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| Sample API request and responsesPortability Checker |

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# Portability check

**API details**

**Description**: API to allow you to confirm whether a number/range can be ported-in (only internal checks will be done- number type, current status of number (if is currently with Colt). API will return details like numberType, portable (True/False), not portable reason & code.

Please note that this API will not check the details associated with current/losing operator.

**End point URLs**

* **Production**: https://apis.colt.net/numberManagement/v1/checkPortability
* **Sandbox**: https://sandbox.apis.colt.net/numberManagement/v1/checkPortability

**Method:** POST

**Input parameters**

|  |  |  |
| --- | --- | --- |
| Parameter | Type | Description |
| **header** |
| x-tracking-id | Mandatory | description: Unique identifier for the orderexample: abcd456e-d45645-dfaafda-1232345667ddpattern: ^[a-zA-Z0-9\_.~:@-]{1,255}$maxLength: 255 |
| **Request body** |
| country | Mandatory | *Available values* : GB, ES, FR, DE, AT, BE, NL, IE, IT, SE, DK, PT, CH, CZ, NO, RO, PL, FI, LU, SK |
| numberRangeStart | Mandatory | Applicable for search by CLI if the number is a hosted number.Start range of your block.  |
| numberRangeEnd | Optional | Applicable for search by CLI if the number is a hosted number.End range of your block.  |

## Geo single number search, portable: True

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+442081324758"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+442081324758",            "phoneNumberType": "FIXED\_LINE",            "country": "GB",            "countryCode": "44",            "areaCode": "0208",            "firstPossiblePortingDate": "2025-02-19",            "portable": "true",            "inventoryRangeList": [                {                    "originalRangeStart": "+442081324758",                    "originalRangeEnd": "+442081324758",                    "rangeMode": "Full"                }            ]        }    ]} |

## Geo number block check: range mode: Partial, Portable: True

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+442036552920",            "numberRangeEnd": "+442036552923"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+442036552920",            "numberRangeEnd": "+442036552923",            "phoneNumberType": "FIXED\_LINE",            "country": "GB",            "countryCode": "44",            "areaCode": "0203",            "firstPossiblePortingDate": "2025-02-19",            "portable": "true",            "inventoryRangeList": [                {                    "originalRangeStart": "+442036552920",                    "originalRangeEnd": "+442036552929",                    "rangeMode": "Partial"                }            ]        }    ]} |

## Nomadic number block check: range mode: Full, Portable: True

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+33977429560",            "numberRangeEnd": "+33977429569"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+33977429560",            "numberRangeEnd": "+33977429569",            "phoneNumberType": "VOIP",            "country": "FR",            "countryCode": "33",            "areaCode": "9",            "firstPossiblePortingDate": "2025-02-20",            "portable": "true",            "inventoryRangeList": [                {                    "originalRangeStart": "+33977429560",                    "originalRangeEnd": "+33977429569",                    "rangeMode": "Full"                }            ]        }    ]} |

## Non Geo number check: range mode: Full, Portable: True

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+443303900860"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+443303900860",            "phoneNumberType": "UAN",            "country": "GB",            "countryCode": "44",            "areaCode": "0330",            "firstPossiblePortingDate": "2025-02-19",            "portable": "true",            "inventoryRangeList": [                {                    "originalRangeStart": "+443303900860",                    "originalRangeEnd": "+443303900860",                    "rangeMode": "Full"                }            ]        }    ]} |

## Geo single number search, Portable: False

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+33517149910",            "numberRangeEnd": "+33517149910"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+33517149910",            "numberRangeEnd": "+33517149910",            "phoneNumberType": "FIXED\_LINE",            "country": "FR",            "countryCode": "33",            "areaCode": "5",            "portable": "false",            "notPortableReason": {                "description": "Error:Number cannot be in ported-in as it is not in the required status. ",                "code": "115"            }        }    ]} |

## Non Geo number block search, Portable: False

|  |  |
| --- | --- |
|  |  |
| {    "numberRangeList": [        {            "numberRangeStart": "+443303900860",            "numberRangeEnd": "+443303900869"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+443303900860",            "numberRangeEnd": "+443303900869",            "phoneNumberType": "UAN",            "country": "GB",            "countryCode": "44",            "areaCode": "0330",            "portable": "false",            "notPortableReason": {                "description": "Error:Multiple providers are not allowed within the same range. One porting form per provider will be required. ",                "code": "114"            }        }    ]} |

## Number check where LAC is not identified, Portable: False

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+447451271491"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+447451271491",            "country": "GB",            "countryCode": "44",            "portable": "false",            "notPortableReason": {                "description": "Error:Local area code entered in numberRangeStart/numberRangeEnd not found. ",                "code": "101"            }        }    ]} |

## Mobile number check, Portable: False

|  |  |
| --- | --- |
| Request | Response |
| {    "numberRangeList": [        {            "numberRangeStart": "+33631821541"        }    ]} | {    "numbersToPort": [        {            "numberRangeStart": "+33631821541",            "phoneNumberType": "MOBILE",            "country": "FR",            "countryCode": "33",            "areaCode": "6",            "portable": "false",            "notPortableReason": {                "description": "Error:The number/range entered is not supported for Port-In to Wholesale SIP product. ",                "code": "112"            }        }    ]} |