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| Sample API request and responses  Portability 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 order  example: abcd456e-d45645-dfaafda-1232345667dd pattern: ^[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"              }          }      ]  } |