# City code lookup issue in Registry (PROD-1108)

15th March 2022

1. **Problem statement:**

It was reported that when a 4 digit city code is passed in LOOKUP request, NACK response is being received on production environment.

1. It has been observed that LOOKUP accepts 3 digit city codes. For rest of the city codes, following error response is sent:

{

"message": {

"ack": {

"status": "NACK"

}

},

"error": {

"type": "CONTEXT-ERROR",

"code": "151",

"path": null,

"message": "Please provide valid schema. ERROR : [city: is required or Invalid.]"

}

}

1. If a BAP is subscribed on all cities (\*). Then that BAP should also be returned in response when passing any specific city in request.
2. **Root Cause Analysis:**
3. There were no schema validation on production before 21st Feb, 2023 deployment.

Following schema validations were added in the property file (It was demonstrated in the code walkthrough meeting on 10th March 2023):

* 1. Response will be shared only for LOOKUP request with 3 digit city codes.
  2. Response will not be shared for multiple city LOOKUP requests
  3. Response will not be shared for ‘\*’ city code LOOKUP requests

Condition no 2.1 is causing the error mentioned in the Problem Statement



The validations are present on Line No. 7 and 21 for lookup and vlookup, respectively.

1. When the NP registered with City Code as {\*}, then in the lookup response details when fetched for a city are fetched then the details are not fetched.

The following query needs to be modified in the where condition while fetching the records from database (change highlighted in attached pdf in email).

1. **Resolution**

It is proposed to modify this validation to allow city code between 3-9 digits – including ‘0’ (zero) and the change in query to address the second issue. This is to be changed in LOOKUP and VLOOKUP.