. |
| Local exchange | Off-net status | This block will provide details of various DSL options available through nearest exchange from the input address. |
| Status | Off-net option status | Specifies if the service was able to determine any options based on the input address. Possible values are ‘AVAILABLE’ or ‘NOT-AVAILABLE’. |
| Error | Off-net option status | This block will specify – in case of ‘NOT-AVAILABLE’ within status – the type of error and error code(s). Codes can be found in Appendix C. |
| Message code | Off-net option status | Highlights messages valid with the available option in the form of code. Different messages are provided through different instances of messagecode. Codes can be found in Appendix C. |
| OffNet option result | Off-net option status | This block will provide details of various DSL options available for the input address. |
| Building status | On-net result | Specifies whether the on-net building is active or inactive. |
| Building ID | On-net result | Provides a unique ID of the building assigned by colt. |
| Colt operating country | On-net result | Name of the country from available list. |
| English city name | On-net result | City name. |
| postcode/zip-code | On-net result | Postcode/zip-code of the on-net building. |
| Premise number | On-net Result | House/building number of the premise for on-net buildings. |
| Alternative house number | On-net result | In some countries, house numbers have an alias which – if available – will be highlighted under this attribute. |
| Building name | On-net result | Name of the on-net building if available. |
| Building Category | On-net result | Category of the on net building type. |
| Street name | On-net result | Name of the street of the on-net building. |
| Alternative street name | On-net result | In some countries, street names have an alias which – if available – will be highlighted under this attribute. |
| Carrier hotel | On-net result | This attribute specifies whether the particular on-net building is a carrier hotel or not. Possible values are neutral or non-neutral. |
| Latitude | On-net result | Provides latitude geo-code for the particular on-net building. |
| Longitude | On-net result | Provides longitude geo-code for the particular on-net building. |
| Bandwidth | On-net result | Specifies the bandwidth available on the on-net building. All bandwidths are possible for on-net searches. In case a specific bandwidth is requested, the response will provide the specific bandwidth. Otherwise the attribute will not be shown. |
| Building connectivity type | On-net result | Provides building Connectivity Information.  Eg. Colt Fibre |
| Distance | On-net result | Specifies straight line distance (in meters) between the input address and the particular on-net building. |
| Colt product | On-net result | Lists the product(s) available at the particular on-net building. All products will be shown for on-net. |
| Point ID | On-net result | Provides an unique ID of the on-net building which can be used to obtain price . |
| Common equipment area available | On-net result | In certain on-net buildings there are common equipment areas which would be highlighted by this attribute.  Value is “true” or “false”. |
| Floor of the CEA | On-net result | If the building has a common equipment area than this attribute specifies the floor (if above is “true”). |
| Inhouse Cabling via Colt possible | On-net result | If Colt can provide in-house cabling at this location or not, is specified within this attribute. Value is “true” or “false”. |
| Dual entry availability | On-net result | Dual entry availability is specified within this field. Value is “true” or “false”. |
| AccessTechnology | On-net result | Provide information from Premise Master |
| Reachable | On-net result | Provide information from Premise Master |
| Proactively Capacity Managed | On-net result | Provide information from Premise Master |
| Message code | On-net result | Provides list of messages valid for this on-net building form of codes. See Appendix C. |
| HostDetailResult | On-net result | Provide connectivity information for NTT building for Japan Site Address |
| Product | On-net result | Provides product information for NTT Building response under HostDetailResult tag |
| Bandwidth Availibility | On-net result | Provides Bandwidth information for NTT Building response under HostDetailResult tag |
| Class | On-net result | Porvides class value. The value can be Protected or Unprotected depending upon connectivity for NTT Building |
| Host GC Name | On-net result | Provides name of the GC which is going to service this connection |
| Lead Time | On-net result | Maxmimum time required for Connection |
| Premises Number | NearNet result | House/building number of the address Near Net request |
| Street Name | NearNet result | Name of the street of the searched for Near Net |
| City Name | NearNet result | City name of the searched for near Net |
| Post Code | NearNet result | Post code of the address searched for near net |
| Colt Operating Country | NearNet result | Name of the country from available list. |
| Latitude | NearNet result | Provides latitude geo-code for the particular building, which is near Net for the supplier. |
| Longitude | NearNet result | Provides Longitude geo-code for the particular building, which is near Net for the supplier |
| IsNearNet | NearNet result | Return **true** if Site address is near net |
| Nearnet Distance | NearNet result | Distance value of the near net |
| Indicative Lead Time | NearNet result | Maxmimum time required for Connection |
| Point ID | NearNet result | Provides an unique ID for the searched address . |
| Colt Product | NearNet result | Lists the product(s) available at the particular fibre location. |
| Message Code | NearNet result | Provides list of messages valid with the Colt Fibre |
| Notes | NearNet result | Fixed value which provides information about Near Net |
| Colt operating country | OLO result | Name of the country from available list. |
| Colt product | OLO result | Lists the product(s) available at the particular fibre location. |
| Supplier name | OLO result | Provides supplier name who offers the leased line. |
| Access type | OLO result | Name of the access type. Value as ‘Leased Line’ |
| Bandwidth | OLO result | Specifies the bandwidth available with the leased line option. |
| Point ID | OLO result | Provides an unique ID for the searched address . This value can be used in the checkPrice request to obtain a price at this location. |
| Premises number | OLO result | House/building number of the address for leased line location. |
| Street name | OLO result | Name of the street of the searched OLO-address. |
| Postcode/zip-code | OLO result | Postcode/zip-code of the searched OLO-address. |
| City name | OLO result | City name of the searched OLO-address. |
| Message code | OLO result | Provides list of messages valid with the leased line option in form of codes.  See Appendix C. |
| Supplier Onnet Option | OLO Option result | Provides a list of buildings within the vicinity of the original searched address that is on the network of the supplier (i.e. supplier-onnet). |
| Colt operating country | Supplier Onnet Option | Name of the country from available list. |
| City name | Supplier Onnet Option | City name of the searched OLO option-address |
| Postcode/zip-code | Supplier Onnet Option | Postcode/zip-code of the supplier onnet building within the vicinity of the searched OLO-address |
| Street name | Supplier Onnet Option | Name of the street where the supplier onnet building is located, within the vicinity of the searched OLO-address. |
| Latitude | Supplier Onnet Option | Provides latitude geo-code for the particular building, which is onnet for the supplier. |
| Longitude | Supplier Onnet Option | Provides longitude geo-code for the particular building, which is onnet for the supplier. |
| Colt product | Supplier Onnet Option | Specifies the Colt product available at the particular location |
| Supplier Name | Supplier Onnet Option | Provides supplier name who offers the leased line. |
| Supplier Product | Supplier Onnet Option | Provides the name of the supplier product available at the particular location. |
| Bandwidth | Supplier Onnet Option | Specifies the bandwidth available with the leased line option which is onnet for the supplier. |
| Supplier Offnet Option | OLO Option result | Provides a list of buildings for the original searched address, that is offnet for the listed supplier |
| Colt operating country | Supplier Offnet Option | Name of the country from available list. |
| City name | Supplier Offnet Option | City name of the searched OLO -address and geocode. |
| Postcode/zip-code | Supplier Offnet Option | Postcode/zip-code of the supplier offnet building for the searched OLO-address and geocode |
| Street name | Supplier Offnet Option | Name of the street where the supplier offnet building is located, for the searched OLO-address and geocode. |
| Latitude | Supplier Offnet Option | Provides latitude geo-code for the particular building, which is offnet for the supplier. |
| Longitude | Supplier Offnet Option | Provides longitude geo-code for the particular building, which is offnet for the supplier. |
| Colt product | Supplier Offnet Option | Specifies the Colt product available at the particular location |
| Supplier Name | Supplier Offnet Option | Provides supplier name who offers the leased line. |
| Supplier Product | Supplier Offnet Option | Provides the name of the supplier product available at the particular location. |
| Bandwidth | Supplier Offnet Option | Specifies the bandwidth available with the leased line option which is onnet for the supplier. |
| Bandwidth | OffNet option result | Specifies the bandwidth available with the offNet option |
| Access Type | OffNet option result | Name of the access type. Value as ‘ULL DSL’ |
| Colt operating country | OffNet option result | Name of the country from available list. |
| Supplier name | OffNet option result | Provides supplier name who offers the DSL. |
| Service type | OffNet option result | Specifies whether the particular option is ULL DSL |
| Colt product | OffNet option result | Specifies the name of Colt product being looked up. |
| Point ID | OffNet option result | Provides an unique ID for the searched address . This value can be used in the checkPrice request to obtain a price at this location. |
| Post code | OffNet option result | Postal code of the address. |
| Street name | OffNet option result | Name of the street of the address. |
| City Name | OffNet option result | City name of the searched address. |
| Building name | OffNet option result | Building name of the address. |
| Premises number | OffNet option result | House/building number of the address. |
| Message code | OffNet option result | Provides list of messages valid with this exchange in form of codes. |
| Type | Exchange detail | This specifies the nearest exchange (Central Office) for either A-End or B-End address (in case if P2P product was requested) or none for site product.  Values are AEND, BEND or NO. |
| Central Office (CO) ID | Exchange detail | Provides a unique exchange ID. |
| CO name | Exchange detail | Name of the exchange. |
| CO address | Exchange detail | Address of the exchange. |
| CO Distance | Exchange detail | Driving Distance (in meters) of exchange from input address. |
| CO distance calculate using | Exchange detail | Specifies whether exchange distance was calculated using address or telephone number. |
| CO distance calculate by | Exchange detail | This attribute will specify whether Colt calculated the distance between requested address and exchange or the distance was provided by supplier M2M interface. |
| Spare pair | Exchange detail | Enlists number of spare pairs available at the exchange – if info is available (depends on supplier). |
| Attenuation | Exchange detail | Provides the attenuation details – if available. |
| Message code | Exchange detail | Provides list of messages valid with this exchange in form of codes. This will also include accuracy rating messages.  See Appendix C. |
| Accuracy rating | Exchange detail | Provides a marker of accuracy of distance calculation. |
| Bandwidth | Available option/  Available B-End option | Specifies the bandwidth available with the DSL option. It is an object which details up stream, downstream bandwidths within it self. This object would be present for A and B end in case of p2p products. |
| Colt operating country | Available option/  Available B-End option | Name of the country from available list. This attribute would be present for A-End and B-End in case of p2p products. |
| Supplier name | Available option/  Available B-End option | Provides supplier name who offers the DSL. Available only in special circumstances. This attribute would be present for A and B end in case of p2p products. |
| Required pairs | Available option/  Available B-End option | Enlists the number of pairs required to provide the particular DSL option. This attribute would be present for A and B end in case of p2p products. |
| Service type | Available option/  Available B-End option | Specifies whether the particular option is Colt fibre, leased line or DSL. This helps in scenarios where p2p products are delivered using fibre on A-end and DSL on B-End for example. |
| Access technology | Available option/  Available B-End option | Provides the technology underpinning the access for DSL option. This attribute would be present for A-End and B-End in case of p2p products. |
| DSL line type | Available option/  Available B-End option | What type of DSL is provided is highlighted within this attribute. This attribute would be present for A-End and B-End in case of p2p products.  “GPON/FTTP” is added as a new DSL line type in version 2.0. |
| Colt fibre active | Available option/  Available B-End option | Attribute shows for p2p products, whether the status of an on-net building is active or inactive (applies for A-end and B-end). See also attribute "building status". |
| Colt product | Available option/  Available B-End option | Lists the product(s) available at the particular fibre location. This attribute would be present for A-End and B-End in case of p2p products. |
| Extensions | Available option/  Available B-End option | In some special cases, if any extensions are required with the DSL option, they are specified as name value pair within this object. This attribute would be present for A-End and B-End in case of p2p products. |
| Point ID | Available option/  Available B-End option | Provides a unique ID of the DSL which can be used to obtain price. This attribute would be present for A-End and B-End in case of p2p products. |
| Message code | Available option/  Available B-End option | Highlights messages valid with the available option in the form of code. Different messages are provided through different instances of messagecode. This attribute would be present for A-End and B-End in case of p2p products.  See Appendix E. |

## Sample Request Response:

### e-bonding Standalone

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| **Request:**  <soapenv:Envelopexmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>ALL</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>4</con:premisesNumber>  <con:streetName>Herrio</con:streetName>  <con:cityTown>Frankfurt</con:cityTown>  <con:postalZipCode>6052</con:postalZipCode>  <con:coltOperatingCountry>Germany</con:coltOperatingCountry>  <con:requiredProduct>Colt IP Access</con:requiredProduct>  <con:bandwidth>2Mbps</con:bandwidth>  <con:connectivityType>COLT Fibre</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017891505</ax:sequenceId>  <ax:requestType>ALL</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>4</ax:premisesNumber>  <ax:streetName>Herrio</ax:streetName>  <ax:cityTown>Frankfurt</ax:cityTown>  <ax:postalZipCode>6052</ax:postalZipCode>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:onNetAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:onNetResult>  <ax:buildingStatus>ACTIVE</ax:buildingStatus>  <ax:buildingID>DEFRA-0000011440</ax:buildingID>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:englishCityName>Frankfurt Am Main</ax:englishCityName>  <ax:postCode>60528</ax:postCode>  <ax:premisesNumber>4</ax:premisesNumber>  <ax:buildingName/>  <ax:buildingCategory>Standard Building</ax:buildingCategory>  <ax:streetName>Herriotstrasse</ax:streetName>  <ax:latitude>50.0798432592134</ax:latitude>  <ax:longitude>8.6283048784748</ax:longitude>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:buildingConnectivityType>Colt Fibre</ax:buildingConnectivityType>  <ax:distance/>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>11440</ax:pointID>  <ax:flooroftheCEA>01UG</ax:flooroftheCEA>  <ax:alternativeStreetName>Herriotstraße</ax:alternativeStreetName>  <ax:alternativeHouseNumber/>  <ax:commonEquipmentarea>YES</ax:commonEquipmentarea>  <ax:inhouseCablingviaCOLTpossible>NO</ax:inhouseCablingviaCOLTpossible>  <ax:dualEntryAvailability>NO</ax:dualEntryAvailability>  <ax:accessTechnology>NONE</ax:accessTechnology>  <ax:reachable>ETHERNET OVER MMSP</ax:reachable>  <ax:proactivelyCapacityManaged>NONE</ax:proactivelyCapacityManaged>  <ax:messageCode>I0010</ax:messageCode>  <ax:CEAFloorText>Floor 01UG</ax:CEAFloorText>  </ax:onNetResult>  </ax:onNetAEndResult>  </ax:onNetStatus>  <ax:nearNetStatus>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:nearNetAEndResult>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:nearNetResult/>  </ax:nearNetAEndResult>  </ax:nearNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

### Without pribriQuantity

Note: There is no response for VLE products when pribriQuantity is not present in cc request

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| Request:  <soapenv:Envelopexmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>ALL</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>16</con:premisesNumber>  <con:streetName>Rue Friant</con:streetName>  <con:cityTown>Paris</con:cityTown>  <con:postalZipCode>75014</con:postalZipCode>  <con:coltOperatingCountry>France</con:coltOperatingCountry>  <con:requiredProduct>Colt Voice Line (v)</con:requiredProduct>  <con:isConvergedVL>false</con:isConvergedVL>  <con:connectivityType>ALL</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>NOT-AVAILABLE</ax:response>  <ax:sequenceId>017891690</ax:sequenceId>  <ax:requestType>ALL</ax:requestType>  <ax:localSiteAddress>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0069</ax:errorCode>  </ax:error>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>16</ax:premisesNumber>  <ax:streetName>Rue Friant</ax:streetName>  <ax:cityTown>Paris</ax:cityTown>  <ax:postalZipCode>75014</ax:postalZipCode>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

### With Converged and Connectivity Type as Colt Fibre

|  |
| --- |
| Request:  <soapenv:Envelopexmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>ALL</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>16</con:premisesNumber>  <con:streetName>Rue Friant</con:streetName>  <con:cityTown>Paris</con:cityTown>  <con:postalZipCode>75014</con:postalZipCode>  <con:coltOperatingCountry>France</con:coltOperatingCountry>  <con:requiredProduct>Colt Voice Line (v)</con:requiredProduct>  <con:isConvergedVL>true</con:isConvergedVL>  <con:pribriQuantity>4BRI</con:pribriQuantity>  <con:bandwidth>2Mbps</con:bandwidth>  <con:connectivityType>COLT Fibre</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017891747</ax:sequenceId>  <ax:requestType>ALL</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>16</ax:premisesNumber>  <ax:streetName>Rue Friant</ax:streetName>  <ax:cityTown>Paris</ax:cityTown>  <ax:postalZipCode>75014</ax:postalZipCode>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:onNetAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:onNetResult>  <ax:buildingStatus>INACTIVE</ax:buildingStatus>  <ax:buildingID>FRPAR-0000008289</ax:buildingID>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:englishCityName>Paris</ax:englishCityName>  <ax:postCode>75014</ax:postCode>  <ax:premisesNumber>16</ax:premisesNumber>  <ax:buildingName/>  <ax:buildingCategory>Standard Building</ax:buildingCategory>  <ax:streetName>Rue Friant</ax:streetName>  <ax:latitude>48.8257559245693</ax:latitude>  <ax:longitude>2.32391752148155</ax:longitude>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:buildingConnectivityType>Colt Fibre</ax:buildingConnectivityType>  <ax:distance/>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:pointID>8289</ax:pointID>  <ax:flooroftheCEA/>  <ax:alternativeStreetName>Rue Friant</ax:alternativeStreetName>  <ax:alternativeHouseNumber/>  <ax:commonEquipmentarea>NO</ax:commonEquipmentarea>  <ax:inhouseCablingviaCOLTpossible>NO</ax:inhouseCablingviaCOLTpossible>  <ax:dualEntryAvailability>NO</ax:dualEntryAvailability>  <ax:accessTechnology>NONE</ax:accessTechnology>  <ax:reachable>ETHERNET OVER MMSP</ax:reachable>  <ax:proactivelyCapacityManaged>NONE</ax:proactivelyCapacityManaged>  <ax:messageCode>I0009</ax:messageCode>  <ax:CEAFloorText/>  </ax:onNetResult>  </ax:onNetAEndResult>  </ax:onNetStatus>  <ax:nearNetStatus>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:nearNetAEndResult>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:nearNetResult/>  </ax:nearNetAEndResult>  </ax:nearNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

### With Converged and Connectivity Type as DSL

|  |
| --- |
| Request:  <soapenv:Envelopexmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>ALL</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>16</con:premisesNumber>  <con:streetName>Rue Friant</con:streetName>  <con:cityTown>Paris</con:cityTown>  <con:postalZipCode>75014</con:postalZipCode>  <con:coltOperatingCountry>France</con:coltOperatingCountry>  <con:requiredProduct>Colt Voice Line (v)</con:requiredProduct>  <con:isConvergedVL>true</con:isConvergedVL>  <con:pribriQuantity>4BRI</con:pribriQuantity>  <con:bandwidth>2Mbps</con:bandwidth>  <con:connectivityType>DSL</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017891794</ax:sequenceId>  <ax:requestType>ALL</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>16</ax:premisesNumber>  <ax:streetName>Rue Friant</ax:streetName>  <ax:cityTown>Paris</ax:cityTown>  <ax:postalZipCode>75014</ax:postalZipCode>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:offNetOptionStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>W0011</ax:messageCode>  <ax:offNetOptionAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:pointID>2773328</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:streetName>Service: ORANGE CELAN cuivre</ax:streetName>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>SFR</ax:supplierName>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:pointID>2938112</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:streetName>Service: SFR REFLEX</ax:streetName>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:pointID>2975972</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:streetName>Service: ORANGE DSLE C1</ax:streetName>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>ULL DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:pointID>2129811</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  </ax:offNetOptionAEndResult>  </ax:offNetOptionStatus>  <ax:offNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>I0007</ax:messageCode>  <ax:localExchange>  <ax:exchangeDetail>  <ax:type>NO</ax:type>  <ax:coType>C1</ax:coType>  <ax:coID>FR-FTFR-75114BNE</ax:coID>  <ax:coName>FR-FTFR-75114BNE</ax:coName>  <ax:coDistance>1433.0</ax:coDistance>  <ax:coDistanceCalculateUsing>Address</ax:coDistanceCalculateUsing>  <ax:sparePair>49</ax:sparePair>  <ax:accuracyRating>High</ax:accuracyRating>  <ax:pairLength>04 01433</ax:pairLength>  </ax:exchangeDetail>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M1:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>1:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:requiredPairs>1</ax:requiredPairs>  <ax:serviceType>ULL DSL</ax:serviceType>  <ax:accessTechnology>EFM</ax:accessTechnology>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M1:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>1:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>ETH</ax:accessTechnology>  <ax:dslLineType>SDSL</ax:dslLineType>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M8:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>8:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:requiredPairs>1</ax:requiredPairs>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>ATM</ax:accessTechnology>  <ax:dslLineType>SHDSL</ax:dslLineType>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M4:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>4:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:requiredPairs>1</ax:requiredPairs>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>ATM</ax:accessTechnology>  <ax:dslLineType>SHDSL</ax:dslLineType>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M1:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>1:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:requiredPairs>1</ax:requiredPairs>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>ATM</ax:accessTechnology>  <ax:dslLineType>SHDSL</ax:dslLineType>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M1:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>1:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:pribriQuantity>4BRI</ax:pribriQuantity>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>SFR</ax:supplierName>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>L2TP</ax:accessTechnology>  <ax:dslLineType>SHDSL</ax:dslLineType>  <ax:coltProduct>Colt Voice Line (v)</ax:coltProduct>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  </ax:localExchange>  </ax:offNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

### PribriQuantity is 1/2PRI

Note:

* ½ Pri is valid only for France
* Error response is received if 1/2PRI is passed as pribriQuantity in request for country other than France

|  |
| --- |
| Request:  <soapenv:Envelopexmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>225</con:premisesNumber>  <con:streetName>Rue du Bilemont</con:streetName>  <con:cityTown>Mouscron</con:cityTown>  <con:postalZipCode>7700</con:postalZipCode>  <con:coltOperatingCountry>Belgium</con:coltOperatingCountry>  <con:requiredProduct>Colt Voice Line (v)</con:requiredProduct>  <con:isConvergedVL>false</con:isConvergedVL>  <con:pribriQuantity>1/2PRI</con:pribriQuantity>  <con:connectivityType>ALL</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>NOT-AVAILABLE</ax:response>  <ax:sequenceId>017892043</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0056</ax:errorCode>  </ax:error>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>225</ax:premisesNumber>  <ax:streetName>Rue du Bilemont</ax:streetName>  <ax:cityTown>Mouscron</ax:cityTown>  <ax:postalZipCode>7700</ax:postalZipCode>  <ax:coltOperatingCountry>Belgium</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

### PribriQuantity is greater than 2PRI for DSL

Note: DSL is valid till 2PRI, error response is received if pribriQuantity is greater than 2PRI for connectivity type DSL

|  |
| --- |
| Request:  <soapenv:Envelopexmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>16</con:premisesNumber>  <con:streetName>Rue Friant</con:streetName>  <con:cityTown>Paris</con:cityTown>  <con:postalZipCode>75014</con:postalZipCode>  <con:coltOperatingCountry>France</con:coltOperatingCountry>  <con:requiredProduct>Colt Voice Line (v)</con:requiredProduct>  <con:isConvergedVL>true</con:isConvergedVL>  <con:pribriQuantity>6BRI</con:pribriQuantity>  <con:bandwidth>20Mbps</con:bandwidth>  <con:connectivityType>DSL</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017892103</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>16</ax:premisesNumber>  <ax:streetName>Rue Friant</ax:streetName>  <ax:cityTown>Paris</ax:cityTown>  <ax:postalZipCode>75014</ax:postalZipCode>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:offNetOptionStatus>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:messageCode>I0040</ax:messageCode>  <ax:offNetOptionAEndResult>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:messageCode>I0040</ax:messageCode>  </ax:offNetOptionAEndResult>  </ax:offNetOptionStatus>  <ax:offNetStatus>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:messageCode>I0040</ax:messageCode>  </ax:offNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

## checkConnectivity – Hints & Tips

Availability of locations can be searched in multiple ways. The minimum information to be provided is either

* Longitude, latitude information and country
* country and postcode/zip-code
* country, city name and street-name

The minimum of characters for postcode/zip-code, city name and streetname is at least three.

In case the information you populated is not specific enough (e.g. Country, City and part of a street name), you will get up to 50 search results; you will need to add additional information to your search criteria to find all matches.

Searching for longitude and latitude information will show you search results within a defined radius. The recommended radius is 100 meters. If the field stays empty, the default value is 500 meters.

To get Leased Line and DSL results full address information plus product and bandwidths combination is required.

**Hints:**

* The system allows you to search for longitude and latitude information. A possible search-combination is to enter longitude/latitude information plus address details. In this case the system will always use longitude/latitude information to search for Colt fiber or leased line connected buildings. In case of Colt Fibre if there is no information available for longitude/latitude, the system will search using the address information. To view supplier leased line options and determine whether the options are onnet or offnet for the supplier, longitude and longitude, along with the complete address (postcode, building number or name, streetname, city and country) is mandatory.
* The system supports special characters such as Ä, Ö, Ü, ß, Å,Æ etc. (see table below)
* You can use %-character as a wildcard
* **For DSL checks:** You can select a bandwidth for the location you are looking for. However, if you leave the bandwidth-field blank, the system will show you all available bandwidths for the particular address. If no bandwidth is provided, the response time can be significantly higher. For Leased Line and DSL checks address information is required.
* **For Leased Line:** Bandwidth and product information is mandatory. This is required to provide the most accurate information about supplier offer availability.

Caution should be exercised when selecting a supplier onnet OLO Option. These may not match the original searched address; rather it is a vicinity search.

* The **Point ID** field in the response message provides a unique ID for the searched address and access type combination. The Point ID values should be used in the checkPrice request to obtain a price at this location.

**Search recommendation:**

* Search for longitude/latitude information to have most accurate information. You can choose a radius, within which all on-net locations will be shown. Recommendation is a value of 100 meters for the radius.
* In case longitude/latitude information is not available, please search for country and postcode/zip-code information plus parts of the street name. Please use at least three letters of a street name.
* In case the maximum number of 50 search results is exceeded, please specify the search by using additional information (building number, building name, street name etc.).

**Table of supported special characters:**

|  |  |
| --- | --- |
| **Special Character** | **Equivalent character** |
| Ä | AE |
| Å | AA |
| Æ | AE |
| Ö | OE |
| Ø | OE |
| Ü | UE |
| ß | ss |
| Ä | ae |
| Å | ae |
| Æ | ae |
| Ö | oe |
| Ø | oe |
| Ü | ue |
| È | E |
| È | e |

# About the Check Price API

The Check Price API enables you to check prices for connectivity across a number of countries for a variety of Colt products. Prices are available for various product and bandwidth combinations plus for a number of product add-ons. For the full list of countries, supported product and bandwidth combinations and product add-ons that are available, please refer to the Appendix. The price can be provided in one of these currencies- GBP, EUR, SEK, CHF, DKK, JPY, HKD, SGD, USD,AUD,CNY for connectivity options via:

1. On-net: Colt fibre
2. Off-net: ULL DSL or 3rd party DSL
3. Off-net: 3rd party fibre connections.
4. Near-net : Colt Fibre

In addition to the prices, the following information is also available via the API:

* If pricing is available via 3rd party operators, it is possible to see the supplier name
* SLA information such as delivery lead time is available
* Building status information is available such as whether the building is active i.e. has equipment on premises; whether there is a common equipment area available in the building
* Price Level & GPCN information is available when the access is via 3rd Party Leased Lines. These reference numbers are used by the customer to order an off-net leased line service directly with 3rd party operators via Colt eOrder or by providing the reference on the Colt order form.

The API supports prices requests for products only, product add-ons only, or price checks for a combination of both products and the add-ons.

In a single price request, you can check prices for up to 5 different bandwidths for a product at a time, and specify up to 50 different addresses where you want to check connectivity (‘B-end’ address).

This document provides the detailed specification for the request and response messages including sample xml files.

**Note: The Check Price API will not work in isolation. It is designed to work together with the Check Connectivity API. i.e. both APIs have to be implemented in order to retrieve a price.**

**The checkConnectivity API must be called first and the ‘point ID’ information from the checkConnectivity response should be used in the checkPrice API request.**

## Technical specification – checkPrice Request

This section describes the input parameters for the CheckPriceRequest method:

### 4.1.1 CheckPriceRequest

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | **Data type** | **Comments** |
| **Parent Node: Root** | | | | |
| **sequenceId** | 1 | 1 | String  **Example:** 123456789 | This field will uniquely identify the request**.**  **XSD Validation** : [0-9] |
| **requestPrice** | 1 | 50 | List | This field will contain the list of requests. A maximum of 50 ‘requestPrice’ objects can be sent in a single request. |

### 4.1.2 RequestPrice object

**Each ‘requestPrice’ object consists of the following parameters:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node: CheckPriceRequest** | | | | |
| **requestID** | 1 | 1 | String  XSD Validation : [0-9]\*  **Example**: 1 | This field will uniquely identify each requestPrice object. The requestId value cannot be repeated for ‘requestPrice’ objects. |
| **OCN** | 1 | 1 | Mandatory  String  MaxLength : 20  **Example**: A69845 | Your Colt customer account number - the ‘OCN’ should be populated in this field.  Your organisation may have 1 or more OCNs with Colt.  If you have hubs and Points of Interconnect (A-ends) configured in APT, these are set-up against specific OCNs. So you need to ensure that the OCN provided in the API request is the one against which the hubs have been setup.  An easy way to check which OCN to use is to log into APT, select a hub and check the details displayed. The customer reference field shows the OCN associated with the selected A end.  Discuss with the Colt project manager if you are unsure which OCNs to use and request this information from Colt. |
| **requestType** | 1 | 1 | Mandatory  Enumeration  **Values:** a) SERVICE b) FEATURE c) SERVICEANDFEATURES | **SERVICE –** This value should be used to request prices for a product only. Product features will be ignored in the request if this field is set to Service.  **FEATURE –** This value should be used to request prices for product features only. Any product & bandwidth information in the request will be ignored.  **SERVICEANDFEATURES –** This value should be used to request prices for both the product and product features. It is mandatory to provide data for both the product and features if this value is selected. |
| **Service** | 1 | 1 | Mandatory  Enumeration  **Example** Colt IP Access | The field should hold the product name. See Appendix A for the list of products supported. |
| **serviceType** | 1 | 1 | Mandatory if – see comments  Enumeration  **Values** a) SITE b) P2P c) HNS d) NULL | This field is mandatory if the requestType is SERVICE or SERVICEANDFEATURES.  This field can have the following values:  **SITE:** should be used for the following services where only a B-end address is required :  Colt IP Access  Colt VoIP Access  Colt IP VPN  Colt IP Transit  Colt Voice Line  Colt Business Access Pack (with IP Voice Line)  Colt Business Access Pack (with VoIP)  Colt Business Messaging Pack,  Colt Business Security Pack  **P2P:** should be used for the following services if the A end address is manually specified by the user i.e. not pre-configured in the Colt pricing tool ‘APT’:  Colt Ethernet Line  **HNS:** should be used for the following services if the bearer/point of interconnect is pre-configured . In these cases, Colt will provide you with the list of network point ids corresponding to the A-ends :  Colt Ethernet Line  Colt Ethernet Hub and Spoke  **NULL:** should be used if the requestType is ‘Features’ |
| **networkPoints** | 0 | 1 | Mandatory if - see Comments  Object | This object is mandatory if the requestType is SERVICE or SERVICEANDFEATURES.  Each address (A-end/B-end address) has a corresponding ‘network point’ id to uniquely identify it. This object will contain the network point ids of the addresses in the search.  Refer to the Network Points object definition in Section 8.3 below for the specification. |
| **Features** | 0 | 1 | Mandatory if - see Comments  Object | This object is required if the requestType is FEATURES or SERVICEANDFEATURES  Refer to the Features object definition in Section 8.4 below for the specification. |
| **Bandwidth** | 0 | 5 | Mandatory if - see Comments  String  MaxLength : 50  **Example**: <2Mbps> <10Mbps> | Upton 5 bandwidths can be passed in one request.  This field is mandatory for all services except the Business Access Packs and VoIP Access products.  Please refer to Appendix A for the Bandwidths available for each product |
| **voiceChannel** | 0 | 1 | Mandatory if service = Colt VoIP Access  String  **Example**: 10 | This field is required when the service = Colt VoIP Access. It holds the value of voice channel.  Please refer to Appendix A to see the voice channels available |
| **packSize** | 0 | 1 | Mandatory if - see Comments  Enumeration  **Values** a) Branch b) Small c) Large d) Extra Large | This field is required when the service = Colt Business Access Pack (with IP Voice Line) or Colt Business Access Pack (with VoIP) |
| **Currency** | 0 | 1 | Enumeration  **Values** a)EUR b)SEK c)GBP d)CHF e) DKK  f) JPY  g) HKD  h) SGD  i) USD  j)AUD  k)CNY | If you want to view prices in a specific currency, then provide the value in this field.  If no currency is specified, then prices will default to the currency associated with the country. |
| **isSLAInfoRequired** | 0 | 1 | Enumeration  **Values**  a) TRUE  b) FALSE | This field is used to specify whether SLA information is required or not.  If a value is not specified, then the default value will be set to FALSE |
| **isPriceLevelGPCNRequired** | 0 | 1 | Enumeration  **Values**  a) TRUE  b) FALSE | This field is used to specify whether price level and GPCN information is required or not.  If a value is not specified, then the default value will be set to FALSE |
| **isSupplierInfoRequired** | 0 | 1 | Enumeration  **Values**  a) TRUE  b) FALSE | For off-net connectivity (DSL and leased lines) where the access is provided by a 3rd party supplier, this field is used to specify whether to show supplier name or not.  If a value is not specified, then the default value will be set to FALSE |
| **pribriQuantity** | 0 | 1 |  | Mandatory only for VLE product. |
| **isConvergedVLE** | 0 | 1 | **Values**  a) TRUE  b) FALSE | Mandatory only for VLE product.  IsConvergedVL is false and bandwidth is not provided  IsConvergedVL is true and bandwidth is provided |

### 4.1.3 NetworkPoints object

The address where connectivity is being checked is referred to as the ‘network point’. Each address has a ‘network point’ that uniquely identifies it.

Please contact Colt to provide you with the aEndNetworkPoint values for the following cases:

* The hub addresses for Colt LanLink hub and spoke
* bearer addresses for Colt Link Point to Multipoint
* If there are frequently used points of interconnect for Colt Link and Colt LanLink Point to Point

The B-end is the destination address that you want to connect to. The bEndNetworkPoint value should be taken from the response message of the Check connectivity API. The **Point ID** field from the response message of checkConnectivity should be used in this field.

It is important to note that to get a price for off-net connections - either DSL or 3rd Party fibre, the **postcode is mandatory** when you are checking connectivity. This is mentioned in the request specification of checkConnectivity (see attribute = PostalZipCode). If there isn’t a postcode included in the address, then off-net prices will NOT be returned.

**The NetworkPoints’ object consists of the following:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node: CheckPriceRequest.requestPrice** | | | | |
| **aEndNetworkPoint** | 0 | 1 | String  **Example**: 1568595 | This will contain the network point code of A-End location.  This value is required for the following products where A end addresses are present –  **Point to point products:**  Colt Ethernet Line  **Hub & Spoke products:**  If you have a Hub/bearer, then the AEndNetworkPoint corresponding to the hub/bearer address should be provided in this field for the following products:  Colt Ethernet Hub and Spoke |
| **bEndNetworkPoint** | 0 | 50 | List <String>  **Example**: 1568595 or  OLO-1568595 | This field is holds the networkPoint id corresponding to a B-End address.  To populate this field, get the **Point IDs** from the CheckConnectivity response for each address where a price check is required.  A maximum of 50 BendnetworkPoint ids can be sent in one requestPrice object.  This will allow you to easily check for prices at many different locations in a single request. Eg for hub and spoke - multiple spoke locations; for IP Access, various termination points. |

### 4.1.4 Features object

**The features object contains the following**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| **Parent Node:** CheckPriceRequest.requestPrice | | | | |
| **Feature** | 0 | unbounded | List | This object is a list of the feature name and country for which a price is required.  See the feature object section08.5 below for details. |

### 4.1.5 Feature object

**feature’ object contains the following fields:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceRequest.requestPrice.features | | | | |
| **featureName** | 1 | 1 | Mandatory for feature object  String  MaxLength: 100  **Example**: SNMP R/O | This is the name of the Feature for which a price is required. (name is not case sensitive.)  Please refer to Appendix A for feature names |
| **Country** | 1 | 1 | Mandatory for feature object  Enumeration  **Example**: France | A country must be specified when requesting feature prices.  Please refer to the Appendix to see supported countries. |

## Technical Specification – checkPrice Response

The response message provides the price for 1,2,or 3 years for on-net and off-net connectivity options.

* On-net: Colt fibre
* Off-net: ULL DSL or 3rd party DSL
* Off-net: 3rd party fibre connections – Leased lines

If the address has Colt fibre available, then it is an on-net location with on-net prices.

On-net prices are also applied to ‘near-net’ buildings. These are specific buildings close to the Colt network with pre-approved funding for connection to it. The ‘near-net’ locations have on-net pricing but a longer delivery lead time. These buildings can be identified from their building status – ‘Pre-approved on-net’.

Where off-net connectivity options are available via ULL DSL or 3rd party DSL/fibre, the off-net prices will be shown.

In addition to the prices, the response message will also show building information, SLA and 3rd party supplier name if this information was requested.

**Error or Warning messages**: Please refer to Appendix F for the list of error or warning messages in the CheckPrice response

**The CheckPrice response message consists of the following parameters:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node: null (Root Node)** | | | | |
| **sequenceId** | 1 | 1 | String  XSD Validation: [0-9]\*  **Example:** 123456789 | Unique ID assigned by Colt helps to map the response to the corresponding request object.  This ID can also be used for reporting issues |
| **userId** | 1 | 1 | String | Contains the user id used to generate the request |
| **responseDetails** | 1 | 1 | Object | This field indicates whether results are returned or not. See section 9.1 for details. |
| **responsePrice** | 0 | 50 | List | This field contains the list of responses. See section 0 for details |
| **additionalInformation** | 0 | 1 | Object | Contains additional information in the form of useful links or notifications. |

### 4.2.1 ResponseDetails object

**ResponseDetails object contains the following information:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node: checkPriceResponse** | | | | |
| **Status** | 1 | 1 | Enumeration  **Values**  AVAILABLE  NOT-AVAILABLE  ERROR | This will indicate whether prices are available or not.  If prices are not returned then the status shows if this is because prices are not available or due to an error.  The status is set at different levels of the message hierarchy as detailed below.  AVAILABLE –  *Available* at the *Root level* of the message means that there is at least one request for which prices have been returned.  *Available* at the *request level* means that prices for that particular request have been found.  *Available* at the *network point (address) or feature level* means that prices for that network point/feature have been found.  NOT-AVAILABLE  *Not Available* at the *Root level* means, that no prices have been found for any of the requests.  *Not Available* at the *request level* means that prices for that particular request have not been found.  *Not Available at network point level or feature level* means that prices for that network point/feature have not been found.  ERROR  Error on *Root* means, none of the requests could be processed due to errors.  Error at *request level* means that there was an error in processing that particular request.  Error at *network point* level or *feature* level means that there was an error at that level. |
| **Error** | 0 | 1 | Object | This object will give the error code and reason if the Status value is ERROR. See section 9.2 below for details. |

### 4.2.2 Error object

**The Error object in the response contains the following information:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | | **Type** | **Comments** |
| **Parent Node: responseDetails** | | | | | |
| **errorType** | 1 | 1 | Enumeration  **Values:**  a) INPUTVALIDATION  b) INTERNALERROR | | This field contains the type of error that occurred in the request. It can have the following possible values:  **INPUTVALIDATION:** This means that the request from the user could not be validated.  **INTERNALERROR:** This means that there was an internal error while processing the request. |
| **errorCode** | 1 | 1 | String | | **errorCode:** This field contains the error codes generated when the response status is ‘ERROR’.  See appendix F for the full list of error codes.  **Example:**  E0002 – This error code is found in case duplicate request Ids are found in a request. |

### 4.2.3 ResponsePrice object

**Each ‘responsePrice’ object consists of the following parameters:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** | |
| --- | --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse | | | | | |
| **requestID** | 1 | 1 | String  XSD Validation : [0-9]\*  **Example:** 1 | | Number to uniquely identify a request. |
| **responseDetails** | 1 | 1 | Object | | This field indicates whether a result is returned or not  This field is as explained in section 9.1 |
| **OCN** | 1 | 1 | String  MaxLength : 100  **Example:** 456432 | | The Colt customer account number - the ‘OCN’ is shown in this field.  This field is as explained in the Request parameters section |
| **requestType** | 1 | 1 | Enumeration  **Values:** a) SERVICE b) FEATURE c)SERVICEANDFEATURES | | This field is as explained in the Request message input parameters section |
| **Service** | 1 | 1 | Enumeration | | This field has the product name as explained in the Request input parameters section |
| **isConvergedVL** | 0 | 1 | Values:  True/False | | This field is populated on in case of VLE products.  IsConvergedVL is false and bandwidth is not provided  IsConvergedVL is true and bandwidth is provided |
| **searchModeId** | 1 | 1 | Integer  **Values:**  1,2 | | This field specifies whether the product is a P2P product or a SITE product.  SITE - SearchModeid=1  P2P - Search Modeid=2 |
| **Prices** | 0 | 1 | Object | | This object contains the prices requested and is explained in section 9.4 |

### 4.2.4 Prices object

**‘Prices’ object contains the following:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice | | | | |
| **onnetPrice** | 0 | 1 | Object | Two lists are maintained in this object.  -A list of the ONNET locations with their prices.  -A list of ONNET locations for which prices were not found.  See section 9.5 for the object definition |
| **offnetPrice** | 0 | 1 | Object | Two lists are maintained in this object.  -A list of the OFF-NET locations with their prices  -A list of OFF-NET locations for which prices were not found.  See section 9.6 for the object definition |
| **featuresPrice** | 0 | 1 | Object | Two lists are maintained in this object.  -A list of Features with their prices.  -A list of Features for which prices were not found  See section 9.7 for the object definition. |
| **invalidNetworkPoints** | 0 | Unbounded | List | This object contains the list of network points which failed validation for example if a user erroneously entered an incorrect network point value. |

### 4.2.5 OnnetPrice object

**‘****OnnetPrice’ object contains the following:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices | | | | |
| **onnetNetworkPointPrices** | 0 | Unbounded | List | This is the list of On-net network points for which prices were found. The object contains the price.  See section 0  List of onnetnetworkPointPrices\_Type |
| **networkPointPricesNotAvailable** | 0 | Unbounded | List | This is the list of On-net network points for which prices were not found.  This will help the client application identify the network points for which prices were not found.  List of networkPointPricesNotAvailable\_Type  See section 9.10 |

### 4.2.6 OffnetPrice object

**‘OffnetPrice’ object contains the following:**

This will help the client application identify the network points for which prices were not found.

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices | | | | |
| **offnetnetworkPointPrices** | 0 | Unbounded | List | This list contains off-net network points for which prices were found.  The object contains price for the off-net network points.  List of offnetnetworkPointPrices\_Type  See section 9.9 |
| **networkPointPricesNotAvailable** | 0 | Unbounded | List | This list contains the network points for which prices were not found, because no prices were available or an error occurred.  List of networkPointPricesNotAvailable\_Type  See section 9.10 |

### 4.2.7 FeaturesPrice object

**‘FeaturesPrice object contains the following:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices.featuresprice | | | | |
| **featurePriceDetails** | 0 | unbounded | List | This is the list of features with their prices  (List of featurePriceDetails\_Type) |
| **featurePriceNotAvailable** | 0 | unbounded | List | This is the list of features which either failed validation or for which no prices were returned.  This will help the client application identify the features for which prices were not found.  (List of featurePriceNotAvailable\_Type) |

### 4.2.8 OnnetNetworkPointPrices object

**‘OnnetNetworkPointPrices’ object contains the following fields:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices.onnetPrice | | | | |
| **responseDetails** | 0 | 1 | Object | This field indicates whether a result is returned or not  See section 9.1 |
| **locationaNetworkPointCode** | 0 | 1 | Long | This field contains the networkpointcode for the A-End address. If you have a Hub/bearer, then the network point Id for its address is shown here.  **Example:** 1456325 |
| **locationaCountryname** | 0 | 1 | String | This field contains the A-End Country name **Example:** Austria |
| **locationaPostcode** | 0 | 1 | String | This field holds the A-End postcode  **Example:** 1100 |
| **locationaCityname** | 0 | 1 | String | This field holds the A-End town/city name.  **Example:** Vienna |
| **locationaStreetname** | 0 | 1 | String | This field holds the A-End street name **Example:** Columbusgasse |
| **locationaHousenumber** | 0 | 1 | String | This field holds the A-End house number **Example:** 55 |
| **locationbNetworkPointCode** | 0 | 1 | Long | This field contains the networkpointcode for B-End address.  **Example:** 1456389 |
| **locationbCountryname** | 0 | 1 | String | This field contains the B-End country name **Example:** Germany |
| **locationbPostcode** | 0 | 1 | String | This field holds the B-End postcode **Example:** 60326 |
| **locationbCityname** | 0 | 1 | String | This field holds the B-End city/town name **Example:** Frankfurt |
| **locationbStreetname** | 0 | 1 | String | This field holds the B-End street name **Example:** Kleyerstrasse |
| **locationbHousenumber** | 0 | 1 | String | This field hold the B-End house number **Example:** 15-17 |
| **buildingStatus** | 0 | 1 | String | This value will be present only for On-net Pricing records.  This field provides information on the building status :  *0 =inactive* – no active equipment on site  *1 =active* - Colt have active equipment in the building  *2 =Pre-approved on-net* - building is near the Colt network and has pre-approved funding for connection. It has on-net pricing but a longer delivery lead time.  *3 =Near net* – near Colt network  **Example: 1** |
| **buildingName** | 0 | 1 | String | If the building has a name, this will be shown  **Example:** World Trade Centre |
| **ceaAvailable** | 0 | 1 | String | This value will be present only for On-net records.  This field indicates where there is a common equipment area available in the building.  1 = Yes  2 = No  **Example:** 1 |
| **ceaFloorNumber** | 0 | 1 | String | This value will be present only for On-net Pricing records.  This field shows the floor on which the CEA is located.  It is useful as it allows you to estimate the internal cabling costs based on the number of floors between CEA and the required customer site.  Internal cabling prices are available as a pdf in APT.  **Example:** 2 |
| **ceaFloorText** | 0 | 1 | String | This value will be present only for On-net Pricing records. It shows the floor number as text  **Example:** 2nd Floor |
| **pricePoints** | 0 | Unbounded | List | This object contains the prices along with the requested bandwidths. Multiple pricePoints objects can be present for a single network location.  (List of pricePoints\_Type) |
| **SLA** | 0 | Unbounded | List | This object contains the SLA information. Multiple SLA details can be returned for a single network location. |

### 4.2.9 OffnetNetworkPointPrices object

**‘****OffnetNetworkPointPrices’ object contains the following fields.**

The field descriptions are exactly as described above for the onnet-networkpoint prices object in 0.

**Important:** As mentioned in the request message section, to get an **off-net price, the postcode is mandatory**. Even if there are off-net prices available, unless a postcode is provided in the request, a price cannot be retrieved. You can verify that a postcode was provided in the request by checking that the **locationbPostcode** field in this object is not blank.

| **Field Name** | **Min Occurs** | | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices.offnetPrice | | | | | |
| **responseDetails** | | 0 | 1 | Object |  |
| **locationaNetworkPointCode** | | 0 | 1 | String |  |
| **locationaCountryname** | | 0 | 1 | String |  |
| **locationaPostcode** | | 0 | 1 | String |  |
| **locationaCityname** | | 0 | 1 | String |  |
| **locationaStreetname** | | 0 | 1 | String |  |
| **locationaHousenumber** | | 0 | 1 | String |  |
| **locationbNetworkPointCode** | | 0 | 1 | String |  |
| **locationbCountryname** | | 0 | 1 | String |  |
| **locationbPostcode** | | 0 | 1 | String | Must contain a postcode to retrieve off-net prices. |
| **locationbCityname** | | 0 | 1 | String |  |
| **locationbStreetname** | | 0 | 1 | String |  |
| **locationbHousenumber** | | 0 | 1 | String |  |
| **pricePoints** | | 0 | unbounded | List |  |
| **SLA** | | 0 | unbounded | List |  |

### 4.2.10 NetworkPointPricesNotAvailable object

**‘****NetworkPointPricesNotAvailable’ object contains the following fields:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices.onnetPrice AND  **Parent Node:** CheckPriceResponse.responsePrice.prices.offnetPrice | | | | |
| **responseDetails** | 0 | 1 | Object | This field indicates whether a result is returned or not  See section 9.1 |
| **networkPointCode** | 0 | unbounded | Long | This field holds the network point code for which prices were not found.  **Example:** 156325 |

### 4.2.11 FeaturePriceDetails object

**‘****FeaturePriceDetails’ object contains the following fields:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| **Parent Node:** CheckPriceResponse.responsePrice.prices.featurePrices | | | | |
| **responseDetails** | 0 | 1 | Object | This field indicates whether a result is returned or not  See section 9.1 |
| **featureName** | 0 | 1 | String | This shows the name of the feature for which for which prices have been found  **Example:** Inbound Call Rerouting |
| **Country** | 0 | 1 | Enumeration | This field contains the country that was sent in the request for the feature price.  **Example:** France |
| **featureNotes** | 0 | 1 | String | If there are any additional notes available about the features, it will be stored in this field. |
| **pricePoints** | 0 | unbounded | Object | Explained in section 9.13 |

### 4.2.12 FeaturePriceNotAvailable object

**‘****FeaturePriceNotAvailable’ object contains the following fields:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node:** CheckPriceResponse.responsePrice.prices.featurePrices | | | | |
| **responseDetails** | 0 | 1 | Object | This field indicates whether a result is returned or not  See section 9.1 |
| **Country** | 0 | 1 | Enumeration | This field holds the country that was sent in the request for the feature for which a price was not found.  **Example:** United Kingdom |
| **featureName** | 0 | 1 | String | This is the name of the feature for which prices have not been found.  **Example:** Inbound Call Rerouting |

### 4.2.13 PricePoints object

**‘****PricePoints’ object contains the following fields:**

| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| --- | --- | --- | --- | --- |
| **Parent Node: C**heckPriceResponse.responsePrice.prices.featurePrices.featurePriceDetails | | | | |
| **priceLevelGPCNDetails** | 0 | unbounded | List | This information will be available only for off-net pricing records.  This contains the price level and GPCN information for the associated network and price point. |
| **priceNrc1** | 0 | 1 | String | This field contains the non-recurring charge NRC for one year **Example:** 156 |
| **priceMrc1** | 0 | 1 | String | This field contains the monthly-recurring charge MRC for one year **Example:** 252 |
| **totalPrice1** | 0 | 1 | String | This field contains the total price for 1 year.  **Example:** 3180 (i.e.156+ 12\*252) |
| **quoteDetail1** | 0 | 1 | Object | This field contains more information about the price quoted for 1 year, when either one of the network points (aEndNetworkPoint or bEndNetworkPoint) is leased line and is either onnet or offnet for the supplier. See Section 9.14 |
| **priceNrc2** | 0 | 1 | String | This field contains the non-recurring charge NRC per year for a two year contract.  **Example:** 156 (i.e**.** 156/year) |
| **priceMrc2** | 0 | 1 | String | This field contains the monthly-recurring charge MRC for a two year contract  **Example:** 150 (i.e.150/month) |
| **totalPrice2** | 0 | 1 | String | This field contains the price per year for a 2 year contract.  **Example: 1956**  i.e 1956 for yr1 & 1956 for yr2 |
| **quoteDetail2** | 0 | 1 | Object | This field contains more information about the price quoted for 2 year contract term, when either one of the network points (aEndNetworkPoint or bEndNetworkPoint) is leased line and is either onnet or offnet for the supplier. See Section 9.14 |
| **priceNrc3** | 0 | 1 | String | This field contains the non-recurring charge NRC per year for a three year contract.  **Example:** 156 |
| **priceMrc3** | 0 | 1 | String | This field contains the monthly-recurring charge MRC for a three year contract  **Example:** 100 |
| **totalPrice3** | 0 | 1 | String | This field contains the price per year for a 3 year contract.  **Example:** 1356  i.e. 1356 per year |
| **quoteDetail3** | 0 | 1 | Object | This field contains more information about the price quoted for 3 year contract term, when either one of the network points (aEndNetworkPoint or bEndNetworkPoint) is leased line and is either onnet or offnet for the supplier. See Section 9.14 |
| **Currency** | 0 | 1 | String | This field contains the currency. It will either be the currency requested by the user, or if a currency was not specified in the request message, then it will default to the currency associated with the country.  **Example:** EUR |
| **Remarks** | 0 | 1 | String | This field contains any additional information.  **Example:** Price on Application |
| **pribriQuantity** | 0 | 1 | String | This field is pupolated only in case of VLE products.  Example: 2PRI |
| **bandwidthCode** | 0 | 1 | Integer | A unique bandwidth code is assigned to each bandwidth value and is shown in this field.  **Example:** 12 is the code assigned to bandwidth speed of 10 Mbps |
| **bandwidthDesc** | 0 | 1 | String | This field contains the bandwidth that was specified in the request. **Example:** 10Mbps |
| **Codec** | 0 | 1 | String | This will be returned only for product = Colt VoIP Access  **Example:** G.711 |
| **aEndDeliverySupplier** | 0 | 1 | String | This field contains the name of the A-end supplier which will be Colt in most cases.  However if you have selected a completely off-net solution, then this field will show the name of the 3rd party supplier.  **Example:** Colt |
| **bEndDeliverySupplier** | 0 | 1 | String | This field contains the B-End supplier name. For on-net connections, the supplier will be Colt.  For offnet (DSL or 3rd party fibre) it will show the name of the supplier**.**  **Example:** Colt |
| **accessCodeAEnd** | 0 | 1 | Integer  Possible Values:  1  2  3  4 | A unique code is assigned to the A-End access type.  1=Colt Fibre / ULL Fibre  2=ULL DSL (i.e. ULL DSL)  21=wDSL (i.e. DSL from 3rd party)  22= 3rd party leased line  **Example:** 1 |
| **accessTypeAEnd** | 0 | 1 | String | This field contains the A-End access type.  This field will have a value only for the following products:  Colt Ethernet Line  Colt Ethernet Hub and Spoke  The access type values are:  ULL Fibre  Colt Fibre  ULL DSL  3rd party DSL  Leased Line  Colt Fibre is on-net and the rest are off-net connectivity options.  For the last two products on the list, the A end will always be Colt Fibre.  **Example:** Colt Fibre |
| **accessCodeBEnd** | 0 | 1 | Integer | This field contains the code assigned to the B-End access type.  **Example:** 21 |
| **accessTypeBEnd** | 0 | 1 | String | This field contains the B-End access type  The access type values are:  Colt Fibre  ULL Fibre  ULL DSL  3rd party DSL  Leased Line  For on-net connections it will be *Colt Fibre*. For off-net connections, it will be *ULL DSL* or *3rd party DSL* or *Leased Line*.  **Example:** Colt DSL |
| **accessInternalNameAEnd** | 0 | 1 | String | This field contains the A-end access type. The values are:   * Colt Fibre / ULL Fibre * ULL (i.e. ULL DSL) * wDSL (i.e. DSL from 3rd party) * 3rd party leased line   **Example:** Colt Fibre |
| **accessInternalNameBEnd** | 0 | 1 | String | This field contains the B-end access type  **Values are:**  Colt Fibre  ULL  wDSL  3rd party leased line  **Example:** ULL |
| **priceId** | 0 | 1 | Integer | This field is for reference purposes and contains the unique identifier for the price point.  **Example:** 1235 |

### 4.2.14 QuoteDetail object

This information is only available when Access Type = 3rd Party Leased Lined and either one of the networkpoints (aEndNetworkPoint or bEndNetworkPoint) is a supplier onnet or supplier offnet building,

The QuoteDetail Object contains the following fields:

* **quoteId:** This field is for reference purposes and contains a unique identifier for the price that has been quoted for specific to the contract term. It can be used as a reference for creating a quote or raising an order. It differs from the priceId which is a unique to the entire pricepoint.
* quoteType: Either “ACTUAL” or “BUDGETARY”.
  + ACTUAL: A quote that is derived from a carrier price book Off Net partner pricing tool, or quotation inquiry to an Off Net partner. The quote is binding in terms of MRC but the NRC (install) may change subject to the site survey (in a minority of cases). There may have been limited check / guarantee of availability, diversity or confirmation of who is providing the last mile.
  + BUDGETARY: A quote/ cost estimate derived from carrier price book, historical quotes or sourced from OLO partners for Non-Colt Countries. These are non-binding costs and Install & MRC may change while ordering with OLO.

### 4.2.15 SLA object

**‘SLA’ object contains the following fields:**

* **servicePresentation:** This field provides contains a short description of the SLA level e.g. is the SLA for a new building, a pre-approved on-net building etc.
* **deliveryTimeInDays:** This field contains the delivery lead time in working days
* **targetRepairTimeInHours:** This field contains the target repair time in hours
* **availabilityInPercentage:** This field contains the service availability as a percentage
* **remarks:** This field contains any additional information .

### 4.2.16 PriceLevelGPCNDetails

This information is only available when the Access type = 3rd Party Leased Line

The GPCN and price level information is used to raise an order with a 3rd party supplier via the Colt eOrder application or by providing the reference numbers on the Colt order form.

GPCN is Colt terminology and stands for Generic Presales Connectivity Number.

**PriceLevelGPCNDetails object contains the following fields:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| **Parent Node:** checkPriceResponse.responsePrice.prices.offnetPrice.offnetnetworkPointPrices. commonNetworkPointPrices. pricePoints.priceLevelGPCNDetails | | | | |
| **priceLevel** | 0 | 1 | String | This field holds the price level value  **Example:**  ONLP SDH CDN ZONE 1 |
| **GPCNNumber** | 0 | 1 | String | This field holds the GPCN number  **Example:** GP\_2009\_012\_0001\_C016 |

### 4.2.17 NearNet Promotion Pricing

On the eBonding API a new block has been introduced into the connectivity response to indicate that the searched address meets the criteria for “Near Net”. It also indicated the calculated distance.

Point ID received from the connectivity response is used to get the price for the connectivity. Example of check price request and response is given below.

Pricing for NearNet Connectivity is calculated on the based on below three condition:

* Connectivity Up to 100 meters
* 1 Gb and above
* Contract terms 3 years and above

### 4.2.17.1 NearNet Price Request:

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:pric="http://cp.colt.com/priceservice">  <soapenv:Header/>  <soapenv:Body>  <pric:checkPriceRequest pric:schemaVersion="4.0">  <pric:sequenceID>123445</pric:sequenceID>  <pric:userID>TestUser</pric:userID>  <pric:source>APT</pric:source>  <pric:requestPrice>  <pric:requestID>1</pric:requestID>  <pric:ocn>674485</pric:ocn>  <pric:requestType>SERVICE</pric:requestType>  <pric:service>Colt IP Access</pric:service>  <pric:serviceType>SITE</pric:serviceType>  <pric:networkPoints>  <pric:bEndNetworkPoint>NEARNET-1</pric:bEndNetworkPoint>  </pric:networkPoints>  <pric:bandwidth>1Gbps</pric:bandwidth>  <pric:isSLAInfoRequired>true</pric:isSLAInfoRequired>  <pric:isPriceLevelGPCNInfoRequired>true</pric:isPriceLevelGPCNInfoRequired>  <pric:isSupplierInfoRequired>true</pric:isSupplierInfoRequired>  </pric:requestPrice>  </pric:checkPriceRequest>  </soapenv:Body>  </soapenv:Envelope> |

### 4.2.17.2 NearNet Price Response:

|  |
| --- |
| <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ns2:checkPriceResponse xmlns:ns2="http://cp.colt.com/priceservice">  <ns2:sequenceID>123445</ns2:sequenceID>  <ns2:userId>A</ns2:userId>  <ns2:responseDetails>  <ns2:status>AVAILABLE</ns2:status>  </ns2:responseDetails>  <ns2:responsePrice>  <ns2:requestID>1</ns2:requestID>  <ns2:responseDetails>  <ns2:status>AVAILABLE</ns2:status>  </ns2:responseDetails>  <ns2:ocn>674485</ns2:ocn>  <ns2:requestType>SERVICE</ns2:requestType>  <ns2:service>Colt IP Access</ns2:service>  <ns2:searchModeId>1</ns2:searchModeId>  <ns2:prices>  <ns2:onnetPrice>  <ns2:onnetNetworkPointPrices>  <ns2:responseDetails>  <ns2:status>AVAILABLE</ns2:status>  </ns2:responseDetails>  <ns2:locationbNetworkPointCode>NEARNET-1</ns2:locationbNetworkPointCode>  <ns2:locationbCountryname>United Kingdom</ns2:locationbCountryname>  <ns2:locationbPostcode>SW1Y</ns2:locationbPostcode>  <ns2:locationbCityname>London</ns2:locationbCityname>  <ns2:locationbStreetname>Pall Mall</ns2:locationbStreetname>  <ns2:locationbHousenumber>110</ns2:locationbHousenumber>  <ns2:buildingStatus>1</ns2:buildingStatus>  <ns2:pricePoints>  <ns2:bEndDeliverySupplier>COLT</ns2:bEndDeliverySupplier>  <ns2:priceNrc3>0.0</ns2:priceNrc3>  <ns2:priceMrc3>1013.0</ns2:priceMrc3>  <ns2:totalPrice3>12158.0</ns2:totalPrice3>  <ns2:quoteDetail3>  <ns2:quoteId>QT-20180613102651417-3</ns2:quoteId>  <ns2:quoteType>ACTUAL</ns2:quoteType>  </ns2:quoteDetail3>  <ns2:currency>GBP</ns2:currency>  <ns2:remarks>Price for committed Bandwidth plus 1.2 GBP per Mbps for Excess Bandwidths - Managed router not included</ns2:remarks>  <ns2:bandwidthCode>36</ns2:bandwidthCode>  <ns2:bandwidthDesc>1Gbps</ns2:bandwidthDesc>  <ns2:accessCodeAEnd>1</ns2:accessCodeAEnd>  <ns2:accessTypeAEnd>Colt fibre</ns2:accessTypeAEnd>  <ns2:accessInternalNameAEnd>COLT Fibre</ns2:accessInternalNameAEnd>  <ns2:accessCodeBEnd>1</ns2:accessCodeBEnd>  <ns2:accessTypeBEnd>Colt fibre</ns2:accessTypeBEnd>  <ns2:accessInternalNameBEnd>COLT Fibre</ns2:accessInternalNameBEnd>  <ns2:priceId>5369556</ns2:priceId>  </ns2:pricePoints>  <ns2:pricePoints>  <ns2:bEndDeliverySupplier>COLT</ns2:bEndDeliverySupplier>  <ns2:priceNrc3>0.0</ns2:priceNrc3>  <ns2:priceMrc3>1013.0</ns2:priceMrc3>  <ns2:totalPrice3>12158.0</ns2:totalPrice3>  <ns2:quoteDetail3>  <ns2:quoteId>QT-20180613102651476-3</ns2:quoteId>  <ns2:quoteType>ACTUAL</ns2:quoteType>  </ns2:quoteDetail3>  <ns2:currency>GBP</ns2:currency>  <ns2:remarks>Managed router not included</ns2:remarks>  <ns2:bandwidthCode>36</ns2:bandwidthCode>  <ns2:bandwidthDesc>1Gbps</ns2:bandwidthDesc>  <ns2:accessCodeAEnd>1</ns2:accessCodeAEnd>  <ns2:accessTypeAEnd>Colt fibre</ns2:accessTypeAEnd>  <ns2:accessInternalNameAEnd>COLT Fibre</ns2:accessInternalNameAEnd>  <ns2:accessCodeBEnd>1</ns2:accessCodeBEnd>  <ns2:accessTypeBEnd>Colt fibre</ns2:accessTypeBEnd>  <ns2:accessInternalNameBEnd>COLT Fibre</ns2:accessInternalNameBEnd>  <ns2:priceId>5369528</ns2:priceId>  </ns2:pricePoints>  <ns2:pricePoints>  <ns2:bEndDeliverySupplier>COLT</ns2:bEndDeliverySupplier>  <ns2:priceNrc3>316.0</ns2:priceNrc3>  <ns2:priceMrc3>1281.0</ns2:priceMrc3>  <ns2:totalPrice3>15690.0</ns2:totalPrice3>  <ns2:quoteDetail3>  <ns2:quoteId>QT-20180613102651508-3</ns2:quoteId>  <ns2:quoteType>ACTUAL</ns2:quoteType>  </ns2:quoteDetail3>  <ns2:currency>GBP</ns2:currency>  <ns2:remarks>Managed router included</ns2:remarks>  <ns2:bandwidthCode>36</ns2:bandwidthCode>  <ns2:bandwidthDesc>1Gbps</ns2:bandwidthDesc>  <ns2:accessCodeAEnd>1</ns2:accessCodeAEnd>  <ns2:accessTypeAEnd>Colt fibre</ns2:accessTypeAEnd>  <ns2:accessInternalNameAEnd>COLT Fibre</ns2:accessInternalNameAEnd>  <ns2:accessCodeBEnd>1</ns2:accessCodeBEnd>  <ns2:accessTypeBEnd>Colt fibre</ns2:accessTypeBEnd>  <ns2:accessInternalNameBEnd>COLT Fibre</ns2:accessInternalNameBEnd>  <ns2:priceId>5467705</ns2:priceId>  </ns2:pricePoints>  <ns2:pricePoints>  <ns2:bEndDeliverySupplier>COLT</ns2:bEndDeliverySupplier>  <ns2:priceNrc3>316.0</ns2:priceNrc3>  <ns2:priceMrc3>1281.0</ns2:priceMrc3>  <ns2:totalPrice3>15690.0</ns2:totalPrice3>  <ns2:quoteDetail3>  <ns2:quoteId>QT-20180613102651541-3</ns2:quoteId>  <ns2:quoteType>ACTUAL</ns2:quoteType>  </ns2:quoteDetail3>  <ns2:currency>GBP</ns2:currency>  <ns2:remarks>Price for committed Bandwidth plus 1.192 GBP per Mbps for Excess Bandwidths - Managed router included</ns2:remarks>  <ns2:bandwidthCode>36</ns2:bandwidthCode>  <ns2:bandwidthDesc>1Gbps</ns2:bandwidthDesc>  <ns2:accessCodeAEnd>1</ns2:accessCodeAEnd>  <ns2:accessTypeAEnd>Colt fibre</ns2:accessTypeAEnd>  <ns2:accessInternalNameAEnd>COLT Fibre</ns2:accessInternalNameAEnd>  <ns2:accessCodeBEnd>1</ns2:accessCodeBEnd>  <ns2:accessTypeBEnd>Colt fibre</ns2:accessTypeBEnd>  <ns2:accessInternalNameBEnd>COLT Fibre</ns2:accessInternalNameBEnd>  <ns2:priceId>5467711</ns2:priceId>  </ns2:pricePoints>  <ns2:pricePoints>  <ns2:bEndDeliverySupplier>COLT</ns2:bEndDeliverySupplier>  <ns2:priceNrc3>158.0</ns2:priceNrc3>  <ns2:priceMrc3>1086.0</ns2:priceMrc3>  <ns2:totalPrice3>13192.0</ns2:totalPrice3>  <ns2:quoteDetail3>  <ns2:quoteId>QT-20180613102651576-3</ns2:quoteId>  <ns2:quoteType>ACTUAL</ns2:quoteType>  </ns2:quoteDetail3>  <ns2:currency>GBP</ns2:currency>  <ns2:remarks>Price for committed Bandwidth plus 1.192 GBP per Mbps for Excess Bandwidths - No NAT router included</ns2:remarks>  <ns2:bandwidthCode>36</ns2:bandwidthCode>  <ns2:bandwidthDesc>1Gbps</ns2:bandwidthDesc>  <ns2:accessCodeAEnd>1</ns2:accessCodeAEnd>  <ns2:accessTypeAEnd>Colt fibre</ns2:accessTypeAEnd>  <ns2:accessInternalNameAEnd>COLT Fibre</ns2:accessInternalNameAEnd>  <ns2:accessCodeBEnd>1</ns2:accessCodeBEnd>  <ns2:accessTypeBEnd>Colt fibre</ns2:accessTypeBEnd>  <ns2:accessInternalNameBEnd>COLT Fibre</ns2:accessInternalNameBEnd>  <ns2:priceId>5470911</ns2:priceId>  </ns2:pricePoints>  <ns2:pricePoints>  <ns2:bEndDeliverySupplier>COLT</ns2:bEndDeliverySupplier>  <ns2:priceNrc3>158.0</ns2:priceNrc3>  <ns2:priceMrc3>1086.0</ns2:priceMrc3>  <ns2:totalPrice3>13192.0</ns2:totalPrice3>  <ns2:quoteDetail3>  <ns2:quoteId>QT-20180613102651608-3</ns2:quoteId>  <ns2:quoteType>ACTUAL</ns2:quoteType>  </ns2:quoteDetail3>  <ns2:currency>GBP</ns2:currency>  <ns2:remarks>No NAT router included</ns2:remarks>  <ns2:bandwidthCode>36</ns2:bandwidthCode>  <ns2:bandwidthDesc>1Gbps</ns2:bandwidthDesc>  <ns2:accessCodeAEnd>1</ns2:accessCodeAEnd>  <ns2:accessTypeAEnd>Colt fibre</ns2:accessTypeAEnd>  <ns2:accessInternalNameAEnd>COLT Fibre</ns2:accessInternalNameAEnd>  <ns2:accessCodeBEnd>1</ns2:accessCodeBEnd>  <ns2:accessTypeBEnd>Colt fibre</ns2:accessTypeBEnd>  <ns2:accessInternalNameBEnd>COLT Fibre</ns2:accessInternalNameBEnd>  <ns2:priceId>5470905</ns2:priceId>  </ns2:pricePoints>  </ns2:onnetNetworkPointPrices>  </ns2:onnetPrice>  </ns2:prices>  </ns2:responsePrice>  <ns2:additionalInformation/>  </ns2:checkPriceResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

### 4.2.18 AdditionalInformation

This information will show useful links or notifications related to the check price api.

**AdditionalInformation object contains the following fields:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| **Parent Node:** checkPriceResponse | | | | |
| **information** | 0 | unbounded | object | Contains a list of key-value pairs with the key being a meaningful title and the value being the actual information.  See section 9.1.8 |

### 4.2.19 Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Min Occurs** | **Max Occurs** | **Type** | **Comments** |
| **Parent Node:** checkPriceResponse.additionalInformation | | | | |
| **key** | 1 | 1 | String | The key can be considered a title for the information to be presented. |
| **value** | 1 | 1 | String | The value describing the actual information, for example a URL or a notification. |

## Sample Request Response

### e-bonding Standalone with valid combination

|  |
| --- |
| **Request**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v4="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:pric="http://cp.colt.com/priceservice">  <soapenv:Header/>  <soapenv:Body>  <v4:checkPrice>  <checkPriceRequest>  <pric:checkPriceRequest pric:schemaVersion=“5.0”>  <pric:userID>ColtAdminUAT</pric:userID>  <pric:source>APT</pric:source>  <pric:requestPrice>  <pric:requestID>1</pric:requestID>  <pric:ocn>27438</pric:ocn>  <pric:requestType>SERVICE</pric:requestType>  <pric:service>Colt Voice Line (v)</pric:service>  <pric:serviceType>SITE</pric:serviceType>  <pric:networkPoints>  <!-- offnet .start-->  <pric:bEndNetworkPoint>2216539</pric:bEndNetworkPoint>  <!-- offnet .end-->  </pric:networkPoints>  <pric:pribriQuantity>2PRI</pric:pribriQuantity>  <pric:isConvergedVL>false</pric:isConvergedVL>  <pric:isSLAInfoRequired>true</pric:isSLAInfoRequired>  <pric:isPriceLevelGPCNInfoRequired>true</pric:isPriceLevelGPCNInfoRequired>  <pric:isSupplierInfoRequired>true</pric:isSupplierInfoRequired>  </pric:requestPrice>  </pric:checkPriceRequest>  </checkPriceRequest>  </v4:checkPrice>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ser-root:checkPriceResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkPriceResponse>  <ax:checkPriceResponse xmlns:ax="http://cp.colt.com/priceservice">  <ax:sequenceID>000243845</ax:sequenceID>  <ax:userId>ColtAdminUAT</ax:userId>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:responsePrice>  <ax:requestID>1</ax:requestID>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:ocn>27438</ax:ocn>  <ax:requestType>SERVICE</ax:requestType>  <ax:service>Colt Voice Line (v)</ax:service>  <ax:isConvergedVL>false</ax:isConvergedVL>  <ax:searchModeId>1</ax:searchModeId>  <ax:prices>  <ax:offnetPrice>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>2216539</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Spain</ax:locationbCountryname>  <ax:locationbPostcode>35014</ax:locationbPostcode>  <ax:locationbCityname>Las Palmas de Gran Canaria</ax:locationbCityname>  <ax:pricePoints>  <ax:bEndDeliverySupplier>TELEFONICA</ax:bEndDeliverySupplier>  <ax:priceNrc1>1000.0</ax:priceNrc1>  <ax:priceMrc1>2000.0</ax:priceMrc1>  <ax:totalPrice1>25000.0</ax:totalPrice1>  <ax:priceNrc2>800.0</ax:priceNrc2>  <ax:priceMrc2>1800.0</ax:priceMrc2>  <ax:totalPrice2>22400.0</ax:totalPrice2>  <ax:priceNrc3>500.0</ax:priceNrc3>  <ax:priceMrc3>15221.0</ax:priceMrc3>  <ax:totalPrice3>14000.0</ax:totalPrice3>  <ax:currency>EUR</ax:currency>  <ax:remarks>Without managed router ( Colt IP VPN Access)</ax:remarks>  <ax:pribriQuantity>2PRI</ax:pribriQuantity>  <ax:accessCodeBEnd>21</ax:accessCodeBEnd>  <ax:accessTypeBEnd>3rd Party DSL</ax:accessTypeBEnd>  <ax:accessInternalNameBEnd>wDSL</ax:accessInternalNameBEnd>  <ax:priceId>446870</ax:priceId>  </ax:pricePoints>  </ax:offnetnetworkPointPrices>  </ax:offnetPrice>  </ax:prices>  </ax:responsePrice>  <ax:additionalInformation/>  </ax:checkPriceResponse>  </checkPriceResponse>  </ser-root:checkPriceResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

### With Converged and valid combination

|  |
| --- |
| **Request**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v4="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:pric="http://cp.colt.com/priceservice">  <soapenv:Header/>  <soapenv:Body>  <v4:checkPrice>  <checkPriceRequest>  <pric:checkPriceRequest pric:schemaVersion=“5.0”>  <pric:userID>ColtAdminUAT</pric:userID>  <pric:source>APT</pric:source>  <pric:requestPrice>  <pric:requestID>1</pric:requestID>  <pric:ocn>27438</pric:ocn>  <pric:requestType>SERVICE</pric:requestType>  <pric:service>Colt Voice Line (v)</pric:service>  <pric:serviceType>SITE</pric:serviceType>  <pric:networkPoints>  <!-- offnet .start-->  <pric:bEndNetworkPoint>2216539</pric:bEndNetworkPoint>  <!-- offnet .end-->  </pric:networkPoints>  <pric:bandwidth>4Mbps</pric:bandwidth>  <pric:pribriQuantity>6BRI</pric:pribriQuantity>  <pric:isConvergedVL>true</pric:isConvergedVL>  <pric:isSLAInfoRequired>true</pric:isSLAInfoRequired>  <pric:isPriceLevelGPCNInfoRequired>true</pric:isPriceLevelGPCNInfoRequired>  <pric:isSupplierInfoRequired>true</pric:isSupplierInfoRequired>  </pric:requestPrice>  </pric:checkPriceRequest>  </checkPriceRequest>  </v4:checkPrice>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ser-root:checkPriceResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkPriceResponse>  <ax:checkPriceResponse xmlns:ax="http://cp.colt.com/priceservice">  <ax:sequenceID>000243846</ax:sequenceID>  <ax:userId>ColtAdminUAT</ax:userId>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:responsePrice>  <ax:requestID>1</ax:requestID>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:ocn>27438</ax:ocn>  <ax:requestType>SERVICE</ax:requestType>  <ax:service>Colt Voice Line (v)</ax:service>  <ax:isConvergedVL>true</ax:isConvergedVL>  <ax:searchModeId>1</ax:searchModeId>  <ax:prices>  <ax:offnetPrice>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>2216539</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Spain</ax:locationbCountryname>  <ax:locationbPostcode>35014</ax:locationbPostcode>  <ax:locationbCityname>Las Palmas de Gran Canaria</ax:locationbCityname>  <ax:convergedComponent>Voice</ax:convergedComponent>  <ax:pricePoints>  <ax:bEndDeliverySupplier>TELEFONICA</ax:bEndDeliverySupplier>  <ax:priceNrc1>1000.0</ax:priceNrc1>  <ax:priceMrc1>2000.0</ax:priceMrc1>  <ax:totalPrice1>25000.0</ax:totalPrice1>  <ax:priceNrc2>800.0</ax:priceNrc2>  <ax:priceMrc2>1800.0</ax:priceMrc2>  <ax:totalPrice2>22400.0</ax:totalPrice2>  <ax:priceNrc3>500.0</ax:priceNrc3>  <ax:priceMrc3>1500.0</ax:priceMrc3>  <ax:totalPrice3>25000.0</ax:totalPrice3>  <ax:currency>EUR</ax:currency>  <ax:remarks>Without managed router ( Colt IP VPN Access)</ax:remarks>  <ax:pribriQuantity>6BRI</ax:pribriQuantity>  <ax:accessCodeBEnd>21</ax:accessCodeBEnd>  <ax:accessTypeBEnd>3rd Party DSL</ax:accessTypeBEnd>  <ax:accessInternalNameBEnd>wDSL</ax:accessInternalNameBEnd>  <ax:priceId>446891</ax:priceId>  </ax:pricePoints>  </ax:offnetnetworkPointPrices>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>2216539</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Spain</ax:locationbCountryname>  <ax:locationbPostcode>35014</ax:locationbPostcode>  <ax:locationbCityname>Las Palmas de Gran Canaria</ax:locationbCityname>  <ax:convergedComponent>IP Access</ax:convergedComponent>  <ax:pricePoints>  <ax:bEndDeliverySupplier>TELEFONICA</ax:bEndDeliverySupplier>  <ax:priceNrc1>1000.0</ax:priceNrc1>  <ax:priceMrc1>2000.0</ax:priceMrc1>  <ax:totalPrice1>25000.0</ax:totalPrice1>  <ax:priceNrc2>800.0</ax:priceNrc2>  <ax:priceMrc2>1800.0</ax:priceMrc2>  <ax:totalPrice2>22400.0</ax:totalPrice2>  <ax:priceNrc3>500.0</ax:priceNrc3>  <ax:priceMrc3>1500.0</ax:priceMrc3>  <ax:totalPrice3>26000.0</ax:totalPrice3>  <ax:currency>EUR</ax:currency>  <ax:remarks>Without managed router ( Colt IP VPN Access)</ax:remarks>  <ax:bandwidthCode>17</ax:bandwidthCode>  <ax:bandwidthDesc>4Mbps</ax:bandwidthDesc>  <ax:accessCodeBEnd>21</ax:accessCodeBEnd>  <ax:accessTypeBEnd>3rd Party DSL</ax:accessTypeBEnd>  <ax:accessInternalNameBEnd>wDSL</ax:accessInternalNameBEnd>  <ax:priceId>446882</ax:priceId>  </ax:pricePoints>  </ax:offnetnetworkPointPrices>  </ax:offnetPrice>  </ax:prices>  </ax:responsePrice>  <ax:additionalInformation/>  </ax:checkPriceResponse>  </checkPriceResponse>  </ser-root:checkPriceResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

### e-bonding Standalone with Invalid combination without pribriQuantity

|  |
| --- |
| **Request**:  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v4="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:pric="http://cp.colt.com/priceservice">  <soapenv:Header/>  <soapenv:Body>  <v4:checkPrice>  <checkPriceRequest>  <pric:checkPriceRequest pric:schemaVersion=“5.0”>  <pric:userID>ColtAdminUAT</pric:userID>  <pric:source>APT</pric:source>  <pric:requestPrice>  <pric:requestID>1</pric:requestID>  <pric:ocn>27438</pric:ocn>  <pric:requestType>SERVICE</pric:requestType>  <pric:service>Colt Voice Line (v)</pric:service>  <pric:serviceType>SITE</pric:serviceType>  <pric:networkPoints>  <!-- offnet .start-->  <pric:bEndNetworkPoint>2216539</pric:bEndNetworkPoint>  <!-- offnet .end-->  </pric:networkPoints>  <pric:bandwidth>4Mbps</pric:bandwidth>  <pric:isConvergedVL>true</pric:isConvergedVL>  <pric:isSLAInfoRequired>true</pric:isSLAInfoRequired>  <pric:isPriceLevelGPCNInfoRequired>true</pric:isPriceLevelGPCNInfoRequired>  <pric:isSupplierInfoRequired>true</pric:isSupplierInfoRequired>  </pric:requestPrice>  </pric:checkPriceRequest>  </checkPriceRequest>  </v4:checkPrice>  </soapenv:Body>  </soapenv:Envelope> |
| **Response**:  <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ser-root:checkPriceResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkPriceResponse>  <ax:checkPriceResponse xmlns:ax="http://cp.colt.com/priceservice">  <ax:sequenceID>000243854</ax:sequenceID>  <ax:userId>ColtAdminUAT</ax:userId>  <ax:responseDetails>  <ax:status>ERROR</ax:status>  <ax:error>  <ax:errorType>INPUTVALIDATION</ax:errorType>  <ax:errorCode>E0059</ax:errorCode>  </ax:error>  </ax:responseDetails>  </ax:checkPriceResponse>  </checkPriceResponse>  </ser-root:checkPriceResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

## checkPrice – Hints & Tips

**Tip#1 The Check Price API will not work in isolation. It is designed to work together with the Check Connectivity API. i.e. both APIs have to be implemented in order to retrieve a price.**

**TIP#2** The checkConnectivity API must be called first . The checkConnectivity response has the parameter ‘Point ID’ which uniquely identifies a network location. The Point ID value should be used in the checkPrice API request in the ‘networkPoints’ object.

Eg:<networkPoints>

<bEndNetworkPoint>**1485842**</bEndNetworkPoint>

**TIP#3** If you have **Pre-configured** A-ends for the following point to point products

Colt Ethernet Line

Colt LANLink Spoke (Ethernet Hub & Spoke)

Colt Link Point to Point (SDH Point to Point)

Colt Link Point to Multi Point (SDH Point to Multi Point)

* The value of **serviceType** in the checkPrice request should be  **HNS** as in example below
* Colt will provide you with the list of network point ids corresponding to the pre-configured A-ends . Please contact your Colt project manager for this information.

<service>**Colt Ethernet Hub and Spoke**</service>

<serviceType>**HNS**</serviceType>

<service>**Colt Ethernet Line**</service>

<serviceType> **HNS** </serviceType>

The value of **serviceType** in the checkPrice request should be  **P2P** for the products listed below if the A end address **is manually specified** by the user i.e. not pre-configured in the Access Price Tool.

Colt Ethernet Line

<service>**Colt Ethernet Line**</service>

<serviceType>**P2P**</serviceType>

**TIP#4** The price displayed is always the **price per year.** It is not the total price over the duration of the contract.

priceNRC1 non-recurring charge for 1 year contract = 156

priceMRC1 monthly recurring charge for 1 year contract = 252

Totalprice1 for the year is calculated as = (NRC + 12\* MRC)

i.e.156+ 12\*252=3180 per year

NRC2 non-recurring charge for 2 year contract term = 156

MRC2 monthly recurring charge for 2 year contract = 150

Totalprice2 is calculated as = (NRC + 12\* MRC)

i.e. 156+ 12\*150=1956 per year for year 1 and 1956 per year for year 2.

Similarly, if you see Totalprice3= 2000, it means 2000 per year for 3 years.

# On-Net Queries

From version 5, Colt has six categories of on-net buildings. They are :

* Active – Colt Building which is active with Fibre Connection equipments
* Inactive – Colt Building which is inactive with Fibre Connection equipments.
* In Progress – Colt building which is in progress with Fibre Connection equipments.
* Pre Approved On Net -
* Near Net –Building near to colt Active building
* NTT PAON – Building where there is positive match from NTT DB. Only for Japan

Till version 4, Colt has two categories of on-net buildings, “active” and “inactive”. These categories distinguish between buildings that have active equipment (“active”) and those that have a fibre connection but no active equipment (“inactive”). Under normal circumstances an inactive building can easily be made active again by installing active equipment. This is why these buildings have the same lead time and the same cost structure as active buildings.

However in certain cases it may happen that a building cannot as easily or not at all be reactivated.

This is why connectivity in all of Colt’s connected buildings is always subject to a final site survey.

## Best search criteria to put (for all countries)

• Check Connectivity request (Complete Address included)

For best search criteria all the fields premise number, street name, city, postcode, country, required product, bandwidth and connectivity type needs to be specified.

• Connectivity Type could be specified as COLT Fibre,DSL,Leased Line and ALL(This would fetch the results for all the connectivity types)

**Request Type : 1**



**Request Type 2:**



Detail information regarding request & response is described in the following sections:

Section 3.1. Technical specification – checkConnectivity Request

Section 3.2s. Technical specification – checkConnectivity Response

## “HNS” as “service Type”

The acronym “HNS” must not be mistaken as a product description for “Hub & Spoke”. In fact it is a service type that has to be set for any type of quote requests against a pre-defined A-End-Site as per the Hub-List shared with the customer. This applies for sites that have been set up in our pricing system for the product “Hub & Spoke” as well as for the product “Point to point”.

## Searching for both possible “request types” in one go.

“request type” as defined in the e-Bonding specification document indicates two possible enumeration values, i.e. **SITE**,**P2P**. In case the customer wants to look out for both SITE as well as P2P type products, he can put **ALL** there.

Example:

If we pass request type to **ALL**, then the response would also list down the product catalogue having products for which cater to **SITE** as well as **P2P**.

## No exact match but connected buildings based on “like” search

In case a submitted search does not lead to a positive result for a specific building a search with less specific search criteria can lead to a list of results which might then contain this building.

For these searched the following rules apply:

**Postcodes:**

For Netherlands and Portugal the submitted postcode is truncated to the first 4 digits due to the syntax for these two countries (NL=1234 AB, PT=1234-123).

For all other countries (except UK, see next paragraph) the system does accepts any part of the post code with a length > 2.

The postcode information is triggering a LIKE search in the system.

**City and Street:**

Any part of the street name and/or the city name can be put here. The submitted information is triggering a LIKE search.

**Example**:

A Connectivity Check is made for postcode **60529** in Germany, which is not an Onnet building postcode in our System and hence no result is being sent back.

In order to get to a result (the original address information might be wrong or have a typo) it can be useful to submit only “6052” as post code which will trigger the reception of all buildings in post code area 60528.

One of the streets in this post code area is “Herriotstrasse”. In case the user is uncertain about whether or not this is written with “tt” it makes sense to simply put “Herriot” as a search criteria.

To check for the exact match, the address in the siteOutPutAddress tag of the response needs to be checked across the **onNetResult** tag block in the response,

In case the **siteOutPutAddress** tag address content matches the **onNetResult** tag block address content, we can be assured that the exact match is found else the **onNetResult** tag block address can be considered as the nearest proximity match.

**Check Connectivity Searched request-**



**Check Connectivity Searched response-**



## UK postcode search on full and partial postcodes(user triggered or system triggered)

The UK has the special setup that one building can have multiple post codes. For many of Colt’s onnet buildings the connected buildings database is already listing and Colt is continuously enhancing this database. However in order to guarantee the best possible search result the following options to put a search and the underlying system behaviour need to be considered.

The aforementioned requires that a single building has multiple entries in the Colt buildings database. One of these entries is considered as the primary record, all others as secondary.

A search for a post code will be performed on both all primary and all secondary records.

However the database will always feed back the primary addresses. This has an impact on the search result which will be explained in the following paragraphs.

### Post Code only search (full post code)

In case of a full post code search without submitting any additional criteria the system will (internally, hence fully transparent to the user) do a two-step search. In the first stage the full post code will be searched in the database

Case “match”:

In case of a match all corresponding buildings will be listed.

* If the response list contains exactly one building, this record will show the same postcode for this building as the one submitted as search criteria.
* If the response list contains more than one building, the returned post codes will be those of the primary records in the buildings database and not necessarily the same as the post code submitted.

**Example:**

Search criteria: post code ABCD 123

Colt database:

|  |  |  |  |
| --- | --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 1 | Primary \*) |
|  |  |  |  |
| ABCD 345 | Mickey-Mouse-Square | 3 | Primary |
| ABCD 123 | Mickey-Mouse-Square | 3 | Secondary \*\*) |

Response:

|  |  |  |  |
| --- | --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 1 | Primary \*) |
|  |  |  |  |
| ABCD 345 | Mickey-Mouse-Square | 3 | Primary \*\*) |

\*) The primary address matched the post code and will be returned.

\*\*) The secondary address matched the post code but the primary address will be returned.

Case “non match”:

In case of a non match the post code submitted by the user will be truncated to the first 4 digits (the blank is not considered, e.g. “E14 9GE” -> “E14 9”)

This truncated post code will again be submitted to the database, here triggering a “starts with” search. Hence all buildings having a post code starting with these 4 digits would be listed in the response.

Buildings from this list which have multiple post codes will be listed with the primary address.

### Post Code only search (partial post code)

In case the user is directly submitting a truncated postcode the system (as a full postcode match cannot lead to a result) will again perform a “starts with” search based in the customer input, however truncated to a maximum of 4 digits. As a minimum, 3 digits are required.

## Address and post code based search

In case of address criteria like street name, building name or house number submitted along with a post code the same two-step search will take place considering the post code as described below whilst applying a “Like”-search for the additional criteria.

This means in detail:

In a first query the database searches for buildings that match all submitted criteria including the full post code.

In case of a match, the corresponding building(s) will be returned.

In case of a non match all criteria will be submitted again, the post code however will be truncated to the first 4 digits. The truncated post code triggers a “starts with” search whereas the additional criteria trigger “like” searches. The corresponding building(s) will be returned.

## Verifying the returned data

The preceding paragraphs describe that the submission of one single post code as search criteria – even along with additional address details - does not necessarily trigger a response which can without further inspection be considered as containing exactly that building that has been searched by the user.

Possible scenarios:

#1: (match based on exact post code)

The post code ABCD 123 represents three buildings in a UK city:

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 1 |
| ABCD 123 | Mickey-Mouse-Square | 3 |
| ABCD 123 | Mickey-Mouse-Square | 5 |

Out of these three Colt has connected

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 3 |

which will be sent as a response to a post code query “ABCD 123” along with the flag “AVAILABLE”.

If the user now only inspects the “AVAILABLE” flag and/or the building count of “one” he might be misled in case the building he had in mind in the first place was either premise number “1” or “5”

#2: (match based on truncated post code)

The post code ABCD 123 represents three buildings in a UK city:

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 1 |
| ABCD 123 | Mickey-Mouse-Square | 3 |
| ABCD 123 | Mickey-Mouse-Square | 5 |

Out of these three Colt has connected

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 3 |
| ABCD 123 | Mickey-Mouse-Square | 5 |

In case the user submits “ABCD 124” there will be no match and – as described before – the system will automatically (hence transparent to the user) resubmit as “ABCD”.

This will trigger the response

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 3 |
| ABCD 123 | Mickey-Mouse-Square | 5 |

Along with the flag “AVAILABLE”.

If the user now only inspects the “AVAILABLE” flag without considering the building count of “two” he might be misled in case the building he had in mind in the first place was premise number “1”.

# 3: (match based on truncated post code and additional information)

If in scenario #2 the user submits additional address information along with the post code “ABCD 124”, e.g. a premise number “5” this would in the first internal database call not return a match.

Again – as described before – the system will automatically (hence transparent to the user) resubmit as “ABCD” along with the premise number “5”.

This will trigger the response

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 5 |

If the user now only inspects the “AVAILABLE” flag andor the building count without considering the building details he might be misled by receiving exactly one building on his query.

However upon proper inspection of the building details he would notice that

|  |  |  |
| --- | --- | --- |
| ABCD 124 |  | 5 |

(considered parts of the seach critiria in Italic)

returns

|  |  |  |
| --- | --- | --- |
| ABCD 123 | Mickey-Mouse-Square | 5 |

as result.

Recommendation

It is recommended that any response from the Colt API based on a search with partial address information is further analysed to ensure that the building for which the user was searching when submitting the search is really included the response.

Of course the user can as well only take the “AVAILABLE” flag as a confirmation that Colt is connected without analysing the response in detail. However in this case the user must accept the possibility that the building he had in scope in the first place is not included in the response and that an order against this building might be rejected or that higher cost for connecting the building might apply.

Please note: The general disclaimer that any submitted building information remains subject to site survey and inspection during the ordering phase remains effective.

# NTT Queries

## Availability of NTT connectivity into a site

The availability of NTT connectivity into a requested site is checked real time during the connectivity check phase of a query. NTT response is available only Japan site addresses. NTT Coverage will be checked and flagged when there is no exact building being returned from Onnet DB. Whenever there is a POSITIVE match from this NTT DB, the confirmation should be sent via CC API with a the Building Status tag which will in this case show **NTT PAON**, that distinguishes this type of status from the ones currently retuned for the Onnet Results.

## Criteria for the real time availability check

NTT coverage is checked and flagged when there no response from premise master for the given site address. This is specific to Japan country address. For NTT response, e bonding request must have:

1. Premise Number
2. Streetname
3. CityTown
4. PostalZipcode
5. Colt Operating country.
6. Bandwith
7. Connectivity type as **Colt Fibre**

The respone will be part of Onnet status block.

## Sample Request for NTT Building

|  |
| --- |
| **Request:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>1</con:requestID>  <con:siteAddress>  <con:premisesNumber>1-Chome</con:premisesNumber>  <con:streetName>AYASE</con:streetName>  <con:cityTown>ADACHI KU</con:cityTown>  <con:postalZipCode>1200005</con:postalZipCode>  <con:coltOperatingCountry>Japan</con:coltOperatingCountry>  <con:requiredProduct>Colt IP Access</con:requiredProduct>  <con:bandwidth>6Mbps</con:bandwidth>  <con:connectivityType>COLT Fibre</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |

## Sample Response for NTT Building

|  |
| --- |
| **Response:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>013835300</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>1</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>1-Chome</ax:premisesNumber>  <ax:streetName>AYASE</ax:streetName>  <ax:cityTown>ADACHI KU</ax:cityTown>  <ax:postalZipCode>1200005</ax:postalZipCode>  <ax:coltOperatingCountry>Japan</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:onNetAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:onNetResult>  <ax:buildingStatus>NTT PAON</ax:buildingStatus>  <ax:coltOperatingCountry>Japan</ax:coltOperatingCountry>  <ax:englishCityName>ADACHI KU</ax:englishCityName>  <ax:postCode>1200005</ax:postCode>  <ax:premisesNumber>1-Chome</ax:premisesNumber>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:messageCode>I0047</ax:messageCode>  <ax:hostDetailResult>  <ax:product>ETHERNET LINE</ax:product>  <ax:bandwidthAvailibility>UPTO 6G</ax:bandwidthAvailibility>  <ax:class>UNPROTECTED</ax:class>  <ax:hostGCName>Kameari</ax:hostGCName>  <ax:leadTime>2.5</ax:leadTime>  <ax:pointID>NTT-3850068</ax:pointID>  </ax:hostDetailResult>  <ax:hostDetailResult>  <ax:product>ETHERNET LINE</ax:product>  <ax:bandwidthAvailibility>UPTO 6G</ax:bandwidthAvailibility>  <ax:class>PROTECTED</ax:class>  <ax:hostGCName>Kameari</ax:hostGCName>  <ax:leadTime>2.5</ax:leadTime>  <ax:pointID>NTT-3849988</ax:pointID>  </ax:hostDetailResult>  </ax:onNetResult>  </ax:onNetAEndResult>  </ax:onNetStatus>  <ax:nearNetStatus>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:nearNetAEndResult>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:nearNetResult/>  </ax:nearNetAEndResult>  </ax:nearNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

# NearNet Queries

The Near-Net Status block contains information related to buildings when there is no on-net result available for the exact site address. Nearnet connectivity is defined on the basis of any colt building which near to requested address in the request and under radius of 250 meters.

**How do I use it via eBonding?**

You will need to provide a Latitude, Longitude, Radius & Country of the site address in order to get the nearnet connectivity information.

**How to use the radius parameter?**

**Background: What is “Proximity” and what is “Near Net”?**

In previous versions the combination of Latitude, Longitude and a Radius was meant to find all **connected** ONNET buildings within the given radius around the point defined by the two coordinated. This is called **“Proximity”** search. Any additional address parameters like street and house number are being ignored.

The **“Near Net”** search is meant to provide an additional option in case the building is **not yet connected**. Here Latitude and Longitude are needed to calculate the disctance between the building targeted by the customer and the nearest Colt fibre duct.

As the near net calculation is an *additional option* the query should be submitted in a way that the ONNET query is performed before, this means a query with address parameters like street name and house number.

But as we have learned before the Latitude/Longitude combination supersedes any additional address parameter. In order to avoid that the radius has to be set to -1.

**Radius set >0:**

The connectivity check will send back:

* any fibre connected buildings with the defined radius around the centrepoint set by the submitted latitude and longitude information (additional address parameters will be ignored)
* in case that none of the of the connected buildings has exactly the same coordinates as the those submitted by the user: a Near Net network point code for a subsequent near net price check

Mandatory parameters:

Latitude, Longitude, Radius > 0

Obsolete parameters:

Any address information

**Radius set to -1:**

The connectivity check will send back:

* All **connected** buildings which meet the submitted address parameters
* in case that no connected buildings was found: a Near Net network point code for a subsequent near net price check

Mandatory parameters:

Address information for the building in scope of your query

Latitude, Longitude, Radius = -1

## Example for connectivity check

## E-bonding connectivity Request with radius > 0:

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| **Request:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>100</con:premisesNumber>  <con:streetName>Pall Mall</con:streetName>  <con:cityTown>London</con:cityTown>  <con:postalZipCode>SW1Y</con:postalZipCode>  <con:latitude>51.506169</con:latitude>  <con:longitude>-0.135535</con:longitude>  <con:radius>100</con:radius>  <con:coltOperatingCountry>United Kingdom</con:coltOperatingCountry>  <con:requiredProduct>Colt IP Access</con:requiredProduct>  <con:connectivityType>COLT Fibre</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |

The example shows the address of a **connected** building. However in the response there a more buildings listed as connected. As mentioned before a radius > 0 will trigger a search based only on latidude and longitude. A search without the section marked in yellow would give exactly the same result.

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| **Response:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>020274460</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>100</ax:premisesNumber>  <ax:streetName>Pall Mall</ax:streetName>  <ax:cityTown>London</ax:cityTown>  <ax:postalZipCode>SW1Y</ax:postalZipCode>  <ax:coltOperatingCountry>United Kingdom</ax:coltOperatingCountry>  <ax:latitude>51.506169</ax:latitude>  <ax:longitude>-0.135535</ax:longitude>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>AVAILABLE</ax:status>  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## E-bonding connectivity Request with radius -1 – OnNet match:

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| **Request:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>100</con:premisesNumber>  <con:streetName>Pall Mall</con:streetName>  <con:cityTown>London</con:cityTown>  <con:postalZipCode>SW1Y</con:postalZipCode>  <con:latitude>51.506169</con:latitude>  <con:longitude>-0.135535</con:longitude>  <con:radius>-1</con:radius>  <con:coltOperatingCountry>United Kingdom</con:coltOperatingCountry>  <con:requiredProduct>Colt IP Access</con:requiredProduct>  <con:connectivityType>COLT Fibre</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |

The address in the query represents a **connected** building. The radius -1 triggers a query based on the given address parameters. Hence the result is showing this building as connected and is **not** offering any near net parameters in addition. Even if the address information is less specific, e.g. by omitting the premise number, the result will only list connected buildings in Pall Mall and not offer NearNet in addition.

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| **Response:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>020275931</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>100</ax:premisesNumber>  <ax:streetName>Pall Mall</ax:streetName>  <ax:cityTown>London</ax:cityTown>  <ax:postalZipCode>SW1Y</ax:postalZipCode>  <ax:coltOperatingCountry>United Kingdom</ax:coltOperatingCountry>  <ax:latitude>51.506169</ax:latitude>  <ax:longitude>-0.135535</ax:longitude>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:onNetAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:onNetResult>  <ax:buildingStatus>ACTIVE</ax:buildingStatus>  <ax:buildingID>UKLON-0000010678</ax:buildingID>  <ax:coltOperatingCountry>United Kingdom</ax:coltOperatingCountry>  <ax:englishCityName>London</ax:englishCityName>  <ax:postCode>SW1Y 5HP</ax:postCode>  <ax:premisesNumber>100</ax:premisesNumber>  <ax:buildingName/>  <ax:buildingCategory>Standard Building</ax:buildingCategory>  <ax:streetName>Pall Mall</ax:streetName>  <ax:latitude>51.506358</ax:latitude>  <ax:longitude>-0.13415</ax:longitude>  <ax:buildingConnectivityType>Colt Fibre</ax:buildingConnectivityType>  <ax:distance/>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>10678</ax:pointID>  <ax:flooroftheCEA/>  <ax:alternativeStreetName>Pall Mall</ax:alternativeStreetName>  <ax:alternativeHouseNumber/>  <ax:commonEquipmentarea>NO</ax:commonEquipmentarea>  <ax:inhouseCablingviaCOLTpossible>YES</ax:inhouseCablingviaCOLTpossible>  <ax:dualEntryAvailability>NO</ax:dualEntryAvailability>  <ax:accessTechnology>ETHERNET OVER MMSP</ax:accessTechnology>  <ax:reachable>ETHERNET OVER MMSP</ax:reachable>  <ax:proactivelyCapacityManaged>NONE</ax:proactivelyCapacityManaged>  <ax:messageCode>I0010</ax:messageCode>  <ax:CEAFloorText/>  </ax:onNetResult>  </ax:onNetAEndResult>  </ax:onNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

## E-bonding connectivity Request with radius -1 – NearNet match:

|  |
| --- |
| **Request:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion="5.0">  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>99</con:premisesNumber>  <con:streetName>Pall Mall</con:streetName>  <con:cityTown>London</con:cityTown>  <con:postalZipCode>SW1Y</con:postalZipCode>  <con:latitude>51.506169</con:latitude>  <con:longitude>-0.135535</con:longitude>  <con:radius>-1</con:radius>  <con:coltOperatingCountry>United Kingdom</con:coltOperatingCountry>  <con:requiredProduct>Colt IP Access</con:requiredProduct>  <con:connectivityType>COLT Fibre</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |

The address in the query does **not** represent a **connected** building. The radius -1 triggers a query based on the given address parameters. Hence the result is showing **no** building as connected and is therefore offering near net parameters as an alternative.

|  |
| --- |
| **Response:**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>020276376</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>99</ax:premisesNumber>  <ax:streetName>Pall Mall</ax:streetName>  <ax:cityTown>London</ax:cityTown>  <ax:postalZipCode>SW1Y</ax:postalZipCode>  <ax:coltOperatingCountry>United Kingdom</ax:coltOperatingCountry>  <ax:latitude>51.506169</ax:latitude>  <ax:longitude>-0.135535</ax:longitude>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:messageCode>I0011</ax:messageCode>  <ax:onNetAEndResult>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:messageCode>I0011</ax:messageCode>  </ax:onNetAEndResult>  </ax:onNetStatus>  <ax:nearNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:nearNetAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:nearNetResult>  <ax:premisesNumber>99</ax:premisesNumber>  <ax:streetName>Pall Mall</ax:streetName>  <ax:cityName>London</ax:cityName>  <ax:postCode>SW1Y</ax:postCode>  <ax:latitude>51.506169</ax:latitude>  <ax:longitude>-0.135535</ax:longitude>  <ax:coltOperatingCountry>United Kingdom</ax:coltOperatingCountry>  <ax:isNearNet>true</ax:isNearNet>  <ax:pointID>NEARNET-260970</ax:pointID>  <ax:nearnetDistance>15 metres</ax:nearnetDistance>  <ax:indicativeLeadTime>90 Days</ax:indicativeLeadTime>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:messageCode>I0050</ax:messageCode>  <ax:notes>NearNet results are based on geocode and not on the input address</ax:notes>  </ax:nearNetResult>  </ax:nearNetAEndResult>  </ax:nearNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

# Off-Net Queries(Leased Lines)

**Offnet Quotation is the way forward if you want to benefit from a footprint based on 3rd party leased line that is going beyond the Colt’s fibre connected buildings:**

If today, you are contacting our quoting team to check for 3rd party leased line offers, then you can now get the same offers via eBonding – allowing you to self-serve, saving you time waiting for a response from Colt.

We will be offering pricing via eBonding for more 3rd party leased line offers compared to now. How come? Because we will be getting pricing from a greater range of carriers for each country. Each 3rd party leased line quote will have a unique quote id that can be used to order the service with Colt.

**How do I use it via eBonding?**

You will need to provide a detailed address and the Latitude/Longitude in order to engage the Check OLO Offers service.

**Why do I need a detailed address?**

We have APIs with carriers who require a full detailed address in order to provide you with the most competitive offers.

**Product In-scope**

* Colt Ethernet Line
* Colt Ethernet Hub and Spoke
* Colt Ethernet VPN

**Connectivity type in-Scope**

* Leased Line

**Mandatory fields**

* Country
* Street name
* Lattidude
* Longitude
* Product

## Example for connectivity check

In the following section you will find an example query and response for connectivity checks.

**NOTE:** Kindly ignore oloStatus section for OLO queries. It was supported till Version 2 and it is present in the WSDL definition for backward compatibility.

### E-bonding connectivity request

<ns3:checkConnectivity xmlns:ns1="http://cp.colt.com/priceservice" xmlns:con="http://aat.colt.com/connectivityservice" xmlns:ns3="[http://www.colt.net/xml/ns/b2bFramework/v](http://www.colt.net/xml/ns/b2bFramework/v3)4">

   <checkConnectivityRequest>

      <con:checkConnectivityRequest con:schemaVersion=“5.0”>

         <con:requestType>ALL</con:requestType>

         <con:requestMode>

            <con:requestID>1</con:requestID>

            <con:siteAddress>

               <con:buildingName/>

               <con:premisesNumber>45</con:premisesNumber>

               <con:streetName>Aert van Nesstraat</con:streetName>

               <con:cityTown>Rotterdam</con:cityTown>

               <con:postalZipCode>3012 CA</con:postalZipCode>

               <con:latitude>51.9210466</con:latitude>

               <con:longitude>4.4775635999999395</con:longitude>

               <con:siteTelephoneNumber/>

               <con:coltOperatingCountry>Netherlands</con:coltOperatingCountry>

               <con:requiredProduct>Colt Ethernet Line</con:requiredProduct>

               <con:bandwidth>2Mbps</con:bandwidth>

               <con:bandwidth>10Mbps</con:bandwidth>

               <con:connectivityType>Leased Line</con:connectivityType>

            </con:siteAddress>

         </con:requestMode>

      </con:checkConnectivityRequest>

   </checkConnectivityRequest>

</ns3:checkConnectivity>

### E-bonding connectivity response

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<SOAP-ENV:Header/>

<SOAP-ENV:Body>

<ser-root:checkConnectivityResponse xmlns:ser-

**… TRUNCATED …**

</ax:oloAEndResult>

</ax:oloStatus>

<ax:oloOptionsStatus>

<ax:status>AVAILABLE</ax:status>

<ax:oloOptionAEndResult>

<ax:status>AVAILABLE</ax:status>

<ax:supplierOnnetOption>

<ax:coltOperatingCountry>Netherlands</ax:coltOperatingCountry>

<ax:cityName>ROTTERDAM</ax:cityName>

<ax:postCode>3012 CA</ax:postCode>

<ax:premisesNumber>25P</ax:premisesNumber>

<ax:streetName>Aert van Nesstraat</ax:streetName>

<ax:latitude>4.478271</ax:latitude>

<ax:coltProduct>Colt Ethernet Line</ax:coltProduct>

<ax:supplierName>Tele2</ax:supplierName>

<ax:bandwidth>

<ax:bandwidthName>2 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:bandwidth>

<ax:bandwidthName>10 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:pointID>OLO-32540</ax:pointID>

</ax:supplierOnnetOption>

<ax:supplierOnnetOption>

<ax:coltOperatingCountry>Netherlands</ax:coltOperatingCountry>

<ax:cityName>Rotterdam</ax:cityName>

<ax:postCode>3012 CA</ax:postCode>

<ax:premisesNumber>4</ax:premisesNumber>

<ax:streetName>Aert van Nesstraat</ax:streetName>

<ax:coltProduct>Colt Ethernet Line</ax:coltProduct>

<ax:supplierName>Tele2</ax:supplierName>

<ax:bandwidth>

<ax:bandwidthName>2 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:bandwidth>

<ax:bandwidthName>10 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:pointID>OLO-32541</ax:pointID>

</ax:supplierOnnetOption>

<ax:supplierOnnetOption>

<ax:coltOperatingCountry>Netherlands</ax:coltOperatingCountry>

<ax:cityName>Rotterdam</ax:cityName>

<ax:postCode>3012 AE</ax:postCode>

<ax:premisesNumber>93</ax:premisesNumber>

<ax:streetName>Coolsingel 93</ax:streetName>

<ax:latitude>4.4788608</ax:latitude>

<ax:bandwidth>

<ax:bandwidthName>2 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:pointID>OLO-32585</ax:pointID>

</ax:supplierOnnetOption>

<ax:supplierOffnetOption>

<ax:coltOperatingCountry>Netherlands</ax:coltOperatingCountry>

<ax:cityName>Rotterdam</ax:cityName>

<ax:postCode>3012 CA</ax:postCode>

<ax:premisesNumber>45</ax:premisesNumber>

<ax:streetName>AERT VAN NESSTRAAT</ax:streetName>

<ax:latitude>51.9210466</ax:latitude>

<ax:longitude>4.4775635999999395</ax:longitude>

<ax:coltProduct>Colt Ethernet Line</ax:coltProduct>

<ax:supplierName>KPN (fibre)</ax:supplierName>

<ax:supplierProduct>WEAS</ax:supplierProduct>

<ax:bandwidth>

<ax:bandwidthName>2 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:bandwidth>

<ax:bandwidthName>10 Mbps</ax:bandwidthName>

</ax:bandwidth>

<ax:pointID>OLO-32557</ax:pointID>

</ax:supplierOffnetOption>

<ax:supplierOffnetOption>

<ax:coltOperatingCountry>Netherlands</ax:coltOperatingCountry>

<ax:cityName>Rotterdam</ax:cityName>

<ax:postCode>3012 CA</ax:postCode>

**… TRUNCATED …**

</checkConnectivityResponse>

</ser-root:checkConnectivityResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

## Example for price check

The following section gives an overview about valid and invalid access type combinations for A-end and B-end.

**Valid Combinations**

1. A-End: On-net

B-End: Leased Line

2. A-End: On-net

B-End: Leased Line+On-net

3. A-End: On-net

B-end: On-net

4. A-End: Leased Line

B-end: On-net

**Invalid Combination**

1. A-End: Leased Line

B-End: Leased Line

### Check Price request with valid combination of network points

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Header/>

<SOAP-ENV:Body>

<con:checkPrice xmlns:con="http://www.colt.net/xml/ns/b2bFramework/v3" xmlns:ns2="http://cp.colt.com/priceservice/v2" xmlns:ns5="http://aat.colt.com/connectivityservice/v2">

<checkPriceRequest>

<ns2:checkPriceRequest ns2:schemaVersion="3.0">

<ns2:userID>OQATest1@colt.net</ns2:userID>

<ns2:source>APT</ns2:source>

<ns2:requestPrice>

<ns2:requestID>1</ns2:requestID>

<ns2:ocn>674485</ns2:ocn>

<ns2:requestType>SERVICE</ns2:requestType>

<ns2:service>Colt Ethernet Line</ns2:service>

<ns2:serviceType>P2P</ns2:serviceType>

<ns2:networkPoints>

<ns2:aEndNetworkPoint>384</ns2:aEndNetworkPoint>

<ns2:bEndNetworkPoint>OLO-27444</ns2:bEndNetworkPoint>

<ns2:bEndNetworkPoint>OLO-27441</ns2:bEndNetworkPoint>

<ns2:bEndNetworkPoint>OLO-27445</ns2:bEndNetworkPoint>

</ns2:networkPoints>

<ns2:bandwidth>2Mbps</ns2:bandwidth>

<ns2:bandwidth>10Mbps</ns2:bandwidth>

<ns2:isSLAInfoRequired>true</ns2:isSLAInfoRequired>

<ns2:isPriceLevelGPCNInfoRequired>true</ns2:isPriceLevelGPCNInfoRequired>

<ns2:isSupplierInfoRequired>true</ns2:isSupplierInfoRequired>

</ns2:requestPrice>

</ns2:checkPriceRequest>

</checkPriceRequest>

</con:checkPrice>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

### Check Price response with valid combinations

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<SOAP-ENV:Header/>

<SOAP-ENV:Body>

<ser-root:checkPriceResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v3">

<checkPriceResponse>

<ax:checkPriceResponse xmlns:ax="http://cp.colt.com/priceservice/v2">

<ax:sequenceID>000012110</ax:sequenceID>

<ax:userId>OQATest1@colt.net</ax:userId>

<ax:responseDetails>

<ax:status>AVAILABLE</ax:status>

</ax:responseDetails>

<ax:responsePrice>

<ax:requestID>1</ax:requestID>

<ax:responseDetails>

<ax:status>AVAILABLE</ax:status>

</ax:responseDetails>

<ax:ocn>674485</ax:ocn>

<ax:requestType>SERVICE</ax:requestType>

<ax:service>Colt Ethernet Line</ax:service>

<ax:searchModeId>2</ax:searchModeId>

<ax:prices>

<ax:offnetPrice>

<ax:offnetnetworkPointPrices>

<ax:responseDetails>

<ax:status>AVAILABLE</ax:status>

</ax:responseDetails>

<ax:locationbNetworkPointCode>OLO-27444</ax:locationbNetworkPointCode>

<ax:locationbCountryname>Netherlands</ax:locationbCountryname>

<ax:locationbPostcode>3012 CA</ax:locationbPostcode>

<ax:locationbCityname>Rotterdam</ax:locationbCityname>

<ax:locationbStreetname>Aert Van Nesstraat 45</ax:locationbStreetname>

<ax:locationbHousenumber>45</ax:locationbHousenumber>

<ax:pricePoints>

<ax:aEndDeliverySupplier>COLT</ax:aEndDeliverySupplier>

<ax:bEndDeliverySupplier>Verizon Business</ax:bEndDeliverySupplier>

<ax:priceNrc1>1878</ax:priceNrc1>

<ax:priceMrc1>390</ax:priceMrc1>

<ax:totalPrice1>6558</ax:totalPrice1>

<ax:quoteDetail1>

<ax:quoteId>QT-20160307063711-39</ax:quoteId>

<ax:quoteType>ACTUAL</ax:quoteType>

</ax:quoteDetail1>

<ax:currency>EUR</ax:currency>

<ax:remarks>Protected.Demarcation device included.</ax:remarks>

<ax:bandwidthCode>14</ax:bandwidthCode>

<ax:bandwidthDesc>2Mbps</ax:bandwidthDesc>

<ax:accessCodeAEnd>1</ax:accessCodeAEnd>

<ax:accessTypeAEnd>Colt fibre</ax:accessTypeAEnd>

<ax:accessInternalNameAEnd>COLT Fibre</ax:accessInternalNameAEnd>

<ax:accessCodeBEnd>22</ax:accessCodeBEnd>

<ax:accessTypeBEnd>Leased Line</ax:accessTypeBEnd>

<ax:accessInternalNameBEnd>3rd Party Leased Line</ax:accessInternalNameBEnd>

<ax:priceId>1460359452802</ax:priceId>

</ax:pricePoints>

<ax:pricePoints>

<ax:aEndDeliverySupplier>COLT</ax:aEndDeliverySupplier>

<ax:bEndDeliverySupplier>Verizon Business</ax:bEndDeliverySupplier>

<ax:priceNrc1>1278</ax:priceNrc1>

<ax:priceMrc1>290</ax:priceMrc1>

<ax:totalPrice1>4758</ax:totalPrice1>

<ax:quoteDetail1>

<ax:quoteId>QT-20160307063711-39</ax:quoteId>

<ax:quoteType>ACTUAL</ax:quoteType>

**… TRUNCATED …**

<ax:accessTypeAEnd>Colt fibre</ax:accessTypeAEnd>

<ax:accessInternalNameAEnd>COLT Fibre</ax:accessInternalNameAEnd>

<ax:accessCodeBEnd>22</ax:accessCodeBEnd>

<ax:accessTypeBEnd>Leased Line</ax:accessTypeBEnd>

<ax:accessInternalNameBEnd>3rd Party Leased Line</ax:accessInternalNameBEnd>

<ax:priceId>1460359452924</ax:priceId>

</ax:pricePoints>

</ax:offnetnetworkPointPrices>

<ax:networkPointPricesNotAvailable>

<ax:responseDetails>

<ax:status>NOT-AVAILABLE</ax:status>

</ax:responseDetails>

<ax:networkPointCode>OLO-27441</ax:networkPointCode>

</ax:networkPointPricesNotAvailable>

</ax:offnetPrice>

</ax:prices>

</ax:responsePrice>

<ax:additionalInformation/>

</ax:checkPriceResponse>

</checkPriceResponse>

</ser-root:checkPriceResponse>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

# DSL Queries

## Availability of DSL connectivity into a site

The availability of DSL connectivity into a requested site is checked real time during the connectivity check phase of a query.

However this availability check has to be considered as a snapshot of this very moment of time.

Free pairs of copper in the copper cables between the central offices and the buildings are a limited resource. Hence a given availability situation into a site a t a certain moment in time can

For this reason the confirmation of the availability into a site is subject to a final confirmation with the 3rd party DSL provider during the ordering phase.

**NOTE**: DSL provides **maximum** **40Mbps** available bandwidth. It will never provide more than 40Mbps even if we query for more than 40Mbps. Querying above 40mbps will result maximum bandwidth available for the given site.

**For example**, if we query for Offnet connectivity(DSL) for France for below address:

16 Rue Friant Paris 75014 for product Colt IP VPN and bandwidth 100Mbps. Result will show only 25Mbps in response as this is the maximum available bandwith for above site address.

**Request:**

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v5="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <v5:checkConnectivity>  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion=“5.0”>  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>123</con:requestID>  <con:siteAddress>  <con:premisesNumber>16</con:premisesNumber>  <con:streetName>Rue Friant</con:streetName>  <con:cityTown>Paris</con:cityTown>  <con:postalZipCode>75014</con:postalZipCode>  <con:coltOperatingCountry>France</con:coltOperatingCountry>  <con:requiredProduct>Colt IP VPN</con:requiredProduct>  <con:bandwidth>100Mbps</con:bandwidth>  <con:connectivityType>DSL</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </v5:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |

**Response**:

|  |
| --- |
| <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  <soapenv:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v5" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>017343816</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>123</ax:requestID>  <ax:siteOutPutAddress>  <ax:premisesNumber>16</ax:premisesNumber>  <ax:streetName>Rue Friant</ax:streetName>  <ax:cityTown>Paris</ax:cityTown>  <ax:postalZipCode>75014</ax:postalZipCode>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:offNetOptionStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>W0011</ax:messageCode>  <ax:offNetOptionAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>100Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:coltProduct>Colt IP VPN</ax:coltProduct>  <ax:pointID>2779079</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:streetName>Service: ORANGE CELAN cuivre</ax:streetName>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>100Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>SFR</ax:supplierName>  <ax:coltProduct>Colt IP VPN</ax:coltProduct>  <ax:pointID>3013878</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:streetName>Service: SFR REFLEX</ax:streetName>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>100Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>ULL DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:coltProduct>Colt IP VPN</ax:coltProduct>  <ax:pointID>2129911</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>100Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:coltProduct>Colt IP VPN</ax:coltProduct>  <ax:pointID>3051554</ax:pointID>  <ax:postCode>75014</ax:postCode>  <ax:streetName>Service: ORANGE DSLE C1</ax:streetName>  <ax:cityName>Paris</ax:cityName>  </ax:offNetOptionResult>  </ax:offNetOptionAEndResult>  </ax:offNetOptionStatus>  <ax:offNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>I0007</ax:messageCode>  <ax:localExchange>  <ax:exchangeDetail>  <ax:type>NO</ax:type>  <ax:coType>C1</ax:coType>  <ax:coID>FR-FTFR-75114BNE</ax:coID>  <ax:coName>FR-FTFR-75114BNE</ax:coName>  <ax:coDistance>1433.0</ax:coDistance>  <ax:coDistanceCalculateUsing>Address</ax:coDistanceCalculateUsing>  <ax:sparePair>49</ax:sparePair>  <ax:accuracyRating>High</ax:accuracyRating>  <ax:pairLength>04 01433</ax:pairLength>  </ax:exchangeDetail>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>25M/25M1:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>25</ax:downstreamBandwidth>  <ax:contentionRatio>1:1</ax:contentionRatio>  <ax:upstreamBandwidth>25</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:coltOperatingCountry>France</ax:coltOperatingCountry>  <ax:supplierName>ORANGE(FR)</ax:supplierName>  <ax:requiredPairs>8</ax:requiredPairs>  <ax:serviceType>ULL DSL</ax:serviceType>  <ax:accessTechnology>EFM</ax:accessTechnology>  <ax:coltProduct>Colt IP VPN</ax:coltProduct>  <ax:messageCode>I0008</ax:messageCode>  <ax:messageCode>W0003</ax:messageCode>  </ax:availableOption>  </ax:localExchange>  </ax:offNetStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </soapenv:Body>  </soapenv:Envelope> |

## Criteria for the real time availability check

The following information has to be submitted in order to perform a successful availability check:

All countries: full address (premise no, street, city, post code)

Product

Bandwidth

ES/PT: phone number of a landline in local format (in addition to the aforementioned). It is **mandatory** for ES/PT.

FR/BE: phone number (in addition to the aforementioned)

- but only in case the results shall be used for an order

- the phone number triggers a more precise calculation of the distance

## Possible results of the real time availability check

Positive: required data submitted AND availability given

Please refer to the Message section below for the Positive availability check messages

Negative: not all required data submitted

OR

required data submitted AND availability NOT given

Please refer to the Message section below for the negative availability check messages.

## The most important thing to know

The connectivity query and the price query are acting independently.

Hence, the price query will list available prices irrespective of whether the DSL availability check was positive or negative.

This pricing is firm because this is the valid price for the requested site, however the fact that a price is given back must not be misunderstood as an indicator that the requested site is available.

It’s the responsibility of the user to analyse the messages listed in the next section and confirm that the availability check has given back a positive result.

## Messages

* In case that no matching records are found for the searched criteria it will display I0011 Error code in the response.  
  This applies for both scenarios that the site is not listed in the Colt database or that a 3rd party provider returned a negative availability check.
* In case if the DSL Availability Check could not be performed because Web Service was not available, then it would indicate the same with I0021 Error code in the response.
* In case the Check Connectivity request is not well formed, then it will return an error code E0043 in the response.
* In case the product specifies in the request is incorrect, it would return an error code of E0008
* In case the bandwidth specified in the request is incorrect, it would return an error code of E0013
* In case the P2P request type is not supported by this country, it would return an error code of E0014
* In case there is an Internal Server Error, it would return an error code of E0004
* In case there is an General Error Exception, it would return an error code of E0001
* In case there is no price associated to the customer, an error code of I0003 would be returned and if there is no customer specific pricebookid, and the Customer's channel also does not have a pricebookid an error code I0004 is returned.

## Frequent Questions

|  |  |
| --- | --- |
| **Question** | **Answer** |
| What happens on the API in case that only a lower BW than requested is available? | Nearest match goes for lower and upper bandwidth search and the same if found is displayed. |
| What happens on API in case that the selected product is not available? | Error will be sent in the response which would indicate that the product is not available. |

## The Check Price Query

The check price API will perform a price search only based on

Post code

Bandwidth

Product

Customer (for customer specific pricing)

In case a price can be listed it is firm but it does not consider the availability of the requested combination to the address that formed part of the preceding connectivity check.

The check price API does neither feedback alternative bandwidths nor alternative products.

## List of all messages

### DSL Messages from 3rd Party Supplier

|  |  |  |
| --- | --- | --- |
| **S.NO** | **Message** | **Code** |
| 1 | The signal attenuation on your line is close to the technical limit for the bandwidth and number of pairs.(FT) | M2002 |
| 2 | FT needs to confirm the compatibility of your line type to the service requested. (Usually the result of a problem with the technical database.)(FT) | M2004 |
| 3 | FT needs to confirm the compatibility of your line type to the service requested. (Usually the result of a problem with the technical database.)(FT) | M2005 |
| 4 | There is no spare copper pair to the address.(FT) | M2010 |
| 5 | This is a digital line. The service requested requires an analogue line \u0096 the client will have to change his service contract. (In this case, try another number\!).(FT) | M2012 |
| 6 | This analogue line is part of a service group. The service requested requires an isolated (ungrouped) analogue line \u0096 the client will have to change his service contract. (In this case, try another number\!).(FT) | M2013 |
| 7 | This line is part of a BASE ACCESS group. The service requested requires an isolated (ungrouped) analogue line \u0096 the client will have to change his service contract. (In this case, try another number\!).(FT) | M2014 |
| 8 | This line is part of a PRIMARY ACCESS group. The service requested requires an isolated (ungrouped) analogue line \u0096 the client will have to change his service contract. (In this case, try another number\!).(FT) | M2015 |
| 9 | The specified number corresponds to a contract for a DIGITAL PRIMARY ACCESS group. The service requested requires an isolated (ungrouped) analogue line \u0096 the client will have to change his service contract. (In this case, try another number\!).(FT) | M2016 |
| 10 | A delay of up to 30 days may be incurred on delivery. (Removal of modems for line sharing).(FT) | M2017 |
| 11 | A technical issue may delay delivery by more than 7 days. Work is in progress that could change the eligibility of offers on this number...(FT) | M2018 |
| 12 | The state of the line (partial PLP) may delay delivery by more than 7 days.(FT) | M2019 |
| 13 | The requested service is incompatible with a service on this line (Transveil ou T\u00E9l\u00E9taxe is incompatible with DSL offers; total LLU is incompatible with xDSL and partial LLU; regulatory incompatibility of a current service.) .(FT) | M2020 |
| 14 | The available number of pairs is insufficient for this service (Enterprise DSL).(FT) | M2022 |
| 15 | The requested DSL service is not compatible with this line (no DSLAM).(FT) | M3001 |
| 16 | The signal attenuation on your line is above the technical limit for the bandwidth and number of pairs.(FT) | M3003 |
| 17 | Resource compatibility issues (digital line).(FT) | M3004 |
| 18 | Active equipment on the line.(FT) | M3007 |
| 19 | The connection is a public payphone.(FT) | M3008 |
| 20 | The signal attenuation on your line permits an upgrade to the standard 512K service.(FT) | M3021 |
| 21 | ErrEur generic. An error not described in the list here below occurred.(FT) | 99 |
| 22 | ISDN line (FT) | 1000 |
| 23 | NDI non attributed (FT) | 1001 |
| 24 | Unknown number (FT) | 1002 |
| 25 | The line belongs to a line grouping. The number of head end is filled. Please restart the eligibility of the railhead (FT resale only) | 1003 |
| 26 | Anomalie in document databases FT (FT resale only) | 1004 |
| 27 | FT must verify the compatibility of your line. (FT) | 1005 |
| 28 | Service available soon at FT (FT) | 1006 |
| 29 | Groupement ISDN lines (FT) | 1007 |
| 30 | Groupement of PSTN lines (FT) | 1008 |
| 31 | Estudy made from an address in the vicinity (FT) | 1009 |
| 32 | Less than four pairs of horns are available on site (FT) | 1010 |
| 33 | A minimum of four copper pairs are available on site (FT) | 1011 |
| 34 | Elibility performed in a straight line inactive (SFR) | 1030 |
| 35 | ErrEur server connection \* FT (SFR) | 1100 |
| 36 | Serveur FT unavailable \* (SFR) | 1101 |
| 37 | SFT erveur closed \* (SFR) | 1102 |
| 38 | Serveur saturated FT \* (SFR) | 1103 |
| 39 | Trop of pending requests \* (SFR) | 1104 |
| 40 | SSaturated erveur SFR (SFR) | 1105 |
| 41 | SSaturated erveur SFR (SFR) | 1106 |
| 42 | STime Out erveur FT \* (SFR) | 1200 |
| 43 | The equipment of this line is not compatible with xDSL (FT) | 2001 |
| 44 | Affaiblissement within a range limit (FT) | 2002 |
| 45 | Impossible to give a firm answer (FT) | 2004 |
| 46 | The postal code transmitted at the request does not determine the price. The INSEE code splitter, was used to determine a rate (SFR). Offers TDSL only.(SFR) | 2010 |
| 47 | Groupement ISDN lines T2.(SFR) | 2015 |
| 48 | ligISDN does T2 | 2016 |
| 49 | a period of 30 days is normally necessary for France Telecom to complete the unbundling of this line (FT) | 2017 |
| 50 | ENo case of technical possibility, the delivery of the order may be greater than 7 days. An operation is underway on the network may alter eligibility. (FT) | 2018 |
| 51 | The xDSL is not yet available in this county (FT) | 3001 |
| 52 | Saturation xDSL equipment in FT (FT) | 3002 |
| 53 | The line loss is too high (SFR) | 3003 |
| 54 | Prpresence of a line on the active element (FT) | 3007 |
| 55 | Line connected to a public use (FT) | 3008 |
| 56 | Anomalie in document databases (FT) (unbundled partial or total)(FT) | 3009 |
| 57 | AN O availability of copper (FT) (unbundled)(FT) | 3010 |
| 58 | Line belonging to a group of lines (FT) (unbundled partial or total)(FT) | 3011 |
| 59 | Line associated with belonging to a group of lines (FT) (unbundled partial or total) | 3012 |
| 60 | Prpresence of an active element on the associated line (FT) (unbundled partial or total)(FT) | 3013 |
| 61 | The requested service is incompatible with a service held by the client.(SFR) | 3016 |
| 62 | Link whose constitution is incompatible with the requested service (FT) | 3017 |
| 63 | Groupement ISDN lines (FT) | 3019 |
| 64 | Prpresence of a service making the eligibility technically impossible (SFR) (unbundled partial or total) (SFR) | 3020 |
| 65 | The weakening of your line gives you access to the standard offer(SFR) | 3021 |
| 66 | The number of pairs available is insufficient(FT) | 3022 |
| 67 | The NDI soon part of a migration NRAHD(FT) | 3023 |
| 68 | Construction is prohibited on the local loop (FT) | 3113 |
| 69 | Login or password unknown (SFR) | 10000 |
| 70 | NDI in the wrong format, 10 digits 0 [1-5] 99999999 (SFR) | 10001 |
| 71 | Offers unauthorized or unknown SFR (SFR) | 10002 |
| 72 | Request already in progress at FT \* (SFR) | 10003 |
| 73 | A\* FT nomalie Protocol (SFR) | 10004 |
| 74 | Format of incorrect postal code (SFR) | 10005 |
| 75 | FSOAP for anointing unauthorized user (SFR) | 10009 |
| 76 | Presponse and FT have no information available in our database cache \* (SFR) | 11000 |
| 77 | Pas service response \* FT (SFR) | 11001 |
| 78 | Problem reprocessing information from FT (SFR) | 11002 |
| 79 | Option is not compatible with the FT offers SFR (SFR) | 11003 |
| 80 | One or equipment needed to mount the link are not deployed (SFR) | 12000 |
| 81 | Phave info in our database rate (SFR) | 12001 |
| 82 | Site not contracted with the supplier (SFR) | 12002 |
| 83 | Présence DSP (SFR) | 12003 |
| 84 | Equipment on site do not get the offer. (SFR) | 12004 |
| 87 | COMMUNICATION ERROR.(TESA) | 0316 |
| 88 | INCONSISTENT DATA.(TESA) | 0317 |
| 89 | Timeout.(TESA) | 3861 |
| 90 | REMOTE SYSTEM NOT AVAILABLE.(TESA) | 9664 |
| 91 | FAILED CONNECTION TO DATABASE.(TESA) | 0001 |
| 92 | COUPLE FOUND NOT ASSOCIATED.(TESA) | 0002 |
| 93 | SPACE IS THE RESULTS EXCEEDED.(TESA) | 0003 |
| 94 | Postcode is required | 1.NL |
| 95 | Postcode is not valid | 2.NL |
| 96 | House Number is required | 3.NL |
| 97 | House Number is not valid | 4.NL |
| 98 | Information is temporarily not available | 9.NL |
| 99 | Too many requests, please lower your request frequency | 98.NL |
| 100 | Unknown error has occurred | 99.NL |
| 101 | Telephone number not found in the BT database or the number belongs to a LLU operator | 1.TEL.UK |
| 102 | Postcode not found in database | 2.TEL.UK |
| 103 | Telephone number is invalid. Telephone numbers must be 10-11 characters in length and start with either 01 or 02 | 3.TEL.UK |
| 104 | Postcode is invalid. Postcodes must be between 5 and 7 characters in length | 4.TEL.UK |
| 105 | Telephone Number Exported to an Other Licensed Operator, therefore we cannot qualify this line | 5.TEL.UK |
| 106 | Telephone Number Ceased, therefore the telephone number no longer exists | 6.TEL.UK |
| 107 | Error processing request. Please try again later | 7.TEL.UK |
| 108 | Authentication failed. Username and password combination incorrect | 8.TEL.UK |
| 109 | Not executed via HTTPS. The XML version of the checker must be sent over HTTPS as it returns customer information | 9.TEL.UK |
| 110 | Description of MAC Validation Request Failure | 99.TEL.UK |
| 111 | Reserved for future use | 10.TEL.UK |
| 112 | Reserved for future use | 11.TEL.UK |
| 113 | Reserved for future use | 12.TEL.UK |
| 114 | Technical error has occurred, please try again later | 0001 |
| 115 | Technical error has occurred, please try again later | 0002 |
| 116 | Technical error has occurred, please try again later | 0003 |
| 117 | 9001 Product Check not possible | 9000 |
| 118 | Access Denied | 9001 |
| 119 | Technical error has occurred, please try again later | 0801 |
| 120 | Address not uniquely identified | 0802 |
| 121 | Please Enter or Select a valid Community name | 0804 |
| 122 | Please enter or Select a valid street name | 0805 |
| 123 | Please Enter or Select a valid house Number | 0806 |
| 124 | Please Enter or Select a valid Community name or Area code | 0701 |
| 125 | Please enter or Select a valid street name | 0702 |
| 126 | Please Enter or Select a valid house number | 0703 |
| 127 | Please Enter or Select a valid Community name | 0705 |
| 128 | Please Enter or Select a valid house Number | 0706 |
| 129 | We cannot perform a check on this NA or address | 0707 |
| 130 | Technical error has occurred, please try again later | 0708 |
| 131 | Address Not Found (Unmatched Address) | 1.ADD.UK |
| 132 | Too Many Addresses Found | 2.ADD.UK |
| 133 | Qualification not available for this address | 3.ADD.UK |
| 134 | Mandatory Postcode field not entered | 4.ADD.UK |
| 135 | Mandatory Thoroughfare Number or Premise Name not entered | 5.ADD.UK |
| 136 | Insufficient Address Elements | 6.ADD.UK |
| 137 | Conflict between Locality, Posttown and Postcode | 7.ADD.UK |
| 138 | Posttown or Locality not unique | 8.ADD.UK |
| 139 | An Error Has Occurred | 9.ADD.UK |
| 140 | Authentication failed. Username and password combination incorrect | 10.ADD.UK |
| 141 | Not executed via HTTPS. The XML version of the checker must be sent over HTTPS as it returns customer information | 11.ADD.UK |
| 142 | Incomplete information available. | 12.ADD.UK |
| 143 | The address does not map to Gold NAD key, please proceed with postcode qualification. | 13.ADD.UK |
| 144 | Invalid NAD Key Format | 14.ADD.UK |
| 145 | Reserved for future use | 15.ADD.UK |
| 146 | Reserved for future use | 16.ADD.UK |
| 147 | Reserved for future use | 17.ADD.UK |

### Information Messages

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **Message** | **MessageCategory** | **Code** |
| 1 | Connectivity search is performed based on address and not on the user entered telephone number | Information | I0001 |
| 2 | Connectivity search is performed based on the telephone number and not on the user entered address | Information | I0002 |
| 3 | For A End: Connectivity search is performed based on address and not on the user entered telephone number | Information | I0003 |
| 4 | For A End: Connectivity search is performed based on the telephone number and not on the user entered address | Information | I0004 |
| 5 | For B End: Connectivity search is performed based on address and not on the user entered telephone number | Information | I0005 |
| 6 | For B End: Connectivity search is performed based on the telephone number and not on the user entered address | Information | I0006 |
| 7 | Note: Guaranteed bandwidth is equal to the maximum bandwidth divided by the contention ratio: example, bandwidth 2M/512Kb 8:1 (contention ratio), then the guaranteed bandwidth is 256K. Guaranteed bandwidth is the same for downstream and upstream traffic.If contention is 0:1, it will mean that it is 0% guaranteed | Information | I0007 |
| 8 | Your selected bandwidth is not available. The closest match is displayed. | Information | I0008 |
| 9 | Inactive Building: An on-net building where a COLT BFP is available, a COLT CTP may no longer be available and where no COLT CEA is in use. | Information | I0009 |
| 10 | Active Building: An on-net building where a COLT BFP and/or a COLT CTP is available and where a COLT CEA might be available. | Information | I0010 |
| 11 | No Matching Record Found for the searched criteria. | Information | I0011 |
| 12 | Important note: when delivered over wDSL (L2TP), the only combination allowed for Smart Office is IPAccess + VoIP Access. IP Voice Line (PRI/BRI) is not available | Information | I0012 |
| 13 | offnet connectivity service is unavailable | Information | I0013 |
| 14 | Unable to calculate distance between Central Office and site address | Information | I0014 |
| 15 | Unable to calculate distance due to internal error | Information | I0015 |
| 16 | Unable to calculate distance due to Query Limit achieved | Information | I0016 |
| 17 | Unable to calculate distance due to Invalid Request | Information | I0017 |
| 18 | Unable to calculate distance due to max element exceed | Information | I0018 |
| 19 | Unable to calculate distance due to request denied | Information | I0019 |
| 20 | Unable to calculate distance due to unknown error | Information | I0020 |
| 21 | DSL Check could not be performed because Web Service is not available | Information | I0021 |
| 22 | Invalid Bandwidth present in the request | Information | I0022 |
| 23 | Pre-approved On-net Building: building which is not currently connected to Colt network but has a pre-approved funding to be connected (lead time is then higher than for ordinary on-net). The connection to the building is subject to surveys, way leaves, and landlord approvals. A specific Project Code needs to be obtained from the Colt sales team for the BCP/CPA field of the order form | Information | I0023 |
| 24 | Telephone number is not mandatory (except for ordering purposes) but if provided will enable faster and more accurate results | Information | I0024 |
| 25 | No Match found on basis of address entered and the response provided is as per Post Code only | Information | I0025 |
| 26 | For all wDSL services, the BW shown is the maximum speed that your line can achieve. The stable line rate will be determined during the first 10 days of service usage. Throughput/download speeds can be less than line rates and can be affected by a variety of factors. | Information | I0026 |
| 27 | This product is not supported for this Country | Information | I0027 |
| 28 | Near-Net building: Building which has a pre-determined connection cost | Information | I0028 |
| 29 | YES | Information | I0029 |
| 30 | NO | Information | I0030 |
| 31 | If distance is higher than 800m the delivery of this line by Telefonica is highly unlikely | Information | I0031 |
| 32 | If distance is higher than 1000m the delivery of this line by Telefonica is highly unlikely | Information | I0032 |
| 33 | Please note that due to EFM Tool unavailability for this CO, maximum available bandwidth and required copper pairs are not displayed | Information | I0033 |
| 34 | Pre-approved On-net Building: building which is not currently connected to Colt network but has a pre-approved funding to be connected. | Information | I0034 |
| 35 | Feasibility confirmation is only possible when ordering | Information | I0035 |

### Error Messages

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **Message** | **MessageCategory** | **Code** |
| 1 | This site is more than 4.5km from the closest CO (matched by address or telephone number), hence no service can be provided via DSL to this site. | Error | E0001 |
| 2 | No Country specified in request | Error | E0002 |
| 3 | No premises number specified in site Address | Error | E0003 |
| 4 | No street name specified in site Address | Error | E0004 |
| 5 | No city town specified in site Address | Error | E0005 |
| 6 | No postal zip code specified in site Address | Error | E0006 |
| 7 | Country specified in request is not currently supported | Error | E0007 |
| 8 | Invalid product specified in request | Error | E0008 |
| 9 | Site phone number is mandatory for requested country | Error | E0009 |
| 10 | Site phone number should have minimum 6 digits and maximum 11 digits | Error | E0010 |
| 11 | Address or Phone number is mandatory for requested country | Error | E0011 |
| 12 | No specific CO/Exchange found | Error | E0012 |
| 13 | Bandwidth not recognized | Error | E0013 |
| 14 | P2P request type is not suppored by this country. | Error | E0014 |
| 15 | On-net , OLO and OFF-net option connectivity cannot be performed for P2P type request | Error | E0015 |
| 16 | Both Latitude and Longitude are required | Error | E0016 |
| 17 | Either Postal zip code OR (streetname and citytown)and Country or Latitude and Longitude are required | Error | E0017 |
| 18 | Country specified in the address is not valid for Connectivity Search | Error | E0018 |
| 19 | NO Input Specified | Error | E0019 |
| 20 | Either (Postcode) OR (streetname and citytown) should be provided in input | Error | E0020 |
| 21 | Postcode should contain at least 3 characters | Error | E0021 |
| 22 | Street name should contain atleast 3 characters | Error | E0022 |
| 23 | Town should contain at least 3 characters | Error | E0023 |
| 24 | Request cannot be processed, too many addresses | Error | E0024 |
| 25 | Products in each site addresses are not same | Error | E0025 |
| 26 | Bandwidths in each site addresses are not same | Error | E0026 |
| 27 | Request Id not unique | Error | E0027 |
| 28 | Invalid Request Id | Error | E0028 |
| 29 | Invalid Country | Error | E0029 |
| 30 | For P2P , Both end provides | Error | E0030 |
| 31 | Either Postal zip code OR (streetname and citytown) OR Long Address are required fields | Error | E0031 |
| 32 | P2P search is valid only for Offnet connectivity. | Error | E0032 |
| 33 | Channel not recognized | Error | E0034 |
| 34 | P2P request type is not suppored for this product | Error | E0035 |
| 35 | SITE request type is not supported for this product | Error | E0036 |
| 36 | Unable to calculate Geo Code due to over limit | Error | E0037 |
| 37 | No service type specified in request | Error | E0038 |
| 38 | No country specified in site Address | Error | E0039 |
| 39 | Country specified in request is not currently supported | Error | E0040 |
| 40 | Address / supplier country mismatch | Error | E0041 |
| 41 | Address or Phone number is mandatory for requested country | Error | E0042 |
| 42 | invalid check Connectivity Input | Error | E0043 |
| 43 | DSL Check could not be performed because Web Service is not available | Error | E0044 |
| 44 | DSL Check could not be performed because Web Service is not available | Error | E0045 |
| 45 | DSL Check could not be performed because Web Service is not available | Error | E0046 |
| **Added for CC-Integration** | | | |
| 46 | A end and B end Bandwidth didn't matched | Error | E0047 |
| 47 | A end and B end Bandwidth list differs in size | Error | E0048 |
| 48 | Bandwidth list size exceeds 5 | Error | E0050 |
| 49 | Bandwidth invalid | Error | E0051 |
| 50 | Invalid channel format | Error | E0052 |
| 51 | Channel invalid | Error | E0053 |
| 52 | Please provide either building name or premises number | Error | E0054 |
| 53 | Telephone number is not valid. Please introduce a valid telephone number for that address | Error | E0044.ES |

### Warning Messages

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **Message** | **Message Category** | **Code** |
| 1 | Unable to connect with EFM Web service. Warning: In EFM coverage where more than 6 copper pairs are required or where Site Address to CO distance is higher than 1.3Km, please contact local team to confirm feasibility for 10Mbps or higher Bandwidths | Warning | W0001 |
| 2 | Please note the accuracy distance has been calculated by the DSL Provider.Action:Risk of low quality of service. User should confirm alternative types of access to ensure the quality & bandwidth | Warning | W0002 |
| 3 | Please note the accuracy distance has been calculated by the DSL Provider | Warning | W0003 |
| 4 | Please note the accuracy distance has been calculated by the DSL Provider. Action: Central Office appears too far from customer site. User should confirm alternative types of access to ensure the connectivity | Warning | W0004 |
| 5 | Please note the accuracy distance has been calculated by the DSL Provider.Action: Risk of low quality of service. User should confirm alternative types of access to ensure the quality & bandwidth | Warning | W0005 |

# SLA & Availability of Colt eBonding

Usage of Colt eBonding gateway will be logged and monitored at regular intervals. Given the technical constraints related to the execution of service and the number of concurrent requests for the same service, the number of requests per unit of time that the service is capable of handling is limited. When the Colt eBonding gateway is unable to process a request, it is rejected.

Each request and response through the Colt eBonding gateway will be queued and managed in a First-In First-Out (FIFO) principle.

The service operating model is "best effort": the number of requests per unit of time and the customer service process may change, depending on the number of pending requests for other services.

Colt eBonding is available 24 hours a day, 7 days a week, 365 days a year and has an expected availability of 99.5%. Maintenance windows are as follows:

**Application maintenance:** Friday 5:00 pm – Saturday 12:00 pm GMT

**Infrastructure maintenance:** Sunday 3:00 am – 12:00 pm GMT

A formal communication will be sent five working days in advance to a provided email-address, regarding any outage on the eBonding gateway.

The support point of contact (POC) for Colt eBonding platform to report an incident is:

| **Country** | **Phone** | **Email** |
| --- | --- | --- |
| Austria | 0800 880 990 +43 1 20 500 500 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Belgium | 0800 507 01 +32 2 790 16 29 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Denmark | +45 70 21 23 20 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| France | 0800 948 888 +33 1 70 99 56 00 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Germany | 0800 111 1230 +46 69 566 06 5680 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Ireland | 1800 944 040 +34 93 55 02 568 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Italy | 192 090 +39 028 963 48 95 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Netherlands | 0800 26 58 112 +31 20 888 24 33 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Sweden | +46 87 81 83 83 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Switzerland | 0800 560 560 +41 585 601 720 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Portugal | 808 780 222 +351 211 200 222 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Spain | 901 888 400 +34 93 55 02 714 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| United Kingdom | 0800 136 166 +44 203 140 20 23 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |
| Hong Kong, Japan and Singapore | 0800 136 166 +44 203 140 20 23 | [Business.Support@colt.net](mailto:Business.Support@colt.net) |

Appendix A – Product Information

### A1 Products, Bandwidths and product features available

Table 1 below shows the products, bandwidths and product features supported by the check connectivity and check price interfaces. This information is accurate as of June 2013 but is subject to change as Colt enhances the service available. Updated documentation will be made available if there are changes.

1. The **Product** column shows the product name that should be used in both check connectivity and check price request messages. It also shows the **product/service type** value which is also required in both the APIs. The **product features** for which prices are available via the eBonding interface are also listed in this column. The feature name is required only for the CheckPrice interface if you require feature prices. It is not used in the check connectivity API.
2. The **ULL DSL/3rd party DSL and Leased Line** columns show connectivity check availability. The✓ **icon** indicates if the bandwidths can be checked via the connectivity checker interface for DSL and leased line availability. For DSL checks – also refer to the country table which also shows the countries in which high accuracy ULL DSL and 3rd party DSL checks are available.
   * ULL DSL high accuracy in Germany, France, Spain, Belgium, Netherlands,Italy, and Switzerland
   * 3rd party DSL high accuracy in Germany, France, Spain, Belgium and Netherlands
   * U DSL is available in all countries except the UK

**Table1: Products, Bandwidths and product features available**

|  |  |  |  |
| --- | --- | --- | --- |
| **Product (Optical)** | **Bandwidths** | | |
| **Colt Wave**  **Product type in ConnectivityChecker**:  Point to Point  **ServiceType in CheckPrice:** P2P | 1 Gbps  2 Gbps  2.5 Gbps  4 Gbps  8 Gbps  10 Gbps  40 MGbps  100 Gbps | | |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
| **Colt Ethernet Line**  **Product type in ConnectivityChecker**:  Point to Point  **ServiceType in CheckPrice:** P2P  **Product Features :**  Demarcation Device: Bandwidth > 300Mbps  Demarcation Device: Bandwidth ≤ 300Mbps  Link Aggregation (LAG): 1GbE interfaces  Performance Reporting: Bandwidth ≤10Mbps  Performance Reporting: Bandwidth >10Mbps | 2 Mbps | ✓ | ✓ |
| 4 Mbps | ✓ | ✓ |
| 6 Mbps | ✓ | ✓ |
| 8 Mbps | ✓ | ✓ |
| 10 Mbps | ✓ | ✓ |
| 20 Mbps | ✓ | ✓ |
| 30 Mbps | ✓ | ✓ |
| 40 Mbps | ✓ | ✓ |
| 50 Mbps | - | ✓ |
| 60 Mbps | - | ✓ |
| 90 Mbps | - | ✓ |
| 100 Mbps | - | ✓ |
| 200 Mbps | - | ✓ |
| 300 Mbps | - | ✓ |
| 400 Mbps | - | ✓ |
| 500 Mbps | - | ✓ |
| 600 Mbps | - | ✓ |
| 1 Gbps | - | ✓ |
| 10 Gbps | - | - |
| 40 Gbps | - | - |
| 100 Gbps | - | - |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
| **Colt Private Ethernet**  **Product type in ConnectivityChecker**:  Point to Point  **ServiceType in CheckPrice:** P2P | 1 Gbps | - | - |
| 2 Gbps | - | - |
| 3 Gbps | - | - |
| 4 Gbps | - | - |
| 6 Gbps | - | - |
| 10 Gbps | - | - |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
| **Colt Ethernet Hub and Spoke**  **Product type in ConnectivityChecker**:  Single site  **ServiceType in CheckPrice:** HNS  **Product Features :**  Demarcation Device: Bandwidth > 300Mbps  Demarcation Device: Bandwidth ≤ 300Mbps  Link Aggregation (LAG): 1GbE interfaces  Performance Reporting: Bandwidth ≤10Mbps  Performance Reporting: Bandwidth >10Mbps | 2 Mbps | ✓ | ✓ |
| 4 Mbps | ✓ | ✓ |
| 6 Mbps | ✓ | ✓ |
| 8 Mbps | ✓ | ✓ |
| 10 Mbps | ✓ | ✓ |
| 20 Mbps | ✓ | ✓ |
| 30 Mbps | ✓ | ✓ |
| 40 Mbps | ✓ | ✓ |
| 50 Mbps | - | ✓ |
| 60 Mbps | - | ✓ |
| 90 Mbps | - | ✓ |
| 100 Mbps | - | ✓ |
| 150 Mbps | - | ✓ |
| 200 Mbps | - | ✓ |
| 300 Mbps | - | ✓ |
| 400 Mbps | - | ✓ |
| 500 Mbps | - | ✓ |
| 600 Mbps | - | ✓ |
| 1 Gbps | - | ✓ |
| 2 Gbps | - | - |
| 3 Gbps | - | - |
| 4 Gbps | - | - |
| 5 Gbps | - | - |
| 6 Gbps | - | - |
| 10 Gbps | - | - |
| 20 Gbps | - | - |
| 30 Gbps | - | - |
| 50 Gbps | - | - |
| 60 Gbps | - | - |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
| **Colt Ethernet VPN** | 2 Mbps | ✓ | - |
| 4 Mbps | ✓ | - |
| 6 Mbps | ✓ | - |
| 8 Mbps | ✓ | - |
| 10 Mbps | ✓ | - |
| 20 Mbps | ✓ | - |
| 30 Mbps | ✓ | - |
| 40 Mbps | ✓ | - |
| 50 Mbps | - | - |
| 60 Mbps | - | - |
| 90 Mbps | - | - |
| 100 Mbps | - | - |
| 200 Mbps | - | - |
| 300 Mbps | - | - |
| 400 Mbps | - | - |
| 500 Mbps | - | - |
| 600 Mbps | - | - |
| 1 Gbps | - | - |
| 10 Gbps | - | - |
| 20 Gbps | - | - |
| 30 Gbps | - | - |
| 40 Gbps | - | - |
| 50 Gbps | - | - |
| 60 Gbps | - | - |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
|  |  |  |  |
| **Colt IP Access**  **Product type in ConnectivityChecker**: Single site  **ServiceType in CheckPrice:** SITE | 1 Mbps | ✓ | - |
| 2 Mbps | ✓ | ✓ |
| 3 Mbps | ✓ | - |
| 4 Mbps | ✓ | ✓ |
| 5 Mbps | ✓ | - |
| 6 Mbps | ✓ | ✓ |
| 7 Mbps | ✓ | - |
| 8 Mbps | ✓ | ✓ |
| 9 Mbps | ✓ | - |
| 10 Mbps | ✓ | ✓ |
| 12 Mbps | ✓ | - |
| 14 Mbps | ✓ | - |
| 16 Mbps | ✓ | - |
| 18 Mbps | ✓ | - |
| 20 Mbps | ✓ | ✓ |
| 30 Mbps | ✓ | ✓ |
| 40 Mbps | ✓ | ✓ |
| 50 Mbps | - | ✓ |
| 60 Mbps | - | ✓ |
| 70 Mbps | - | ✓ |
| 80 Mbps | - | ✓ |
| 90 Mbps | - | ✓ |
| 100 Mbps | - | ✓ |
| 200 Mbps | - | ✓ |
| 300 Mbps | - | ✓ |
| 400 Mbps | - | ✓ |
| 500 Mbps | - | ✓ |
| 600 Mbps | - | ✓ |
| 700 Mbps | - | ✓ |
| 800 Mbps | - | ✓ |
| 900 Mbps | - | ✓ |
| 1 Gbps | - | ✓ |
| 2 Gbps | - | ✓ |
| 3 Gbps | - | ✓ |
| 4 Gbps | - | ✓ |
| 5 Gbps | - | ✓ |
| 6 Gbps | - | ✓ |
| 7 Gbps | - | ✓ |
| 8 Gbps | - | ✓ |
| 9 Gbps | - | ✓ |
| 10 Gbps | - | ✓ |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
| **Colt IP VPN**  **Product type in ConnectivityChecker**: Single site  **ServiceType in CheckPrice:** SITE  **Product Features :**  Performance Reporting (Gold)  Performance Reporting (Silver)  Pro Active Monitoring  DHCP  SNMP R/O | 64 kbps | ✓ | - |
| 128 kbps | ✓ | - |
| 256 kbps | ✓ | - |
| 512 kbps | ✓ | - |
| 1 Mbps | ✓ | - |
| 2 Mbps | ✓ | ✓ |
| 3 Mbps | ✓ | - |
| 4 Mbps | ✓ | ✓ |
| 5 Mbps | ✓ | - |
| 6 Mbps | ✓ | ✓ |
| 7 Mbps | ✓ | - |
| 8 Mbps | ✓ | ✓ |
| 9 Mbps | ✓ | - |
| 10 Mbps | ✓ | ✓ |
| 20 Mbps | ✓ | ✓ |
| 30 Mbps | ✓ | ✓ |
| 34 Mbps | - | - |
| 40 Mbps | ✓ | ✓ |
| 50 Mbps | - | ✓ |
| 100 Mbps | - | ✓ |
| 150 Mbps | - | ✓ |
| 200 Mbps | - | ✓ |
| 300 Mbps | - | ✓ |
| 400 Mbps | - | ✓ |
| 600 Mbps | - | ✓ |
| 1 Gbps | - | ✓ |
| **Product** | **Bandwidths** | **Access type: ULL DSL / 3rd party DSL** | **Access Type: Leased Line** |
|  |  |  |  |
| **Colt Voice Line**  **Product type in ConnectivityChecker**: Single site  **ServiceType in CheckPrice:** SITE | 2 Mbps | ✓ | - |
|  |  |  |  |

| **Product** | **Bandwidths** |
| --- | --- |
| **ServiceType in CheckPrice:** SITE |  |
| **Colt SIP Trunking**  **ServiceType in CheckPrice:** SITE  **Product Features :**  Inbound Call Rerouting | Voice Channels available  10,20,30,60,90,120,180,240,300,400,500,700,1000 |

### A2 Price Availability per product and access type

Table 2 shows the price availability per product for each connection type: Colt Fibre (on-net), ULL DSL, 3rd party DSL or leased line. Where metro, national and international pricing is mentioned for certain products (the point-to-point products), it means that prices are available for connections within a metropolitan city area (metro), between locations within the country (national) eg London to Birmingham and international is where pricing is available between countries. Eg France to Germany.

For **leased line** prices, please refer to the leased line price availability table to see the list of products and bandwidths for which prices are available per country.

This information is accurate as of June 2013 but is subject to change as Colt enhances the service available. Updated documentation will be made available if there are changes.

**Table 2 Price Availability per product for on-net and off-net access types**

|  |  |  |  |
| --- | --- | --- | --- |
| **Product** | **Colt Fibre (on-net)** | | |
| **Metro** | **National** | **International** |
| **Colt Ethernet Hub and Spoke** |  |  |  |
| **Colt Ethernet Line** |  |  |  |
| **Colt Wave** |  |  |  |
| **Colt Private Ethernet** |  |  |  |
| **Voice Line** |  | | |
| **IPAccess** |  | | |
| **IPVPN** |  | | |
| **Colt SIP Trunking** |  | | |
| **Business Packs** |  | | |

| **Products** | **Off- net Access types** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ULL DSL** | | | **3rd party DSL** | | | **Leased Line (ONLP)** | | |
| **Metro** | **National** | **Intl** | **Metro** | **National** | **Intl** | **Metro** | **National** | **Intl** |
| **Ethernet Hub&Spoke** |  |  |  |  |  |  |  |  |  |
| **Ethernet Line** |  |  |  |  |  |  |  |  |  |
| **Colt Wave** |  |  |  |  |  |  |  |  |  |
| **Colt Private Ethernet** |  |  |  |  |  |  |  |  |  |
| **Voice Line** |  | | |  |  |  |  | | |
| **IPAccess** |  | | |  | | |  | | |
| **IPVPN** |  | | |  | | |  | | |
| **Colt SIP Trunking** |  | | |  | | |  | | |
| **Business Packs** |  | | |  | | |  | | |

Appendix B –Country Information

### B1 Connectivity Check and price availability per country

This table shows the countries which are supported. For each country the table shows connectivity check and price availability per country.

**Connectivity check:**

For connectivity checks, the ✓ icon in the on-net column means that you can check for Colt fibre availability in these countries.

For ULL DSL, ‘High accuracy’ is where the DSL availability check has been performed based on the detailed address (eg. building number, streetname, postcode) and therefore the DSL availability status is confirmed at that location and you can proceed to order.

Where the DSL availability check is based on postcodes only , the result is of moderate accuracy only. Before ordering, availability for these services needs to be checked and confirmed by Colt.

3rd party DSL - High accuracy information is based on the full address (plus phone number in Spain and France). This means that the DSL availability from the 3rd party operator is confirmed and so you can proceed to order.

**Pricing Availability**

For pricing, the ✓ icon in the on-net column indicates that on-net prices are available for all products in that country.

For ULL DSL availability, if pricing is only available for certain products in that country, these will be listed.

For 3rd party DSL, if pricing is only available for certain products in that country, these will be listed

For leased line prices, wherever the asterisk \* is shown please refer to the leased line price availability table to see the list of products and bandwidths for which prices are available per country.

This information is accurate as of June 2013 but is subject to change as Colt enhances the service available. Updated documentation will be made available if there are changes.

| **Country** | | **On-net** | **ULL DSL** | **3rd party DSL** | **Leased Line** |
| --- | --- | --- | --- | --- | --- |
| Austria (AT) | Connectivity Check | ✓ | moderate accuracy | -- | ✓ |
| Price Availability | ✓ | ✓ for all products | -- | ✓ \* |
| Belgium (BE) | Connectivity Check | ✓ | High accuracy availability check | High accuracy availability check | ✓ |
| Price Availability | ✓ | ✓ for all products | ✓ for IP Access IP VPN | ✓ \* |
| Czech Republic (CZ) | Connectivity Check | ✓ | -- | -- | ✓ |
| Price Availability | Off-net prices only | -- | -- | ✓ \* |
| Denmark (DK) | Connectivity Check | ✓ | moderate accuracy | -- | -- |
| Price Availability | ✓ | ✓ | -- | ✓ \* |
| Finland  (FI) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability | ✓ | -- | -- | -- |
| France  (FR) | Connectivity Check | ✓ | High accuracy availability check | High accuracy availability check | ✓ |
| Price Availability | ✓ | ✓for all products | -- | ✓ \* |
| Germany (DE) | Connectivity Check | ✓ | High accuracy availability check | High accuracy availability check | ✓ |
| Price Availability | ✓ | ✓for all products | IP Access IP VPN | ✓ \* |
| Hungary (HU) | Connectivity Check | ✓ | -- | -- | ✓ |
| Price Availability | Off-net prices only | -- | -- | ✓ \* |
| Ireland  (IE) | Connectivity Check | ✓ | moderate accuracy | -- | -- |
| Price Availability | ✓ | ✓ | -- | ✓ \* |
| Italy (IT) | Connectivity Check | ✓ | High accuracy availability check | -- | ✓ |
| Price Availability | ✓ | ✓for all products | ✓ for IP Access | ✓ \* |
| Luxembourg (LU) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability | ✓ | ✓for all products | -- | ✓ \* |
| Netherlands (NL) | Connectivity Check | ✓ | High accuracy availability check | High accuracy availability check -- | ✓ |
| Price Availability | ✓ | ✓for all products | IP Access IP VPN | ✓ \* |
| Norway (NO) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability | ✓ | -- | -- | ✓ \* |
| Poland  (PL) | Connectivity Check | ✓ | -- | -- | ✓ |
| Price Availability | Off-net prices only | -- | -- | ✓ \* |
| Portugal (PT) | Connectivity Check | ✓ | moderate accuracy | -- | ✓ |
| Price Availability | ✓ | ✓for all products | -- | ✓ \* |
| Romania (RO) | Connectivity Check | ✓ | -- | -- | ✓ |
| Price Availability | Off-net prices only | -- | -- | ✓ \* |
| Slovakia (SK) | Connectivity Check | ✓ | -- | -- | ✓ |
| Price Availability | Off-net prices only | -- | -- | ✓ \* |
| Spain (ES) | Connectivity Check | ✓ | High accuracy availability check | High accuracy availability check | ✓ |
| Price Availability | ✓ | ✓for all products | IP Access IP VPN | ✓ \* |
| Sweden (SE) | Connectivity Check | ✓ | moderate accuracy | -- | -- |
| Price Availability | ✓ | ✓for all products | -- | ✓ \* |
| Switzerland  (CH) | Connectivity Check | ✓ | High accuracy availability check | -- | -- |
| Price Availability | ✓ | ✓for all products | -- | ✓ \* |
| USA  (US) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability |  | -- | -- | ✓ \* |
| United Kingdom (UK) | Connectivity Check | ✓ | -- | -- | ✓ |
| Price Availability | ✓ | -- | -- | ✓ \* |
| Hong Kong  (HK) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability | ✓ | -- | -- | -- |
| Japan  (JP) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability | ✓ | -- | -- | -- |
| Singapore  (SG) | Connectivity Check | ✓ | -- | -- | -- |
| Price Availability | ✓ | -- | -- | -- |

### B2 Leased Line price availability per country

The table below shows for each country, the product and bandwidth combinations for which the checkPrice API will return a leased line price (i.e.3rd party fibre prices).

International leased line prices (eg A end in France and B end in Germany) are not available.

Reminder: A postcode must be provided in the input address for the checkPrice API to retrieve an off-net price.

This information is accurate as of June 2013 but is subject to change as Colt enhances the service available. Updated documentation will be made available if there are changes.

| **Product** | **ETHERNET POINT TO POINT** | | **ETHERNET HUB & SPOKE** | |
| --- | --- | --- | --- | --- |
| **Country** | **Price** | **Bandwidths available** | **Price** | **Bandwidths available** |
| **Austria** | Metro National | 2,4,6,8,10, 20,50,100, 1G | Metro National | 2,4,6,8,10, 20,50,100, 1G |
| **Belgium** | Metro National | 2,4,6,8,10, 20,30,40,50,100, 200, 300, 400, 500,600, 1G | Metro National | 2,4,6,8,10,20,30,40,50,100, 200, 300, 400, 500,600 |
| **Denmark** |  |  |  |  |
| **France** | Metro National | 2,4,6,8,10,20,30,40,50,  100 | Metro National | 2,4,6,8,10,20,30,40,50,100 |
| **Germany** | Metro National | 2,4,10,50,100,300 | Metro National | 2,4,10,50,100,300 |
| **Ireland** |  |  |  |  |
| **Italy** |  |  |  |  |
| **Luxembourg** | Metro National | 2,4,6,8,10, 20,30,40,50,100 | Metro National | 2,4,6,8,10, 20,30,40,50,100 |
| **Netherlands** | Metro National | 2,4,6,8,10, 20,50,100 | Metro National | 2,4,6,8,10, 20,50,100 |
| **Norway** |  |  |  |  |
| **Portugal** | Metro National | 2,10,100 | Metro National | 2,10,100 |
| **Spain** | Metro National | 2,4,6,10,20,100 | Metro National | 2,4,6,10,20,100 |
| **Sweden** | Metro National | 2,4,10 | Metro National | 2,4,10 |
| **Switzerland** | Metro National | 2,4,10, 20,50,100 | Metro National | 2,4,10, 20,50,100 |
| **United Kingdom** | Metro National | 2,4,6,8,10,20,40,50,100 | Metro National | 2,4,6,8,10,20,40,50,100 |
| **Central Eastern Europe** | Budgetary Price international | 2,10,100 | Budgetary Price International | 2,10,100 |
| **Singapore, Japan and Hong Kong** |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product** | **IP ACCESS** | | **IP VPN** | |
| **Country** | **Price** | **Bandwidths available** | **Price** | **Bandwidths available** |
| **Austria** | Metro National | 2,4,6,8,10,20,50,100,1G | Metro National | 2,4,6,8,10,20,50,100,1G |
| **Belgium** | Metro National | 2,4,6,8,10, 20,30,40,50,100,200,300,  400,600,1G | Metro National | 2,4,6,8,10,20,30,40,50,100,200,300,400,600,1G |
| **Denmark** |  |  |  |  |
| **France** | Metro National | 6,10,20,30,40,50,100 | Metro National | 6,10,20,30,40,50,100 |
| **Germany** | Metro National | 2,4,6,8,10,50,100,300 | Metro National | 2,4,6,8,10,50,100,300 |
| **Ireland** |  |  |  |  |
| **Italy** | Metro National | 2,4,6,8, | Metro National | 2,4,6,8, |
| **Luxembourg** | Metro National | 2,4,6,8,10, 20,30,40,50,100 | Metro National | 2,4,6,8,10, 20,30,40,50,100 |
| **Netherlands** | Metro National | 2,4,6,8,10, 20,50,100 | Metro National | 2,4,6,8,10, 20,50,100 |
| **Norway** |  |  |  |  |
| **Portugal** | Metro National | 2,10,100 | Metro National | 2,10,100 |
| **Spain** | Metro National | 2,4,6,10,20,100 | Metro National | 2,4,6,10,20,100 |
| **Sweden** | Metro National | 2,4,10 | Metro National | 2,4,10 |
| **Switzerland** | Metro National | 2,4,10, 20,50,100 | Metro National | 2,4,10, 20,50,100 |
| **United Kingdom** | Metro National | 2,4,6,8,10,20,30,40,50,100 | Metro National | 2,4,6,8,10,20,30,40,50,100 |
| **Central Eastern Europe** |  |  |  |  |
| **Singapore, Japan and Hong Kong** |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Product** | **SDH (LINK)** | | **Voice Line** | |
| **Country** | **Price** | **Bandwidths available** | **Price** | **Bandwidths available** |
| **Austria** | Metro National | 2 |  |  |
| **Belgium** |  |  |  |  |
| **Denmark** |  |  |  |  |
| **France** | Metro National | 2,34,155 |  |  |
| **Germany** | Metro National | 2,34,155 |  |  |
| **Ireland** |  |  |  |  |
| **Italy** | Metro National | 2,34,155 | Metro National | 2 |
| **Luxembourg** | Metro National | 2,34,155 |  |  |
| **Netherlands** | Metro National | 2,34,155 |  |  |
| **Norway** |  |  |  |  |
| **Portugal** | Metro National | 2,34,155 |  |  |
| **Spain** | Metro National | 2,34,155 |  |  |
| **Sweden** |  |  |  |  |
| **Switzerland** | Metro National | 2,34,45, 155 |  |  |
| **United Kingdom** |  |  |  |  |
| **Central Eastern Europe** |  |  |  |  |
| **Singapore, Japan and Hong Kong** |  |  |  |  |

Appendix C Currencies supported

Pound Sterling GBP

Euro EUR

Danish Kroner DKK

Swedish Kroner SEK

Swiss Franc CHF

US Dollar USD

Iceland Krona ISK

Japanese YenJPY

Singapore Dollar SGD

Hong Kong Dollar HKD

Australian Dollor AUD

China Yuan CNY

A note on currency conversion: Prices are returned in the default currency but if you want prices in a particular currency, then you can specify it in your request message.

Appendix D Example SOAP messages

This section has sample xml messages for CheckConnectivity and checkPrice .

### CheckConnectivity Service Request and Response example

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| This example shows a checkConnectivity request for Product = IP Access, bandwidth = 2 Mb at 79 Kleyerstrasse, Frankfurt 60326, Germany.  **Request message**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:con="http://aat.colt.com/connectivityservice">  <soapenv:Header/>  <soapenv:Body>  <ns3:checkConnectivity xmlns:ns1="http://cp.colt.com/priceservice" xmlns:con="http://aat.colt.com/connectivityservice" xmlns:ns3="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkConnectivityRequest>  <con:checkConnectivityRequest con:schemaVersion=“5.0”>  <con:requestType>SITE</con:requestType>  <con:requestMode>  <con:requestID>1</con:requestID>  <con:siteAddress>  <con:buildingName/>  <con:premisesNumber>79</con:premisesNumber>  <con:streetName>Kleyerstrasse</con:streetName>  <con:cityTown>Frankfurt</con:cityTown>  <con:postalZipCode>60326</con:postalZipCode>  <con:coltOperatingCountry>Germany</con:coltOperatingCountry>  <con:requiredProduct>Colt IP Access</con:requiredProduct>  <con:bandwidth>2Mbps</con:bandwidth>  <con:connectivityType>ALL</con:connectivityType>  </con:siteAddress>  </con:requestMode>  </con:checkConnectivityRequest>  </checkConnectivityRequest>  </ns3:checkConnectivity>  </soapenv:Body>  </soapenv:Envelope> |

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| **Response message**  <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ser-root:checkConnectivityResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkConnectivityResponse>  <ax:checkConnectivityResponse xmlns:ax="http://aat.colt.com/connectivityservice">  <ax:response>AVAILABLE</ax:response>  <ax:sequenceId>013351446</ax:sequenceId>  <ax:requestType>SITE</ax:requestType>  <ax:localSiteAddress>  <ax:status>AVAILABLE</ax:status>  <ax:requestID>1</ax:requestID>  <ax:siteOutPutAddress>  <ax:buildingName/>  <ax:premisesNumber>79</ax:premisesNumber>  <ax:streetName>Kleyerstrasse</ax:streetName>  <ax:cityTown>Frankfurt</ax:cityTown>  <ax:postalZipCode>60326</ax:postalZipCode>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  </ax:siteOutPutAddress>  <ax:onNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:onNetAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:onNetResult>  <ax:buildingStatus>ACTIVE</ax:buildingStatus>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:englishCityName>Frankfurt Am Main</ax:englishCityName>  <ax:postCode>60326</ax:postCode>  <ax:premisesNumber>79</ax:premisesNumber>  <ax:buildingName>Kleyerstraße 79/94</ax:buildingName>  <ax:streetName>Kleyerstrasse</ax:streetName>  <ax:carrierHotel>  <ax:name>Telehouse Frankfurt</ax:name>  <ax:status>NEUTRAL</ax:status>  </ax:carrierHotel>  <ax:latitude>50.0962085854642</ax:latitude>  <ax:longitude>8.62851234322842</ax:longitude>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:buildingConnectivityType>NA</ax:buildingConnectivityType>  <ax:distance/>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>9906</ax:pointID>  <ax:flooroftheCEA/>  <ax:alternativeStreetName/>  <ax:alternativeHouseNumber/>  <ax:commonEquipmentarea>NO</ax:commonEquipmentarea>  <ax:inhouseCablingviaCOLTpossible>NO</ax:inhouseCablingviaCOLTpossible>  <ax:dualEntryAvailability>YES</ax:dualEntryAvailability>  <ax:messageCode>I0010</ax:messageCode>  <ax:CEAFloorText/>  </ax:onNetResult>  </ax:onNetAEndResult>  </ax:onNetStatus>  <ax:offNetOptionStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>W0011</ax:messageCode>  <ax:offNetOptionAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>ULL DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>DEUTSCHE TELEKOM</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>1260068</ax:pointID>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>QSC</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2089141</ax:pointID>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>DEUTSCHE TELEKOM</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2084447</ax:pointID>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:offNetOptionResult>  <ax:offNetOptionResult>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:accessType>3rd Party DSL</ax:accessType>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>TELEFONICA</ax:supplierName>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:pointID>2091334</ax:pointID>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:offNetOptionResult>  </ax:offNetOptionAEndResult>  </ax:offNetOptionStatus>  <ax:offNetStatus>  <ax:status>AVAILABLE</ax:status>  <ax:messageCode>I0007</ax:messageCode>  <ax:localExchange>  <ax:exchangeDetail>  <ax:type>NO</ax:type>  <ax:coID>DE-DTAG-FRA013</ax:coID>  <ax:coName>DE-DTAG-FRA013</ax:coName>  <ax:coAddress>56,LAHNSTR,FRANKFURT,GERMANY</ax:coAddress>  <ax:coDistance>900.0</ax:coDistance>  <ax:coDistanceCalculateUsing>Address</ax:coDistanceCalculateUsing>  <ax:coDistanceCalculateBy>COLT</ax:coDistanceCalculateBy>  <ax:sparePair/>  <ax:accuracyRating>High</ax:accuracyRating>  </ax:exchangeDetail>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M1:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>1:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>DEUTSCHE TELEKOM</ax:supplierName>  <ax:requiredPairs>1</ax:requiredPairs>  <ax:serviceType>ULL DSL</ax:serviceType>  <ax:accessTechnology>EFM</ax:accessTechnology>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  </ax:availableOption>  <ax:availableOption>  <ax:bandwidth>  <ax:bandwidthName>2M/2M2:1X1</ax:bandwidthName>  <ax:downstreamBandwidth>2</ax:downstreamBandwidth>  <ax:contentionRatio>2:1</ax:contentionRatio>  <ax:upstreamBandwidth>2</ax:upstreamBandwidth>  <ax:numberOfPipes>1</ax:numberOfPipes>  </ax:bandwidth>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:supplierName>QSC</ax:supplierName>  <ax:serviceType>WDSL</ax:serviceType>  <ax:accessTechnology>L2TP</ax:accessTechnology>  <ax:dslLineType>SHDSL</ax:dslLineType>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  </ax:availableOption>  </ax:localExchange>  </ax:offNetStatus>  <ax:oloStatus>  <ax:status>AVAILABLE</ax:status>  <ax:oloAEndResult>  <ax:status>AVAILABLE</ax:status>  <ax:oloResult>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:supplierName>VODAFONE</ax:supplierName>  <ax:accessType>Leased Line</ax:accessType>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:pointID>2572122</ax:pointID>  <ax:streetName>Ackermannstr</ax:streetName>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:oloResult>  <ax:oloResult>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:supplierName>DEUTSCHE TELEKOM</ax:supplierName>  <ax:accessType>Leased Line</ax:accessType>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:pointID>4478931</ax:pointID>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:oloResult>  <ax:oloResult>  <ax:coltOperatingCountry>Germany</ax:coltOperatingCountry>  <ax:coltProduct>Colt IP Access</ax:coltProduct>  <ax:supplierName>DEUTSCHE TELEKOM (copper)</ax:supplierName>  <ax:accessType>Leased Line</ax:accessType>  <ax:bandwidth>  <ax:bandwidthName>2Mbps</ax:bandwidthName>  </ax:bandwidth>  <ax:pointID>4478932</ax:pointID>  <ax:postCode>60326</ax:postCode>  <ax:cityName>Frankfurt</ax:cityName>  </ax:oloResult>  </ax:oloAEndResult>  </ax:oloStatus>  <ax:oloOptionsStatus>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  <ax:oloOptionAEndResult>  <ax:status>NOT-AVAILABLE</ax:status>  <ax:error>  <ax:errorType>inputValidation</ax:errorType>  <ax:errorCode>E0060</ax:errorCode>  </ax:error>  </ax:oloOptionAEndResult>  </ax:oloOptionsStatus>  </ax:localSiteAddress>  </ax:checkConnectivityResponse>  </checkConnectivityResponse>  </ser-root:checkConnectivityResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

### Check Price Service Request and Response examples

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| This example continues on from the Check connectivity example above. This example shows a checkPrice request for Product = IP Access, bandwidth = 2 Mb at at 79 Kleyerstrasse, Frankfurt 60326, Germany..  Useful to note here is how the Point Id from the Connectivity Checker response message is used in the Check Price request message – see the <bEndNetworkPoint> object.  **REQUEST**  <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v4="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:pric="http://cp.colt.com/priceservice">  <soapenv:Header/>  <soapenv:Body>  <ns3:checkPrice xmlns:ns3="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:ns1="http://cp.colt.com/priceservice" xmlns:con="http://aat.colt.com/connectivityservice">  <checkPriceRequest>  <ns1:checkPriceRequest ns1:schemaVersion=“5.0”>  <ns1:userID>ColtAdmin</ns1:userID>  <ns1:source>APT</ns1:source>  <ns1:requestPrice>  <ns1:requestID>1</ns1:requestID>  <ns1:ocn>674485</ns1:ocn>  <ns1:requestType>SERVICE</ns1:requestType>  <ns1:service>Colt IP Access</ns1:service>  <ns1:serviceType>SITE</ns1:serviceType>  <ns1:networkPoints>  <ns1:bEndNetworkPoint>1260068</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>2089141</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>2084447</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>2091334</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>2572122</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>4478931</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>4478932</ns1:bEndNetworkPoint>  </ns1:networkPoints>  <ns1:bandwidth>2Mbps</ns1:bandwidth>  <ns1:isSLAInfoRequired>true</ns1:isSLAInfoRequired>  <ns1:isPriceLevelGPCNInfoRequired>true</ns1:isPriceLevelGPCNInfoRequired>  <ns1:isSupplierInfoRequired>true</ns1:isSupplierInfoRequired>  </ns1:requestPrice>  </ns1:checkPriceRequest>  </checkPriceRequest>  </ns3:checkPrice>  </soapenv:Body>  </soapenv:Envelope> |

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| The response message shows prices in 2 blocks - the <onnetPrice> block which has prices for Colt fiber and the <offnetPrice> which has prices for ULL DSL and also prices for 3rd party DSL / leased line.  Within each price block you will see the location network point code eg locationbNetworkPointCode>2089141, the address for this network point, prices for the service and the access type.  **RESPONSE**  <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ser-root:checkPriceResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkPriceResponse>  <ax:checkPriceResponse xmlns:ax="http://cp.colt.com/priceservice">  <ax:sequenceID>013351458</ax:sequenceID>  <ax:userId>ColtAdmin</ax:userId>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:responsePrice>  <ax:requestID>1</ax:requestID>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:ocn>674485</ax:ocn>  <ax:requestType>SERVICE</ax:requestType>  <ax:service>Colt IP Access</ax:service>  <ax:searchModeId>1</ax:searchModeId>  <ax:prices>  <ax:offnetPrice>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>1260068</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Germany</ax:locationbCountryname>  <ax:locationbPostcode>60326</ax:locationbPostcode>  <ax:locationbCityname>Frankfurt</ax:locationbCityname>  <ax:pricePoints>  <ax:bEndDeliverySupplier>DEUTSCHE TELEKOM</ax:bEndDeliverySupplier>  <ax:priceNrc1>152.0</ax:priceNrc1>  <ax:priceMrc1>139.0</ax:priceMrc1>  <ax:totalPrice1>1820.0</ax:totalPrice1>  <ax:quoteDetail1>  <ax:quoteId>QT-20170804055411176-1</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail1>  <ax:priceNrc2>76.0</ax:priceNrc2>  <ax:priceMrc2>125.0</ax:priceMrc2>  <ax:totalPrice2>1577.0</ax:totalPrice2>  <ax:quoteDetail2>  <ax:quoteId>QT-20170804055411181-2</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail2>  <ax:priceNrc3>0.0</ax:priceNrc3>  <ax:priceMrc3>118.0</ax:priceMrc3>  <ax:totalPrice3>1418.0</ax:totalPrice3>  <ax:quoteDetail3>  <ax:quoteId>QT-20170804055411177-3</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail3>  <ax:currency>EUR</ax:currency>  <ax:remarks>Managed router included</ax:remarks>  <ax:bandwidthCode>14</ax:bandwidthCode>  <ax:bandwidthDesc>2Mbps</ax:bandwidthDesc>  <ax:accessCodeAEnd>1</ax:accessCodeAEnd>  <ax:accessTypeAEnd>Colt fibre</ax:accessTypeAEnd>  <ax:accessInternalNameAEnd>COLT Fibre</ax:accessInternalNameAEnd>  <ax:accessCodeBEnd>2</ax:accessCodeBEnd>  <ax:accessTypeBEnd>ULL DSL</ax:accessTypeBEnd>  <ax:accessInternalNameBEnd>ULL</ax:accessInternalNameBEnd>  <ax:priceId>5337886</ax:priceId>  </ax:pricePoints>  <ax:SLA>  <ax:deliverTimeInDays>45</ax:deliverTimeInDays>  <ax:servicePresentation>default</ax:servicePresentation>  <ax:targetRepairTimeInHours>8</ax:targetRepairTimeInHours>  <ax:availabilityInPercentage>99.85</ax:availabilityInPercentage>  <ax:remarks>99.90 for resilient services</ax:remarks>  </ax:SLA>  </ax:offnetnetworkPointPrices>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>2091334</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Germany</ax:locationbCountryname>  <ax:locationbPostcode>60326</ax:locationbPostcode>  <ax:locationbCityname>Frankfurt</ax:locationbCityname>  <ax:pricePoints>  <ax:bEndDeliverySupplier>TELEFONICA</ax:bEndDeliverySupplier>  <ax:priceNrc1>152.0</ax:priceNrc1>  <ax:priceMrc1>165.0</ax:priceMrc1>  <ax:totalPrice1>2132.0</ax:totalPrice1>  <ax:quoteDetail1>  <ax:quoteId>QT-20170804055411253-1</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail1>  <ax:priceNrc2>76.0</ax:priceNrc2>  <ax:priceMrc2>149.0</ax:priceMrc2>  <ax:totalPrice2>1864.0</ax:totalPrice2>  <ax:quoteDetail2>  <ax:quoteId>QT-20170804055411258-2</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail2>  <ax:priceNrc3>0.0</ax:priceNrc3>  <ax:priceMrc3>140.0</ax:priceMrc3>  <ax:totalPrice3>1680.0</ax:totalPrice3>  <ax:quoteDetail3>  <ax:quoteId>QT-20170804055411253-3</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail3>  <ax:currency>EUR</ax:currency>  <ax:remarks>2M/2M Contention Ratio 1:1 Price for Managed router is included</ax:remarks>  <ax:bandwidthCode>14</ax:bandwidthCode>  <ax:bandwidthDesc>2Mbps</ax:bandwidthDesc>  <ax:accessCodeAEnd>1</ax:accessCodeAEnd>  <ax:accessTypeAEnd>Colt fibre</ax:accessTypeAEnd>  <ax:accessInternalNameAEnd>COLT Fibre</ax:accessInternalNameAEnd>  <ax:accessCodeBEnd>21</ax:accessCodeBEnd>  <ax:accessTypeBEnd>3rd Party DSL</ax:accessTypeBEnd>  <ax:accessInternalNameBEnd>wDSL</ax:accessInternalNameBEnd>  <ax:priceId>5339331</ax:priceId>  </ax:pricePoints>  <ax:SLA>  <ax:deliverTimeInDays>45</ax:deliverTimeInDays>  <ax:servicePresentation>default</ax:servicePresentation>  <ax:targetRepairTimeInHours>12</ax:targetRepairTimeInHours>  <ax:availabilityInPercentage>99.8</ax:availabilityInPercentage>  </ax:SLA>  </ax:offnetnetworkPointPrices>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>2089141</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Germany</ax:locationbCountryname>  <ax:locationbPostcode>60326</ax:locationbPostcode>  <ax:locationbCityname>Frankfurt</ax:locationbCityname>  <ax:pricePoints>  <ax:bEndDeliverySupplier>QSC</ax:bEndDeliverySupplier>  <ax:priceNrc1>152.0</ax:priceNrc1>  <ax:priceMrc1>150.0</ax:priceMrc1>  <ax:totalPrice1>1952.0</ax:totalPrice1>  <ax:quoteDetail1>  <ax:quoteId>QT-20170804055411281-1</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail1>  <ax:priceNrc2>76.0</ax:priceNrc2>  <ax:priceMrc2>135.0</ax:priceMrc2>  <ax:totalPrice2>1696.0</ax:totalPrice2>  <ax:quoteDetail2>  <ax:quoteId>QT-20170804055411282-2</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail2>  <ax:priceNrc3>0.0</ax:priceNrc3>  <ax:priceMrc3>128.0</ax:priceMrc3>  <ax:totalPrice3>1536.0</ax:totalPrice3>  <ax:quoteDetail3>  <ax:quoteId>QT-20170804055411287-3</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail3>  <ax:currency>EUR</ax:currency>  <ax:remarks>2M/2M Contention Ratio 2:1 Price for Managed router is included</ax:remarks>  <ax:bandwidthCode>14</ax:bandwidthCode>  <ax:bandwidthDesc>2Mbps</ax:bandwidthDesc>  <ax:accessCodeAEnd>1</ax:accessCodeAEnd>  <ax:accessTypeAEnd>Colt fibre</ax:accessTypeAEnd>  <ax:accessInternalNameAEnd>COLT Fibre</ax:accessInternalNameAEnd>  <ax:accessCodeBEnd>21</ax:accessCodeBEnd>  <ax:accessTypeBEnd>3rd Party DSL</ax:accessTypeBEnd> |
| <ax:accessInternalNameBEnd>wDSL</ax:accessInternalNameBEnd>  <ax:priceId>5339330</ax:priceId>  </ax:pricePoints>  <ax:SLA>  <ax:deliverTimeInDays>45</ax:deliverTimeInDays>  <ax:servicePresentation>default</ax:servicePresentation>  <ax:targetRepairTimeInHours>12</ax:targetRepairTimeInHours>  <ax:availabilityInPercentage>99.8</ax:availabilityInPercentage>  </ax:SLA>  </ax:offnetnetworkPointPrices>  <ax:networkPointPricesNotAvailable>  <ax:responseDetails>  <ax:status>NOT-AVAILABLE</ax:status>  </ax:responseDetails>  <ax:networkPointCode>4478931</ax:networkPointCode>  </ax:networkPointPricesNotAvailable>  <ax:networkPointPricesNotAvailable>  <ax:responseDetails>  <ax:status>NOT-AVAILABLE</ax:status>  </ax:responseDetails>  <ax:networkPointCode>4478932</ax:networkPointCode>  </ax:networkPointPricesNotAvailable>  <ax:networkPointPricesNotAvailable>  <ax:responseDetails>  <ax:status>NOT-AVAILABLE</ax:status>  </ax:responseDetails>  <ax:networkPointCode>2084447</ax:networkPointCode>  </ax:networkPointPricesNotAvailable>  <ax:networkPointPricesNotAvailable>  <ax:responseDetails>  <ax:status>NOT-AVAILABLE</ax:status>  </ax:responseDetails>  <ax:networkPointCode>2572122</ax:networkPointCode>  </ax:networkPointPricesNotAvailable>  </ax:offnetPrice>  </ax:prices>  </ax:responsePrice>  <ax:additionalInformation/>  </ax:checkPriceResponse>  </checkPriceResponse>  </ser-root:checkPriceResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

Further checkPrice examples (without the checkConnectivity SOAP messages).

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| **Example1** Request shows 3 different types of products: Ethernet Point to Point without pre-configured A-ends, Hub And Spoke and a Site Product. SLA, GPCN and Supplier information is requested.  Response shows on-net prices and two error conditions: Providing an incorrect network point id for a hub and providing an invalid bandwidth for a product .  As the response only has on-net prices, GPCN and Supplier information will not be available as these are applicable only to off-net services. The SLA information is shown in the response. |
| **Case1 Request**    <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v4="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:pric="http://cp.colt.com/priceservice">  <soapenv:Header/>  <soapenv:Body>  <ns3:checkPrice xmlns:ns3="http://www.colt.net/xml/ns/b2bFramework/v4" xmlns:ns1="http://cp.colt.com/priceservice" xmlns:con="http://aat.colt.com/connectivityservice">  <checkPriceRequest>  <ns1:checkPriceRequest ns1:schemaVersion=“5.0”>  <ns1:userID>ColtAdmin</ns1:userID>  <ns1:source>CheckPriceClient</ns1:source>  <ns1:requestPrice>  <ns1:requestID>1</ns1:requestID>  <ns1:ocn>674485</ns1:ocn>  <ns1:requestType>SERVICE</ns1:requestType>  <ns1:service>Colt IP Access</ns1:service>  <ns1:serviceType>SITE</ns1:serviceType>  <ns1:networkPoints>  <ns1:bEndNetworkPoint>1260068</ns1:bEndNetworkPoint>  </ns1:networkPoints>  <ns1:bandwidth>2Mbps</ns1:bandwidth>  <ns1:isSLAInfoRequired>true</ns1:isSLAInfoRequired>  <ns1:isPriceLevelGPCNInfoRequired>true</ns1:isPriceLevelGPCNInfoRequired>  <ns1:isSupplierInfoRequired>true</ns1:isSupplierInfoRequired>  </ns1:requestPrice>  <ns1:requestPrice>  <ns1:requestID>3</ns1:requestID>  <ns1:ocn>674485</ns1:ocn>  <ns1:requestType>SERVICE</ns1:requestType>  <ns1:service>Colt Ethernet Line</ns1:service>  <ns1:serviceType>P2P</ns1:serviceType>  <ns1:networkPoints>  <ns1:aEndNetworkPoint>1485842</ns1:aEndNetworkPoint>  <ns1:bEndNetworkPoint>1485842</ns1:bEndNetworkPoint>  </ns1:networkPoints>  <ns1:bandwidth>1Mbps</ns1:bandwidth>  <ns1:isSLAInfoRequired>false</ns1:isSLAInfoRequired>  <ns1:isPriceLevelGPCNInfoRequired>true</ns1:isPriceLevelGPCNInfoRequired>  <ns1:isSupplierInfoRequired>true</ns1:isSupplierInfoRequired>  </ns1:requestPrice>  <ns1:requestPrice>  <ns1:requestID>4</ns1:requestID>  <ns1:ocn>674485</ns1:ocn>  <ns1:requestType>SERVICE</ns1:requestType>  <ns1:service>Colt Ethernet Hub and Spoke</ns1:service>  <ns1:serviceType>HNS</ns1:serviceType>  <ns1:networkPoints>  <ns1:aEndNetworkPoint>1485842</ns1:aEndNetworkPoint>  <ns1:bEndNetworkPoint>1485842</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>1256915</ns1:bEndNetworkPoint>  <ns1:bEndNetworkPoint>1257219</ns1:bEndNetworkPoint>  </ns1:networkPoints>  <ns1:bandwidth>1Mbps</ns1:bandwidth>  <ns1:isSLAInfoRequired>true</ns1:isSLAInfoRequired>  <ns1:isPriceLevelGPCNInfoRequired>true</ns1:isPriceLevelGPCNInfoRequired>  <ns1:isSupplierInfoRequired>true</ns1:isSupplierInfoRequired>  </ns1:requestPrice>  </ns1:checkPriceRequest>  </checkPriceRequest>  </ns3:checkPrice>  </soapenv:Body>  </soapenv:Envelope> |
| **Case1 Response**  <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  <SOAP-ENV:Header/>  <SOAP-ENV:Body>  <ser-root:checkPriceResponse xmlns:ser-root="http://www.colt.net/xml/ns/b2bFramework/v4">  <checkPriceResponse>  <ax:checkPriceResponse xmlns:ax="http://cp.colt.com/priceservice">  <ax:sequenceID>013351509</ax:sequenceID>  <ax:userId>ColtAdmin</ax:userId>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:responsePrice>  <ax:requestID>1</ax:requestID>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:ocn>674485</ax:ocn>  <ax:requestType>SERVICE</ax:requestType>  <ax:service>Colt IP Access</ax:service>  <ax:searchModeId>1</ax:searchModeId>  <ax:prices>  <ax:offnetPrice>  <ax:offnetnetworkPointPrices>  <ax:responseDetails>  <ax:status>AVAILABLE</ax:status>  </ax:responseDetails>  <ax:locationbNetworkPointCode>1260068</ax:locationbNetworkPointCode>  <ax:locationbCountryname>Germany</ax:locationbCountryname>  <ax:locationbPostcode>60326</ax:locationbPostcode>  <ax:locationbCityname>Frankfurt</ax:locationbCityname>  <ax:pricePoints>  <ax:bEndDeliverySupplier>DEUTSCHE TELEKOM</ax:bEndDeliverySupplier>  <ax:priceNrc1>152.0</ax:priceNrc1>  <ax:priceMrc1>139.0</ax:priceMrc1>  <ax:totalPrice1>1820.0</ax:totalPrice1>  <ax:quoteDetail1>  <ax:quoteId>QT-20170804061540656-1</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail1>  <ax:priceNrc2>76.0</ax:priceNrc2>  <ax:priceMrc2>125.0</ax:priceMrc2>  <ax:totalPrice2>1577.0</ax:totalPrice2>  <ax:quoteDetail2>  <ax:quoteId>QT-20170804061540657-2</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail2>  <ax:priceNrc3>0.0</ax:priceNrc3>  <ax:priceMrc3>118.0</ax:priceMrc3>  <ax:totalPrice3>1418.0</ax:totalPrice3>  <ax:quoteDetail3>  <ax:quoteId>QT-20170804061540662-3</ax:quoteId>  <ax:quoteType>ACTUAL</ax:quoteType>  </ax:quoteDetail3>  <ax:currency>EUR</ax:currency>  <ax:remarks>Managed router included</ax:remarks>  <ax:bandwidthCode>14</ax:bandwidthCode>  <ax:bandwidthDesc>2Mbps</ax:bandwidthDesc>  <ax:accessCodeAEnd>1</ax:accessCodeAEnd>  <ax:accessTypeAEnd>Colt fibre</ax:accessTypeAEnd>  <ax:accessInternalNameAEnd>COLT Fibre</ax:accessInternalNameAEnd>  <ax:accessCodeBEnd>2</ax:accessCodeBEnd>  <ax:accessTypeBEnd>ULL DSL</ax:accessTypeBEnd>  <ax:accessInternalNameBEnd>ULL</ax:accessInternalNameBEnd>  <ax:priceId>5337886</ax:priceId>  </ax:pricePoints>  <ax:SLA>  <ax:deliverTimeInDays>45</ax:deliverTimeInDays>  <ax:servicePresentation>default</ax:servicePresentation>  <ax:targetRepairTimeInHours>8</ax:targetRepairTimeInHours>  <ax:availabilityInPercentage>99.85</ax:availabilityInPercentage>  <ax:remarks>99.90 for resilient services</ax:remarks>  </ax:SLA>  </ax:offnetnetworkPointPrices>  </ax:offnetPrice>  </ax:prices>  </ax:responsePrice>  <ax:responsePrice>  <ax:requestID>3</ax:requestID>  <ax:responseDetails>  <ax:status>ERROR</ax:status>  <ax:error>  <ax:errorType>INPUTVALIDATION</ax:errorType>  <ax:errorCode>I0011</ax:errorCode>  </ax:error>  </ax:responseDetails>  <ax:ocn>674485</ax:ocn>  <ax:requestType>SERVICE</ax:requestType>  <ax:service>Colt Ethernet Line</ax:service>  <ax:searchModeId>2</ax:searchModeId>  </ax:responsePrice>  <ax:responsePrice>  <ax:requestID>4</ax:requestID>  <ax:responseDetails>  <ax:status>ERROR</ax:status>  <ax:error>  <ax:errorType>INPUTVALIDATION</ax:errorType>  <ax:errorCode>I0011</ax:errorCode>  </ax:error>  </ax:responseDetails>  <ax:ocn>674485</ax:ocn>  <ax:requestType>SERVICE</ax:requestType>  <ax:service>Colt Ethernet Hub and Spoke</ax:service>  <ax:searchModeId>1</ax:searchModeId>  </ax:responsePrice>  <ax:additionalInformation/>  </ax:checkPriceResponse>  </checkPriceResponse>  </ser-root:checkPriceResponse>  </SOAP-ENV:Body>  </SOAP-ENV:Envelope> |

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| **Example 2** Request is for prices for both service and features. Prices are requested for a number of locations (b end network points). Response shows that prices are not returned for all network points and displays the price where available. |
| **Case2 Request**  <?xml version="1.0" encoding="UTF-8" standalone="yes" ?>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~1%20(2).XML) <checkPriceRequest xmlns="**http://cp.colt.com/priceservice/v2**">    <sequenceID>1</sequenceID>    <userID>Kanton</userID>    <source>APT</source>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~1%20(2).XML) <requestPrice>    <requestID>1</requestID>    <ocn>3878435</ocn>    <requestType>SERVICEANDFEATURES</requestType>    <service>Colt IP VPN</service>    <serviceType>SITE</serviceType>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~1%20(2).XML) <networkPoints>    <bEndNetworkPoint>1485842</bEndNetworkPoint>    <bEndNetworkPoint>1293418</bEndNetworkPoint>    <bEndNetworkPoint>1589845</bEndNetworkPoint>    </networkPoints>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~1%20(2).XML) <features>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~1%20(2).XML) <feature>    <featureName>DHCP</featureName>    <country>Austria</country>    </feature>    </features>    <bandwidth>64kbps</bandwidth>    <isSLAInfoRequired>true</isSLAInfoRequired>    <isPriceLevelGPCNInfoRequired>true</isPriceLevelGPCNInfoRequired>    <isSupplierInfoRequired>true</isSupplierInfoRequired>    </requestPrice>    </checkPriceRequest> |
| **Case2 Response**  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <checkPriceResponse xmlns="**http://cp.colt.com/priceservice/v2**">  <sequenceID>**1**</sequenceID>  <userId>**Kanton**</userId>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responseDetails>  <status>**AVAILABLE**</status>  </responseDetails>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responsePrice>  <requestID>**1**</requestID>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responseDetails>  <status>**AVAILABLE**</status>  </responseDetails>  <ocn>**3878435**</ocn>  <requestType>**SERVICEANDFEATURES**</requestType>  <service>**Colt IP VPN**</service>  <searchModeId>**1**</searchModeId>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <prices>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <offnetPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <networkPointPricesNotAvailable>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responseDetails>  <status>**NOT-AVAILABLE**</status>  </responseDetails>  <networkPointCode>**1589845**</networkPointCode>  </networkPointPricesNotAvailable>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <networkPointPricesNotAvailable>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responseDetails>  <status>**NOT-AVAILABLE**</status>  </responseDetails>  <networkPointCode>**1293418**</networkPointCode>  </networkPointPricesNotAvailable>  </offnetPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <onnetPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <onnetNetworkPointPrices>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responseDetails>  <status>**AVAILABLE**</status>  </responseDetails>  <locationbNetworkPointCode>**1485842**</locationbNetworkPointCode>  <locationbCountryname>**Austria**</locationbCountryname>  <locationbPostcode>**1100**</locationbPostcode>  <locationbCityname>**Vienna**</locationbCityname>  <locationbStreetname>**Columbusgasse**</locationbStreetname>  <locationbHousenumber>**55**</locationbHousenumber>  <buildingStatus>**0**</buildingStatus>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <pricePoints>  <bEndDeliverySupplier>**COLT**</bEndDeliverySupplier>  <priceNrc1>**1500.0**</priceNrc1>  <priceMrc1>**410.0**</priceMrc1>  <totalPrice1>**6420.0**</totalPrice1>  <priceNrc2>**1250.0**</priceNrc2>  <priceMrc2>**384.0**</priceMrc2>  <totalPrice2>**5858.0**</totalPrice2>  <priceNrc3>**1000.0**</priceNrc3>  <priceMrc3>**358.0**</priceMrc3>  <totalPrice3>**5296.0**</totalPrice3>  <currency>**EUR**</currency>  <remarks>**Includes managed router (Colt IP VPN Plus)**</remarks>  <bandwidthCode>**32**</bandwidthCode>  <bandwidthDesc>**64kbps**</bandwidthDesc>  <accessCodeAEnd>**1**</accessCodeAEnd>  <accessTypeAEnd>**Colt fibre**</accessTypeAEnd>  <accessInternalNameAEnd>**COLT Fibre**</accessInternalNameAEnd>  <accessCodeBEnd>**1**</accessCodeBEnd>  <accessTypeBEnd>**Colt fibre**</accessTypeBEnd>  <accessInternalNameBEnd>**COLT Fibre**</accessInternalNameBEnd>  <priceId>**3312625**</priceId>  </pricePoints>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <pricePoints>  <bEndDeliverySupplier>**COLT**</bEndDeliverySupplier>  <priceNrc1>**1300.0**</priceNrc1>  <priceMrc1>**355.0**</priceMrc1>  <totalPrice1>**5560.0**</totalPrice1>  <priceNrc2>**1100.0**</priceNrc2>  <priceMrc2>**337.0**</priceMrc2>  <totalPrice2>**5144.0**</totalPrice2>  <priceNrc3>**900.0**</priceNrc3>  <priceMrc3>**320.0**</priceMrc3>  <totalPrice3>**4740.0**</totalPrice3>  <currency>**EUR**</currency>  <remarks>**Without managed router ( Colt IP VPN Access)**</remarks>  <bandwidthCode>**32**</bandwidthCode>  <bandwidthDesc>**64kbps**</bandwidthDesc>  <accessCodeAEnd>**1**</accessCodeAEnd>  <accessTypeAEnd>**Colt fibre**</accessTypeAEnd>  <accessInternalNameAEnd>**COLT Fibre**</accessInternalNameAEnd>  <accessCodeBEnd>**1**</accessCodeBEnd>  <accessTypeBEnd>**Colt fibre**</accessTypeBEnd>  <accessInternalNameBEnd>**COLT Fibre**</accessInternalNameBEnd>  <priceId>**3312651**</priceId>  </pricePoints>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <SLA>  <deliverTimeInDays>**48**</deliverTimeInDays>  <servicePresentation>**New presentation**</servicePresentation>  <targetRepairTimeInHours>**4**</targetRepairTimeInHours>  <availabilityInPercentage>**99.9**</availabilityInPercentage>  </SLA>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <SLA>  <deliverTimeInDays>**43**</deliverTimeInDays>  <servicePresentation>**Existing presentation**</servicePresentation>  <targetRepairTimeInHours>**4**</targetRepairTimeInHours>  <availabilityInPercentage>**99.9**</availabilityInPercentage>  </SLA>  <ceaAvailable>**2**</ceaAvailable>  </onnetNetworkPointPrices>  </onnetPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <featuresPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <featurePriceDetails>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <responseDetails>  <status>**AVAILABLE**</status>  </responseDetails>  <featureName>**DHCP**</featureName>  <country>**Austria**</country>  <featureNote>**Price per site**</featureNote>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE2_~2%20(2).XML) <pricePoints>  <priceNrc1>**500.0**</priceNrc1>  <priceMrc1>**25.0**</priceMrc1>  <totalPrice1>**800.0**</totalPrice1>  <priceNrc2>**500.0**</priceNrc2>  <priceMrc2>**25.0**</priceMrc2>  <totalPrice2>**800.0**</totalPrice2>  <priceNrc3>**500.0**</priceNrc3>  <priceMrc3>**25.0**</priceMrc3>  <totalPrice3>**800.0**</totalPrice3>  <currency>**EUR**</currency>  <remarks>**Price is per site.**</remarks>  <priceId>**2868015**</priceId>  </pricePoints>  </featurePriceDetails>  </featuresPrice>  </prices>  </responsePrice>  </checkPriceResponse> |

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| **Case 3:** Request is for prices for Colt IP Access for 3 different bandwidths at more than 50 locations. Response message shows the error condition as only 50 address locations are supported in the request. |
| **Case 3: Request**  <?xml version="1.0" encoding="UTF-8" standalone="yes" ?>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~1%20(4).XML) <checkPriceRequest xmlns="**http://cp.colt.com/priceservice/v2**">    <sequenceID>12121212</sequenceID>    <userID>MKumar</userID>    <source>CheckPriceClient</source>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~1%20(4).XML) <requestPrice>    <requestID>1</requestID>    <ocn>3878435</ocn>    <requestType>SERVICE</requestType>    <service>Colt IP Access</service>    <serviceType>SITE</serviceType>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~1%20(4).XML) <networkPoints>    <bEndNetworkPoint>1485842</bEndNetworkPoint>    <bEndNetworkPoint>1256915</bEndNetworkPoint>    <bEndNetworkPoint>1257219</bEndNetworkPoint>    <bEndNetworkPoint>1828346</bEndNetworkPoint>    <bEndNetworkPoint>1828341</bEndNetworkPoint>    <bEndNetworkPoint>1707899</bEndNetworkPoint>    <bEndNetworkPoint>1707298</bEndNetworkPoint>    <bEndNetworkPoint>1707296</bEndNetworkPoint>    <bEndNetworkPoint>1707292</bEndNetworkPoint>    <bEndNetworkPoint>1707290</bEndNetworkPoint>    <bEndNetworkPoint>1707286</bEndNetworkPoint>    <bEndNetworkPoint>1707284</bEndNetworkPoint>    <bEndNetworkPoint>1707282</bEndNetworkPoint>    <bEndNetworkPoint>1828343</bEndNetworkPoint>    <bEndNetworkPoint>1707893</bEndNetworkPoint>    <bEndNetworkPoint>1707293</bEndNetworkPoint>    <bEndNetworkPoint>1707293</bEndNetworkPoint>    <bEndNetworkPoint>1707293</bEndNetworkPoint>    <bEndNetworkPoint>1707293</bEndNetworkPoint>    <bEndNetworkPoint>1707283</bEndNetworkPoint>    <bEndNetworkPoint>1707283</bEndNetworkPoint>    <bEndNetworkPoint>1707283</bEndNetworkPoint>    <bEndNetworkPoint>1828341</bEndNetworkPoint>    <bEndNetworkPoint>1707899</bEndNetworkPoint>    <bEndNetworkPoint>1707298</bEndNetworkPoint>    <bEndNetworkPoint>1707296</bEndNetworkPoint>    <bEndNetworkPoint>1707292</bEndNetworkPoint>    <bEndNetworkPoint>1707290</bEndNetworkPoint>    <bEndNetworkPoint>1707286</bEndNetworkPoint>    <bEndNetworkPoint>1707284</bEndNetworkPoint>    <bEndNetworkPoint>1707282</bEndNetworkPoint>    <bEndNetworkPoint>1828341</bEndNetworkPoint>    <bEndNetworkPoint>1707899</bEndNetworkPoint>    <bEndNetworkPoint>1707298</bEndNetworkPoint>    <bEndNetworkPoint>1707296</bEndNetworkPoint>    <bEndNetworkPoint>1707292</bEndNetworkPoint>    <bEndNetworkPoint>1707290</bEndNetworkPoint>    <bEndNetworkPoint>1707286</bEndNetworkPoint>    <bEndNetworkPoint>1707284</bEndNetworkPoint>    <bEndNetworkPoint>1707282</bEndNetworkPoint>    <bEndNetworkPoint>1828341</bEndNetworkPoint>    <bEndNetworkPoint>1707899</bEndNetworkPoint>    <bEndNetworkPoint>1707298</bEndNetworkPoint>    <bEndNetworkPoint>1707296</bEndNetworkPoint>    <bEndNetworkPoint>1707292</bEndNetworkPoint>    <bEndNetworkPoint>1707290</bEndNetworkPoint>    <bEndNetworkPoint>1707286</bEndNetworkPoint>    <bEndNetworkPoint>1707284</bEndNetworkPoint>    <bEndNetworkPoint>1707282</bEndNetworkPoint>    <bEndNetworkPoint>1707290</bEndNetworkPoint>    <bEndNetworkPoint>1707286</bEndNetworkPoint>    <bEndNetworkPoint>1707284</bEndNetworkPoint>    <bEndNetworkPoint>1707282</bEndNetworkPoint>    </networkPoints>    <bandwidth>1Mbps</bandwidth>    <bandwidth>2Mbps</bandwidth>    <bandwidth>3Mbps</bandwidth>    <isSLAInfoRequired>true</isSLAInfoRequired>    <isPriceLevelGPCNInfoRequired>true</isPriceLevelGPCNInfoRequired>    <isSupplierInfoRequired>true</isSupplierInfoRequired>    </requestPrice>    </checkPriceRequest> |
| **Case 3: Response**  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~2%20(3).XML) <checkPriceResponse xmlns="**http://cp.colt.com/priceservice/v2**">    <sequenceID>12121212</sequenceID>    <userId>MKumar</userId>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~2%20(3).XML) <responseDetails>    <status>ERROR</status>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~2%20(3).XML) <error>    <errorType>INPUTVALIDATION</errorType>    <errorCode>E0004</errorCode>    </error>    </responseDetails>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~2%20(3).XML) <responsePrice>    <requestID>1</requestID>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~2%20(3).XML) <responseDetails>    <status>ERROR</status>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE3_~2%20(3).XML) <error>    <errorType>INPUTVALIDATION</errorType>    <errorCode>I0012</errorCode>    </error>    </responseDetails>    <ocn>3878435</ocn>    <requestType>SERVICE</requestType>    <service>Colt IP Access</service>    <searchModeId>1</searchModeId>    </responsePrice>    </checkPriceResponse> |

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| **Case 4** Request is for prices for Colt Business Access Packs with different pack sizes. However, there is an error in the request as there are duplicate <Request Ids>. Response shows the error condition. |
| **Case 4: Request**  <?xml version="1.0" encoding="UTF-8" standalone="yes" ?>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <checkPriceRequest xmlns="**http://cp.colt.com/priceservice/v2**">  <sequenceID>**12121212**</sequenceID>  <userID>**JBloggs**</userID>  <source>**CheckPriceClient**</source>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <requestPrice>  <requestID>**2**</requestID>  <ocn>**3878435**</ocn>  <requestType>**SERVICE**</requestType>  <service>**Colt Business Access Pack (with IP Voice Line)**</service>  <serviceType>**SITE**</serviceType>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <networkPoints>  <bEndNetworkPoint>**1485842**</bEndNetworkPoint>  <bEndNetworkPoint>**1256915**</bEndNetworkPoint>  <bEndNetworkPoint>**1257219**</bEndNetworkPoint>  </networkPoints>  <packSize>**Branch**</packSize>  <isSLAInfoRequired>**false**</isSLAInfoRequired>  <isPriceLevelGPCNInfoRequired>**false**</isPriceLevelGPCNInfoRequired>  <isSupplierInfoRequired>**false**</isSupplierInfoRequired>  </requestPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <requestPrice>  <requestID>**2**</requestID>  <ocn>**3878435**</ocn>  <requestType>**SERVICE**</requestType>  <service>**Colt Business Access Pack (with IP Voice Line)**</service>  <serviceType>**SITE**</serviceType>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <networkPoints>  <bEndNetworkPoint>**1485842**</bEndNetworkPoint>  <bEndNetworkPoint>**1256915**</bEndNetworkPoint>  <bEndNetworkPoint>**1257219**</bEndNetworkPoint>  </networkPoints>  <packSize>**Large**</packSize>  <isSLAInfoRequired>**false**</isSLAInfoRequired>  <isPriceLevelGPCNInfoRequired>**true**</isPriceLevelGPCNInfoRequired>  <isSupplierInfoRequired>**true**</isSupplierInfoRequired>  </requestPrice>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <requestPrice>  <requestID>**2**</requestID>  <ocn>**3878435**</ocn>  <requestType>**SERVICE**</requestType>  <service>**Colt Business Access Pack (with IP Voice Line)**</service>  <serviceType>**SITE**</serviceType>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~1%20(4).XML) <networkPoints>  <bEndNetworkPoint>**1485842**</bEndNetworkPoint>  <bEndNetworkPoint>**1256915**</bEndNetworkPoint>  <bEndNetworkPoint>**1257219**</bEndNetworkPoint>  </networkPoints>  <bandwidth>**1Mbps**</bandwidth>  <bandwidth>**2Mbps**</bandwidth>  <bandwidth>**3Mbps**</bandwidth>  <packSize>**Branch**</packSize>  <isSLAInfoRequired>**true**</isSLAInfoRequired>  <isPriceLevelGPCNInfoRequired>**true**</isPriceLevelGPCNInfoRequired>  <isSupplierInfoRequired>**true**</isSupplierInfoRequired>  </requestPrice>  </checkPriceRequest> |
| **Case 4: Response**  <?xml version="1.0" encoding="UTF-8" standalone="yes" ?>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~2%20(2).XML) <checkPriceResponse xmlns="**http://cp.colt.com/priceservice/v2**">    <sequenceID>12121212</sequenceID>    <userId>JBloggs</userId>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~2%20(2).XML) <responseDetails>    <status>ERROR</status>  [**-**](file:///C:\Users\salfred\AppData\Local\Temp\CASE1_~2%20(2).XML) <error>    <errorType>INPUTVALIDATION</errorType>    <errorCode>I0001</errorCode>    </error>    </responseDetails>    </checkPriceResponse> |

### WSDL file for CheckConnectivity and CheckPrice

Colt will provide you with the WSDL file for checkConnectivity and checkPrice when you sign up for ebonding with us. If you haven’t received this file, please contact your project manager.

Appendix E – Connectivity Checker System Messages

| **Relevant area** | **Message** | **Message Category** | **Code** |
| --- | --- | --- | --- |
| DSL/3rd party DSL | Connectivity search is performed based on address and not on the user entered telephone number. (only relevant for 3rd party DSL searches for Spain and France). | Information | I0001 |
| DSL/3rd party DSL | Connectivity search is performed based on the telephone number (only relevant for 3rd party DSL searches for Spain and France) and not on the user entered address. | Information | I0002 |
| DSL/3rd party DSL | For A End: Connectivity search is performed based on address and not on the user entered telephone number (applies only for Point to Point products). | Information | I0003 |
| DSL/3rd party DSL | For A End: Connectivity search is performed based on the telephone number and not on the user entered address (applies only for Point to Point products). | Information | I0004 |
| DSL/3rd party DSL | For B End: Connectivity search is performed based on address and not on the user entered telephone number (applies only for Point to Point products). | Information | I0005 |
| DSL/3rd party DSL | For B End: Connectivity search is performed based on the telephone number and not on the user entered address (applies only for Point to Point products). | Information | I0006 |
| DSL/3rd party DSL | Note: Guaranteed bandwidth is equal to the maximum bandwidth divided by the contention ratio: example, bandwidth 2M/512Kb 8:1 (contention ratio), then the guaranteed bandwidth is 256K. Guaranteed bandwidth is the same for downstream and upstream traffic. This is only relevant for 3rd party DSL. | Information | I0007 |
| DSL/3rd party DSL | Your selected bandwidth is not available. The closest match is displayed. | Information | I0008 |
| On-net | Address is an Inactive Building: An on-net building but no equipment. Price for the service is the same, but delivery time might take longer. | Information | I0009 |
| On-net | Address is an Active Building: An on-net building where Colt has already equipment installed. A CEA might be available. | Information | I0010 |
| ALL | No Matching Record Found for the searched criteria. | Information | I0011 |
| DSL/3rd party DSL | Important note: when delivered over 3rd party DSL (L2TP), the only combination allowed for Smart Office is IPAccess + VoIP Access. IP Voice Line (PRI/BRI) is not available (only for 3rd party DSL and the specified product). | Information | I0012 |
| DSL/3rd party DSL | Off-net connectivity service is unavailable | Information | I0013 |
| DSL/3rd party DSL | Unable to calculate distance between Central Office and site address. | Information | I0014 |
| Nearnet | The following result is for Nearent | Information | I0050 |
| NTT | The following result is for NTT | Information | I0047 |
| DSL/3rd party DSL | The telephone number and address entered do not appear to be in close geographic proximity as the distance between CO and customer location is more than 4.5 km hence no further check would be performed by DSL checker. | Error | E0001 |
| ALL | No Country specified in request | Error | E0002 |
| DSL/3rd party DSL | No premises number specified in site Address | Error | E0003 |
| DSL/3rd party DSL | No street name specified in site Address | Error | E0004 |
| DSL/3rd party DSL | No city town specified in site Address | Error | E0005 |
| DSL/3rd party DSL | No postal zip code specified in site Address | Error | E0006 |
| ALL | Country specified in request is not currently supported (all products) | Error | E0007 |
| ALL | Invalid product specified in request | Error | E0008 |
| DSL/3rd party DSL | Site phone number is mandatory for requested country. | Error | E0009 |
| DSL/3rd party DSL | Site phone number should have minimum 6 digits and maximum 11 digits (DSL in France only) | Error | E0010 |
| DSL/3rd party DSL | Address or Phone number is mandatory for requested country (DSL in France and Spain only) | Error | E0011 |
| DSL/3rd party DSL | No specific CO/Exchange found | Error | E0012 |
| ALL | Bandwidth not recognized | Error | E0013 |
| DSL/3rd party DSL | P2P request type is not supported by this country. | Error | E0014 |
| ALL | On-net , OLO and OFF-net option connectivity cannot be performed for P2P type request | Error | E0015 |
| ALL | Both Latitude and Longitude are required | Error | E0016 |
| ALL | At least one of the search combinations is required:  - Country and Postal zip code  - Country and streetname and city name - Latitude and Longitude | Error | E0017 |
| ALL | Country specified in the address is not valid for Connectivity Search | Error | E0018 |
| ALL | NO Input Specified | Error | E0019 |
| ALL | Either (Postcode/zip-code) OR (streetname and citytown) should be provided in input | Error | E0020 |
| ALL | Postcode/zip-code should contain at least 3 characters | Error | E0021 |
| ALL | Street name should contain at least 3 characters | Error | E0022 |
| ALL | City/town should contain at least 3 characters | Error | E0023 |
| ALL | Request cannot be processed, too many addresses | Error | E0024 |
| ALL | Products in each site addresses are not same | Error | E0025 |
| ALL | Bandwidths in each site addresses are not same | Error | E0026 |
| ALL | Request Id not unique | Error | E0027 |
| ALL | Invalid Request Id | Error | E0028 |
| ALL | Invalid Country | Error | E0029 |
| ALL | Input Validation | Error | E0060 |
| DSL/3rd party DSL | Warning: In EFM coverage where more than 6 copper pairs are required or where Site Address to CO distance is higher than 1.3Km, please contact local team to confirm feasibility for 10Mbps or higher Bandwidths. | Warning | W0001 |
| 3rd party DSL | Please note the accuracy distance has been calculated by the DSL Provider. Risk of low quality of service. User should confirm alternative types of access to ensure the quality & bandwidth. | Warning | W0002 |
| 3rd party DSL | Please note the accuracy distance has been calculated by the DSL Provider. | Warning | W0003 |
| 3rd party DSL | Please note the accuracy distance has been calculated by the DSL Provider. Central Office appears too far from CO. User should confirm alternative types of access to ensure the connectivity. | Warning | W0004 |
| 3rd party DSL | Please note the accuracy distance has been calculated by the DSL Provider. Risk of low quality of service. User should confirm alternative types of access to ensure the quality & bandwidth | Warning | W0005 |
| 3rd party DSL | Please note the accuracy distance has been calculated by the DSL Provider. | Warning | W0006 |
| DSL/3rd party DSL | Central Office appears too far from CO. User should confirm alternative types of access to ensure the connectivity | Warning | W0007 |
| DSL/3rd party DSL | Risk of low quality of service. User should confirm alternative types of access to ensure the quality & bandwidth. | Warning | W0008 |
| DSL/3rd party DSL | Please note the accuracy distance has been calculated by the DSL Provider. Central Office appears too far from CO. User should confirm alternative types of access to ensure the connectivity | Warning | W0009 |
| DSL/3rd party DSL | Please note this is an indicative coverage result. Please contact Colt to confirm availability | Warning | W0011 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0001 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0002 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0003 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0004 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0005 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0006 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0007 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0008 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0009 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0010 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0011 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0012 |
| DSL/3rd party DSL | Phone is a Public Telephone. Please introduce a valid phone number for that address. | Error | 0013 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0014 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0015 |
| DSL/3rd party DSL | Phone ported to another operator. Please introduce a valid phone number for that address. | Error | 0016 |
| DSL/3rd party DSL | Telephone number is not valid. Please introduce a valid phone number for that address. | Error | 0017 |
| DSL/3rd party DSL | Line with no Active Service. Please introduce a valid phone number for that address. | Error | 0018 |
| DSL/3rd party DSL | Line without subscription. Please introduce a valid phone number for that address. | Error | 0019 |
| DSL/3rd party DSL | Line without subscription. . Please introduce a valid phone number for that address. | Error | 0020 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0021 |
| DSL/3rd party DSL | Please retry the Connectivity Check | Error | 0022 |

Appendix F – Check Price System Messages

| **Error Code** | **Condition** | **Error Message** | **Comments** |
| --- | --- | --- | --- |
| I0001 | Two requests have the same request id | Duplicate Request Id | All Requests will be rejected. Error Code will be returned at Root level, and the individual requests will not be sent in response. |
| I0002 | OCN sent in request is not associated with any customer | No Customer associated with the OCN | The Request will be rejected. Error code will be returned at request level |
| I0003 | No price is associated to customer | No customer pricebook found and customer is not associated to channel |
| I0004 | There is no customer specific pricebookid, and the Customer's channel also does not have a pricebookid | No pricebook id associated with the Channel |
| I0005 | The service sent in request does not have an associated service code | Requested product does not exist |
| I0006 | a) Value 'NULL' provided in SERVICE\_TYPE field for SERVICE or SERVICEANDFEATURES request type. | Invalid Service Type |
| B) Value 'NULL' provided in SERVICE\_TYPE if request type is FEATURES |
| Incorrect SERVICE\_TYPE mentioned in the request for a service |
| I0007 | b-EndNetworkPoint list is empty | No B-End network points specified |
| I0008 | Duplicate B-End networkpoint object found. | Duplicate B-End network point found |
| I0009 | All B-End networkpointcode fail due to any validation failure | All B-End network points are invalid |
| I0010 | aEndNetworkPoint not sent in request for servicetype P2P | No A-End specified |
| I0011 | networkPoint specified is invalid | Invalid A-End network Point |
| I0012 | More than 50 B-End networkpoint objects found | Maximum number of network points cannot be more than 50 |
| I0013 | For SERVICE\_TYPE P2P, aEndNetworkPoint specified is a networkPoint for Hub | A-End specified is a hub |
| I0014 | For SERVICE\_TYPE HNS, aEndNetworkPoint is not a valid hub network point | A-End specified is not a Hub. Please provide the network id corresponding to the hub. |
| I0015 | No bandwidth specified in case of products other than Business Packs and VoIP Access | No bandwidth specified |
| I0016 | Bandwidth sent in request is not mapped with the service in request | Bandwidth not available for the requested product. |
| I0017 | Same bandwidths are sent in request in Bandwidth node | Duplicate Bandwidth found |
| I0018 | No voice channel is specified for VoIP Access product | No Voice Channel specified |
| I0019 | Invalid Voice channel | Invalid Voice Channel |
| I0020 | No bandwidth is associated with entered Voice Channel | No bandwidth found for Voice Channel |
| I0021 | packSize field does not have values in case of Business Pack products | No pack size specified |
| I0022 | Pack size not available for the Business Pack product sent in request | Pack Size not found for the product |
| I0023 | Pack size does not have a bandwidth associated with it | No bandwidth associated with the pack size |
| I0024 | If zone code not found for P2P products for off-net/on-net locations. | Zone code not found |
| I0025 | For request type FEATURES and SERVICEANDFEATURES, features are not specified | No features specified to get prices |
| I0026 | Features with same name are specified in the request | Duplicate feature name found |
| I0027 | All the features sent in the request are invalid | All feature names are invalid |
| I0028 | One of the bEndNetworkPoint does not exists in database | Invalid B-End Network Point | Error code will be set in the invalidNetworkPoints object |
| One of the bEndNetworkPoint is not an ONNET or OFFNET location |
| I0029 | One of the Feature Name specified is invalid | Feature does not exist | Error code will be set in the featurePriceNotAvailable object |
| I0030 | One of the Feature specified in not mapped with the product in request | Feature is not mapped with specified service |

| Error Code | Condition | Error Message |
| --- | --- | --- |
| E0001 | General error exception | There was some internal error. Please try again later. |
| E0002 | If there was any issue/ exception in currency conversion | Error occurred during currency conversion |
| E0003 | Invalid currency conversion rate for currency | Invalid currency conversion rate for currency |
| E0004 | If there was an internal server error | There was an internal server error. Please try again later. |

Appendix G Acronyms

| **Acronym** | **Meaning** |
| --- | --- |
| ANSI | American National Standards Institute |
| B2B | Business to Business |
| DSL | Digital Subscriber Line |
| FIFO | First In First Out |
| HTTP | Hypertext Transfer Protocol |
| HTTPS | Hypertext Transfer Protocol – Secure |
| REST | Representational State Transfer |
| SOAP | Simple Object Access Protocol |
| UTF-8 | Universal Character Set Transformation Format – 8 Bit |
| wDSL | Wholesale DSL |
| XML | Extensible Mark-up Language |
| XSD | XML Schema Definition |
| CEA | Common Equipment Area |