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| Colt Number Hosting24th Sept 2022 Release Notes |

# Introduction

This document describes the Colt Number Hosting 24th September 2022 release.

The release will focus on:

* Improved regulatory compliance for Emergency database in **Ireland**
* Number on Demand & API improvements

**These changes might imply development at your end, so please read this document carefully.**

The changes in this release require your support during our test period. The Customer UAT is planned from 2nd Aug 2022 to 22nd Aug 2022. Please get in touch with NumberHostingUATSupportTeam@COLT.NET if you would like to participate in the UAT.

# Document change control

|  |  |
| --- | --- |
| **Version** | **Change description** |
| V1 | 17th September 2022 Release note |
| V2 | Updates: * Updated NOD and API improvement table for BE VAT number validation changes and UK enhancement to make building name and premises number optional fields in section ***Numbers on Demand (NOD) and B2B API improvements***
 |
| V3 | Change of date of the release to the 24th September 2022 |

# Address Management & Validation in Ireland

To ensure regulatory compliance in **Ireland**, important changes relating to address management and validation, and directory services will be implemented as follows:

* Some validation of existing fields will be updated. Fields which are changing are marked ‘**Update’** in the table below. Other fields are marked as ‘**New**’, ‘No change’ and ‘**Remove**’ - see table below.
* Update EDB address and Directory Service Update are now clubbed together in an End-customer Address Update
* Final address verification and validation will be performed with Informatica Address Doctor v4
* For validGeographicAddress REST API, ‘county’ field is added in the request and is an optional field.
* Ireland special character restrictions – please see ‘Appendix C: Allowed characters in Ireland’.
* updateDirectoryServices SOAP API will be decommissioned for Ireland

All changes are applicable in Ireland for number Activation, new Port-In & Address Update operations. The fields are described in the table below:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Element | Description | Change | Current Type | Current Length | Updated Type | Updated Length | Customer Action |
| **End customer details** |
| customerType | Permitted values: * Business
* Residential
 | No change | M | LOV | **-** | **-** | - |
| **Customer Type: Business** |
| endCustomerName | It is the end customer name to whom numbers will be activated. | **Update** | M | L ≤ 80 | M | L ≤ 35 | Length decrease to 35 |
| **Customer Type: Residential** |
| firstName | If Customer Type is Residential then First Name is Optional. | **Update** | M | L ≤ 50 | O | L ≤ 10 | Length decrease to 10 and field is optional. |
| lastName | If Customer Type is Residential then Last Name is Mandatory. | **Update** | M | L ≤ 80 | M | L ≤ 25 | Length decrease to 25 and field is Mandatory |
| **End customer Address** |
| floorSuite | The name of the unit within a building. For example “Flat”, “Apartment”, “Office”. | **New** | - | - | O | L ≤ 25 |  |
| buildingName | Name of the buildingConditional mandatory with premisesNumber | **Update** | CM | L ≤ 50 | CM | L ≤ 28 | Length decrease to 28 |
| premisesNumber | Number of the buildingConditional mandatory with buildingName | **Update** | CM | L ≤ 20 | CM | L ≤ 7 | Length decrease to 7 |
| streetName | Name of the street | **Update** | M | L ≤ 50 | M | L ≤ 40 | Length decreased to 40 |
| cityTown | Name of the City or Town. | **Update** | M | L ≤ 50 | M | L ≤ 20 | Length decrease to 20 |
| postalZipCode | 3 characters followed by a space and then 4 characters e.g. A65 B2CD | No change | M | L = 8 | - | - | - |
| subLocality | Name of the sub-locality | **New** | - | - | O | L ≤ 21 |  |
| county | Name of the county | **New** | - | - | M | L ≤ 15 |  |
| addressID | Either address parameters or addressID can be entered | **New** | - | - | O | L ≤ 20 |  |
| **Directory services update (Optional node)** |
| businessSuffix | Official business suffix abbreviations only or word(s) in full. For example, Ltd, Limited, Plc, Co LTD, Company Ltd, & Co etc. | **Update** | O | L ≤ 50 | O | L ≤ 30 | Length decreased to 30 |
| businessDescription | additional words are required to describe what a business actual does, e.g. Accountants, Solicitors, etc | No change | O | L ≤ 50 | - | - |  |
| listingCategory | Permitted values:* Single
* Group
 | No change | M | LOV | - | - |  |
| directoryListingOptions | Permitted values:* Listed
* Unlisted
* ExDirectory
 | **New** | - | - | M | LOV |  |
| directMarketingPreference | Permitted values: * Y
* N
 | **New** | - | - | O | LOV |  |
| directoryPublishSection | Permitted values:* DublinGovernmentSection
* ProvincialGovernmentSection
 | **New** | - | - | M | LOV |  |
| **DSU Address** |
| floorSuite | The name of the unit within a building. For example “Flat”, “Apartment”, “Office”. | **New** | - | - | O | L ≤ 25 |  |
| buildingName | Name of the buildingConditional mandatory with premisesNumber | **Update** | CM | L ≤ 50 | CM | L ≤ 28 | Length decrease to 28 |
| premisesNumber | Number of the buildingConditional mandatory with buildingName | **Update** | CM | L ≤ 20 | CM | L ≤ 7 | Length decrease to 7 |
| streetName | Name of the street | **Update** | M | L ≤ 50 | M | L ≤ 40 | Length decreased to 40 |
| cityTown | Name of the City or Town. | **Update** | M | L ≤ 50 | M | L ≤ 20 | Length decrease to 20 |
| postalZipCode | 3 characters followed by a space and then 4 characters e.g. A65 B2CD | No change | M | L = 8 | - | - | - |
| subLocality | Name of the sub-locality | **New** | - | - | O | L ≤ 21 |  |
| county | Name of the county | **New** | - | - | M | L ≤ 15 |  |
| addressID | Either address parameters or addressID can be entered | **New** | - | - | O | L ≤ 20 |  |
| **Below fields are no longer required for DSU in Ireland** |
| orderType |  | **Remove** | M | LOV | - | - | Field not required |
| qualifier |  | **Remove** | O | L ≤ 30 | - | - | Field not required |
| subHeader |  | **Remove** | O | L ≤ 20 | - | - | Field not required |
| subSubHeader |  | **Remove** | O | L ≤ 20 | - | - | Field not required |
| subSubSubHeader |  | **Remove** | O | L ≤ 20 | - | - | Field not required |
| endCustomerName |  | **Remove** | M | L ≤ 50 | - | - | Field not required |
| telephoneNumber |  | **Remove** | M | - | - | - | Field not required |
| lineType |  | **Remove** | M | LOV | - | - | Field not required |
| tariff |  | **Remove** | M | L ≤ 50 | - | - | Field not required |
| entryType |  | **Remove** | M | LOV | - | - | Field not required |
| listingType |  | **Remove** | M | LOV | - | - | Field not required |
| typeface |  | **Remove** | M | LOV | - | - | Field not required |
| priority |  | **Remove** | M | LOV | - | - | Field not required |
| notes |  | **Remove** | O | L ≤ 200 | - | - | Field not required |

# Numbers on Demand (NOD) and B2B API improvements

Below are some improvements targeted for 24th September 2022. Updated XSDs and API OAS specifications are present in the Appendix.

| Functionality | Interface | Improvement Description | Country Scope |
| --- | --- | --- | --- |
| My Telephone Number | NOD | Search by number range (start and end) will be supported for all countries | All |
| Order details | NODB2B APIs (REST and SOAP) | originalTxID will be sent in response when child ID is searched using getTransactionDetails SOAP API, GET/order{orderID} REST API and in NOD ‘My Order Page’ screen. | All |
| My Order page | NOD | A Completion time column (SLA) will be present in My Order page grid and will be applicable for number Activation, number Deactivation and number Reactivation orders. | All |
| Porting notification | All | customerReference field will be displayed in Port In notifications | NL |
| Reporting | NOD | Reporting feature will be available on the welcome page of NODOrder report can be requested and extracted using this feature for all countriesNumber report can be requested and extracted using this feature for all countries except DE | All |
| Number Activation, address update and New Port-In | NODB2B APIs (REST and SOAP) | BE VAT number accepted format change captured under end Customer Details section.Old: BE[0-9]{10,12}$L ≤ 14New: BE[0-9]{10}$L =12 | BE |
| Number Activation, address update and New Port-In | NODB2B APIs (REST and SOAP) | Currently building name and building/premises/house number is Conditional mandatory. These fields will now become optional for the mentioned APIs. | GB |

# Appendix A: XSD

The structure is updated in the XSD in these links: [Link 1](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202022%20Release%20Notes/nhm_cbe_v3.14.xsd) and [Link 2](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202022%20Release%20Notes/NumberHostingServices_v3.14.xsd)

# Appendix B: API specifications

## OAS Specification for NH APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/NH%20Sep%202022%20Release%20Notes/numberManagement_v2.0.2_15June2022.yaml) for the OAS Specification for Functional APIs

# Appendix C: Allowed characters in Ireland

The following Unicode characters can be used in fields where characters are allowed unless specific restrictions on values or formats are indicated.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Character | No | Character | No | Character | No | Character |
| 32 | <space> | 74 | J | 115 | s | 214 | Ö |
| 33 | ! | 75 | K | 116 | t | 215 | × |
| 34 | " | 76 | L | 117 | u | 216 | Ø |
| 35 | # | 77 | M | 118 | v | 217 | Ù |
| 36 | $ | 78 | N | 119 | w | 218 | Ú |
| 37 | % | 79 | O | 120 | x | 219 | Û |
| 38 | & | 80 | P | 121 | y | 220 | Ü |
| 39 | ' | 81 | Q | 122 | z | 221 | Ý |
| 40 | ( | 82 | R | 123 | { | 222 | Þ |
| 41 | ) | 83 | S | 124 | | | 223 | ß |
| 42 | \* | 84 | T | 125 | } | 224 | à |
| 43 | + | 85 | U | 128 | € | 225 | á |
| 44 | , | 86 | V | 138 | Š | 226 | â |
| 45 | - | 87 | W | 142 | Ž | 227 | ã |
| 46 | . | 88 | X | 154 | š | 228 | ä |
| 47 | / | 89 | Y | 156 | œ | 229 | å |
| 48 | 0 | 90 | Z | 158 | ž | 230 | æ |
| 49 | 1 | 91 | [ | 159 | Ÿ | 231 | ç |
| 50 | 2 | 92 | \ | 191 | ¿ | 232 | è |
| 51 | 3 | 93 | ] | 192 | À | 233 | é |
| 52 | 4 | 94 | ^ | 193 | Á | 234 | ê |
| 53 | 5 | 95 | \_ | 194 | Â | 235 | ë |
| 54 | 6 | 96 | ` | 195 | Ã | 236 | ì |
| 55 | 7 | 97 | a | 196 | Ä | 237 | í |
| 56 | 8 | 98 | b | 197 | Å | 238 | î |
| 57 | 9 | 99 | c | 198 | Æ | 239 | ï |
| 58 | : | 100 | d | 199 | Ç | 240 | ð |
| 60 | < | 101 | e | 200 | È | 241 | ñ |
| 61 | = | 102 | f | 201 | É | 243 | ó |
| 62 | > | 103 | g | 202 | Ê | 244 | ô |
| 63 | ? | 104 | h | 203 | Ë | 245 | õ |
| 64 | @ | 105 | i | 204 | Ì | 246 | ö |
| 65 | A | 106 | j | 205 | Í | 247 | ÷ |
| 66 | B | 107 | k | 206 | Î | 248 | ø |
| 67 | C | 108 | l | 207 | Ï | 249 | ù |
| 68 | D | 109 | m | 208 | Ð | 250 | ú |
| 69 | E | 110 | n | 209 | Ñ | 251 | û |
| 70 | F | 111 | o | 210 | Ò | 252 | ü |
| 71 | G | 112 | p | 211 | Ó | 253 | ý |
| 72 | H | 113 | q | 212 | Ô | 254 | þ |
| 73 | I | 114 | r | 213 | Õ | 255 | ÿ |