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| Colt Number Hosting  23rd July 2022 Release Notes |

# Introduction

This document describes the Colt Number Hosting 23rd July 2022 release.

The release will focus on:

* Introduction of optional ‘Administrative address’ in Netherlands for the port-in flow
* Refresh of port-in quarantine and port-in reactivation rules
* Introduction of JWT authentication mechanism for REST APIs
* 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 9th June 2022 to 29th June 2022. Please get in touch with [NumberHostingUATSupportTeam@COLT.NET](mailto:NumberHostingUATSupportTeam@COLT.NET) if you would like to participate in the UAT.

# Document change control

|  |  |
| --- | --- |
| **Version** | **Change description** |
| V1 | 23rd July 2022 Release note |

# NL Administrative address in port-in orders

As per the porting regulation in the Netherlands a customer may register numbers against an administrative address which is outside of the local area of the number(s) as long as the installation address of the numbers is within the local area associated with the local area code (LAC). Porting validation rules dictate that this administrative address may be used in the Port-in validation process. This means that if the number can be matched to an end customer using an administrative address outside the local area which differs from the installation address, this must be deemed to be correct and passed as a valid request.

The administrative address has the same address validation rules as the installation address. There are 3 key points to note:

* A customer can enter a PO box (Postbus) address in the administrative address but a PO box (Postbus) is not permitted in the installation address
* The administrative address must be in the Netherlands (country code = NL)
* The use of the administrative address is optional.

***APIs impacted:*** Port-In and bulk Port-In

In summary, following the implementation of this change, you’ll be able to enter up to 3 addresses for your end customer.

* Installation/Current address - Mandatory
* New Address - Optional
* Administrative Address – Optional

***Please note:***

* If only Installation/Current address is entered then only this address will be used for the emergency database entry.
* If both Installation/Current address and New Address is entered then the new address will be used for the emergency database entry.
* The administrative address will not be used for the emergency database entry.

**Updated structure and specification is present in Appendix A and B.**

# Port-In Quarantine period and Port-in Reactivation

When a user deactivates a port-in activated number, the quarantine period rules and the next possible actions will apply. Changes are highlighted in red in the table below and will also be published in the Service Matrix after the changes have gone live.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Countries | Next status after port-in deactivation | Quarantine period  (in days) | Next action | Status after quarantine period expires |
| AT, BE, DK, GB, IE, IT | Returned | - | - | - |
| DE | Port Out | - | - | Record stays for 65 days in Port-Out status/inventory |
| FR | Port-in quarantined | 40 | Port-in reactivation | Returned |
| NL | Port-in quarantined | 60 | Port-in reactivation | Returned |
| PT | Port-in quarantined | 90 | Port-in reactivation | Returned |
| SE | Port-in quarantined | 90 | Port-in reactivation | Free |
| CH | Port-in quarantined | 20 | Port-in reactivation | Returned |
| ES | Port-in quarantined | 30 | Port-in reactivation | Returned |

# REST API JWT Authentication

In this release we will introduce support for JWT authentication for the REST APIs in the table below. Please note we will continue to support Oauth2.0 authentication in parallel.

|  |  |
| --- | --- |
| Number Hosting REST APIs | CDR REST APIs |
| **GET**/numberCollection | **GET**/unratedCallDetailRecord |
| **POST**/numberCollectionReservation | **POST**/generateConsolidatedUnratedCallDetailRecord |
| **POST**/numberCollectionCancellation | ​**GET**/consolidatedUnratedCallDetailRecord |
| **POST**/numberCollectionActivation | **GET**/ratedCallDetailRecord |
| **GET**/order/{orderId} | ​**GET**/nonUsageReport |
| **POST**/numberCollectionPortIn |  |
| **POST**/numberCollectionPortOrderUpdate |  |
| **POST**/numberCollectionUpdateCustomerDetails |  |

Please refer to the OAS specification for details.

## How to get access to new REST APIs (with JWT authentication) & support

Please inform your account manager to request access to the sandbox and/or production environments for the REST APIs. If you wish to use JWT authentication, then you will need to share the JWT public certificate (zipped) and name of the token issuer.

Your Application ID (s) to add into the JWT key as the ‘Audience’ value will be shared with you by Colt’s Reseller Support Voice team.

Support for sandbox testing will be provided by the API Support team and is a chargeable service. Please contact your account manager for further information.

# Numbers on Demand (NOD) and B2B API improvements

Below are some improvements targeted for 23rd July 2022. Updated XSDs and API OAS specifications are present in the Appendix.

| Functionality | Interface | Improvement Description | Country Scope |
| --- | --- | --- | --- |
| Telephone Number History | NOD, SOAP API | Currently we only support search by CLI. Search by range will be enabled in this release | All |
| Number Enquiry | NOD, SOAP & REST API | ‘Port-in Reserved’ status added to the number enquiry search by status | All |
| Automated notification / Call Back API notifications | All | Automated notification (email/callBack API) will now be triggered for ‘In Progress’, ‘Confirmation Awaited’, ‘Customer Feedback Awaited’ status,.  This is applicable for customers who opted for the Automated email notification or callBack API notification.  Please note if this automated email notification or CallBack API is a feature you would like setup or if you have new email addresses to add, please contact the Reseller Support Voice team. | All |
| My Orders and My Telephone numbers | NOD | In ‘My Orders’ and ‘My Telephone Numbers’ default place cards (max 5) will displayed at the top to give you a summary of orders/telephone numbers for your service profile.  These place cards can be customized and can be used as filters to view the results in the grid. | All |
| View Reseller Data | COL | Existing Cocom Web Manager functionality ‘View Reseller Data’ will also be available in Colt Online under Services tab. | All |

# Appendix A: XSD

The structure is updated in the XSD in these links: [Link 1](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/July%202022%20Release%20Notes/nhm_cbe_v3.13.xsd) and [Link 2](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/July%202022%20Release%20Notes/NumberHostingServices_v3.13.xsd)

# Appendix B: API specifications

## OAS Specification for NH APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/July%202022%20Release%20Notes/numberManagement_v2.0.1_13Apr2022.yaml) for the OAS Specification for Functional APIs

OAS Specification for CDR APIs

Please click [here](https://344164.fs1.hubspotusercontent-na1.net/hubfs/344164/July%202022%20Release%20Notes/Call%20Detail%20Records%20API_13Apr2022.yaml) for the OAS Specification for CDR APIs