

| Analysis                | ID           | Description   |
|-------------------------|--------------|---|
| File existence          | CE-RF1-V-01  | The file exists and is under the specified path                         |
|                         | CE-RF1-IV-02 | The file does not exist or is not under the specified path              |
| File contents syntax    | CE-RF1-V-03  | The content of the JSON file has a valid syntax                         |
|                         | CE-RF1-IV-04 | The content of the JSON file has an invalid syntax                      |
| File contents semantics | CE-RF1-IV-05 | Missing parameter "Device Name"   |
|                         | CE-RF1-IV-06 | The device name is not a string   |
|                         | CE-RF1-IV-07 | The device name is longer than 20 chars.                                |
|                         | CE-RF1-V-08  | The Device Name is a valid string and is not longer than 20 characters  |
|                         | CE-RF1-IV-09 | Missing parameter "Type of Device"                                      |
|                         | CE-RF1-IV-10 | The type of device is not a Sensor or Actuator                          |
|                         | CE-RF1-V-11  | The type of device is valid, either a Sensor or Actuator                |
|                         | CE-RF1-IV-12 | Missing parameter "Driver Version"                                      |
|                         | CE-RF1-IV-13 | The driver version is not of Date type.                                 |
|                         | CE-RF1-IV-14 | The driver version is not a valid date.                                 |
|                         | CE-RF1-V-15  | The driver version is a valid date.                                     |
|                         | CE-RF1-IV-16 | Missing parameter "Support e-mail"                                      |
|                         | CE-RF1-IV-17 | The support e-mail is not a valid e-mail format.                        |
|                         | CE-RF1-V-18  | The support e-mail is a valid e-mail format.                            |
|                         | CE-RF1-IV-19 | Missing parameter "Serial Number"                                       |
|                         | CE-RF1-IV-20 | The serial number has spaces.   |
|                         | CE-RF1-IV-21 | The serial number has no spaces but is invalid.                         |
|                         | CE-RF1-V-22  | The serial number is valid.   |
|                         | CE-RF1-IV-23 | Missing parameter "MAC Address"   |
|                         | CE-RF1-IV-24 | The MAC address is not a valid format.                                  |
|                         | CE-RF1-IV-25 | The MAC address is of a valid format but contains an invalid character. |
|                         | CE-RF1-V-26  | The MAC address is valid.   |

| Analysis      | ID           | Description  |
|---------------|--------------|--|
| Output String | CE-RF1-IV-27 | The value generated is not a String type.                                      |
|               | CE-RF1-V-28  | The value generated is a String type   |
|               | CE-RF1-IV-29 | The String value generated does not correspond to the generated Token Request. |
|               | CE-RF1-V-30  | The String value generated corresponds to the generated Token Request.         |
| Output Error  | CE-RF1-IV-31 | Input data file not found.   |
|               | CE-RF1-IV-32 | Input file does not contain data, or the data is not in the expected format.   |
|               | CE-RF1-IV-33 | Internal processing error when obtaining the Token Request.                    |