

Description

Custom Validation

Allows you to override the default on-device validation.

Configure service variable `custom_validation_script` with HTML that contains Javascript function `crCustomValidate(data)`.

Example - Ignore the data and always return valid.

```
<script>
function crCustomValidate(data) {
    return JSON.stringify({"scanStatus": "1", "scanResponse": "Custom Validated!"});
}
</script>
```

Example 2 - Validate based on the scan value's length.

```
<script>
function crCustomValidate(data) {
    var obj = {"scanStatus": "0", "scanResponse": "Halt. Review value!"};
    if (data.scanValue.length > 4) {
        obj.scanStatus = 1;
        obj.scanResponse = "You're good to go!";
    } else if (data.scanValue.length == 1) {
        obj.scanStatus = -1;
        obj.scanResponse = "Value too short!";
    }
    return JSON.stringify(obj);
}
</script>
```

The data param is a JSON object containing fields `scanValue`, `scanStatus`, `scanResponse`, `properties`, `answers`, `context`:

Example data

```
{
  "scanValue":"050428375624",
  "scanStatus":"1",
  "scanResponse":"Recorded to device.",
  "answers":[
    {
      "qtype":"manual",
      "value":[ "Donated $5 to the cause." ],
      "qtext":"Comments:",
      "eid":"",
      "qid":"1525"
    },
    {
      "qtype":"checkbox",
      "value":[ "yellow", "green" ],
      "qtext":"Colors",
      "eid":"",
      "qid":"303"
    }
  ],
  "properties":{
    "prop1":"value1",
    "time_zone":"GMT-04:00, GMT-4",
    "capture_type":"camera_scan",
    "prop2":"value2",
    "app_used":"2.11.14r1625 for iOS-10.2.1",
    "barcode_format":"UPC_A",
    "scanned_at_utc":"2017-06-02T23:32:00.260Z",
    "scan_engine":"qmv1.9.6r4502"
  },
  "context":{
    "username":"MyUser",
    "user_id":"39430",
    "service_id":"9859",
    "service":"MyService",
    "device_id":"39434"
  }
}
```