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| 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. |

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| 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. |