



# RCC.14 field review for GET requests

01

# Review of Table 1 of RCC.14

provisioning_version	String that identifies the version of the service provider device configuration supported by the client. It shall be set to "5.0" (without the quotes) for clients following this specification.	Y	String (4 max), Case-Sensitive
terminal_vendor	String that identifies the terminal OEM.	Y	String (4 max), Case-Sensitive
terminal_model	String that identifies the terminal model.	Y	String (10 max), Case-Sensitive
terminal_sw_version	String that identifies the terminal software version.	Y	String (20 max), Case-Sensitive

02

Problem with these  
limits

RCC.14 poses limits on fields length which imposes odd constraints on the clients and ES implementers and these limits carry over into TS.43 :

- terminal\_vendor is limited to 4 digits: OEMs that are named using 4 digits are rare (Oppo or Sony). Other vendor names are truncated (artificially) making the the field not as valuable (Goog).
- terminal\_model is limited to 7 digits: the term 'Galaxy' uses up 6 of those digits leaving 1 for differentiation.
- The spec states (TS.43 Table 11) that the ES shall return 400 if these fields are in the wrong format (are too long) unfortunately this is not something that can be recovered by the client.

03

# Potential solutions

Here are options for discussion at TSGVVEC:

1. CR to RCC.14 to remove these restrictions or make them optional.
  - a. This may have backward compatibility impacts on the ACS in market.
2. CR to TS.43 that calls out these fields in more detail and removes the restrictions.
  - a. Same as 1.a
3. CR to TS.43 to define how an entitlement server should handle “malformed” fields while still being able to serve the client.
  - a. 200 OK but truncate on the server (backwards compatible)
  - b. 200 OK for all lengths (backwards compatible)

As there is no mechanism for the client to understand the version supported by the ES, option 3 seems like the only optional available.