**Spec C (callback) APIs**

### Here are the mandatory headers common for all the requests:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type of Attribute** | **Field** | **Description** |
| Content-Type | header | Required | Value has to be “application/json” |
| X-BRAND | header | Required | Toyota or Lexus. Possible values T or L. |
| X-CHANNEL | header | Required | Value to identify the call originator. Possible values are - TSC, TC. Channel values are  case sensitive. |
| X-CORRELATIONID | header | Required | Unique GUID (Globally Unique Identifier) to trace the request end to end. It is  also referred as UUID (Universally Unique Identifier), is of 36 characters, in the  form of 8-4-4-4-12 (32 alphanumeric characters and 4 hyphens). Example: 123e4567-e89b-12d3-a456-426655440000. Reference: https://en.wikipedia.org/wiki/Universally\_unique\_identifier. Pass the CorrelationId that was received in the Spec L request. |
| Authorization | header | Required | API Gateway API Key for identification. |
| DATETIME | header | Required | Value |
| Request No | header | Required | Value |

### POST : [/userRequests/v1/remoteControl.json](https://dev19cy.blob.core.windows.net/specbc/dist/index.html#!/UserRequest/get_userRequests_vin_remoteControl_json)

### Requestbody:

### {

### "vin": "JTNB11HKXJ3060347 ",

### "comResUploadTime": "2018-06-15T23:09:20.372Z",

### "comProgressUpdateTime": "2018-06-15T23:09:20.372Z",

### "rcntStartTime": "2018-06-15T23:09:20.372Z",

### "status": 1,

### "action": 1,

### "progress": "NormalEnded"

### }

### Model for the above payload:

### remoteRequest:

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Type | Field | Description |
| vin | String | Required | Required. VIN of the actual vehicle to be provisioned. |
| comResUploadTime | String | Optional | Date/Time when TSC received result of the command from DCM. YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |
| comProgressUpdateTime | String | Required | Date/Time when progress of the command was updated. (ex. from "CommandStored" to"SmsSent", from "WaitingDcmRequest" to "OnDcmExecuting") YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |
| rcntStartTime | String | Optional | Date/Time when TSC detected engine start most recently. YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |
| status | number | Required | Result status. See "Polling action and status" for detail |
| action | String | Required | Requested action. See "Polling action and status" for detail |
| progress | String | Required | Progress of request |

### POST : [/userRequests/v1/guestDriverProfileActivate.json](https://dev19cy.blob.core.windows.net/specbc/dist/index.html#!/UserRequest/get_userRequests_vin_profileActivateStatus_json)

### Requestbody:

### {

### "vin": "JTNB11HKXJ3060347 ",

### "profile": 1,

### "activate": 1,

### "progress": "NormalEnded"

### }

### Model for the above payload:

### guestDriverRequest:

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Type | Field | Description |
| vin | string | Required | Required. VIN of the actual vehicle to be provisioned |
| profile | string | Required | Profile index to perform activation/de-activation. either 1-5 |
| activate | string | Required | Action to perform. 0:de-Active 1:Active |
| progress | string | Required | Progress of the request |

### POST : [/userRequests/v1/realTimeStatus.json](https://dev19cy.blob.core.windows.net/specbc/dist/index.html#!/UserRequest/get_userRequests_vin_realTimeStatus_json)

### Requestbody:

### {

### "vin": "JTNB11HKXJ3060347 ",

### "comResUploadTime": "2018-06-15T23:09:20.491Z",

### "comProgressUpdateTime": "2018-06-15T23:09:20.491Z",

### "rcntStartTime": "2018-06-15T23:09:20.491Z",

### "status": 1,

### "action": 1,

### "progress": "NormalEnded"

### }

### Model for the above payload:

### remoteControl :

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Type | Field | Description |
| vin | String | Required | Required. VIN of the actual vehicle to be provisioned. |
| comResUploadTime | String | Optional | Date/Time when TSC received result of the command from DCM. YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |
| comProgressUpdateTime | String | Required | Date/Time when progress of the command was updated. (ex. from "CommandStored" to"SmsSent", from "WaitingDcmRequest" to "OnDcmExecuting") YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |
| rcntStartTime | String | Optional | Date/Time when TSC detected engine start most recently. YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |
| status | number | Required | Result status. See "Polling action and status" for detail |
| action | String | Required | Requested action. See "Polling action and status" for detail |
| progress | String | Required | Progress of request |

### POST : [/userRequests/v1/latestEngineStatus.json](https://dev19cy.blob.core.windows.net/specbc/dist/index.html#!/UserRequest/get_userRequests_vin_latestEngineStatus_json)

### Requestbody:

### {

### "vin": "JTNB11HKXJ3060347 ",

### "engineStatus": 1,

### "rcntStartTime": "2018-06-15T23:09:20.527Z"

### }

### Model for the above payload:

### realtimeEngine:

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Type | Field | Description |
| vin | string | Required | Required. VIN of the actual vehicle to be provisioned |
| engineStatus | number | Required | 1:START, 2:STOP. = ['1', '2'], |
| rcntStartTime | string | Required | Date/Time when TSC detected engine start most recently. YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time Zone. |

### POST : [/vehicles/v1/vehicleStatus.json](https://dev19cy.blob.core.windows.net/specbc/dist/index.html#!/Vehicle/get_vehicles_vin_vehicleStatus_json)

### Requestbody:

### {

### "vin": "JTNB11HKXJ3060347 ",

### "dateTime": "2018-06-15T23:09:20.546Z",

### "list": [

### {

### "security": "safe",

### "type": "DCTY",

### "typeName": "Driver Door",

### "data": "close",

### "dataName": "Closed",

### "dispSeq": "0",

### "unit": "km"

### }

### ]

### }

### Model for the above payload:

### realTimeStatus:

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Type | Field | Description |
| vin | String | Required | Required. VIN of the actual vehicle to be provisioned. |
| dateTime | String | Optional | YYYY-MM-ddThh:mm:ss+-ZZ:ZZ. ZZ:ZZ stands for Time |
| security | String | Required | Status of the item |
| type | String | Optional | Type |
| typeName | String | Optional | Type name. |
| data | String | Optional | Data value |
| dataName | String | Optional | Data value name. |
| dispSeq | number | Optional | Display order. |
| unit | String | Optional | Unit. |

### POST : [/vehicles/v1/location.json](https://dev19cy.blob.core.windows.net/specbc/dist/index.html#!/Vehicle/get_vehicles_vin_location_json)

### Requestbody:

### {

### "vin": "JTNB11HKXJ3060347 ",

### "lat": "+38.957402",

### "lon": "-95.24575",

### "accuracy": 1

### }

### Model for the above payload:

### vehicleLocationResult

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Type | Field | Description |
| vin | string | Required | Required. VIN of the actual vehicle to be provisioned |
| lat | string | Optional | Latitude. |
| lon | string | Optional | Longitude. |
| accuracy | number | Optional | ACCURACY of Position Info that will be indicated by "m(meter)". |

### Here is the ResponseBody common for all the API’s:

### {

### "status": {

### "messages": [

### {

### "responseCode": "string",

### "description": "string",

### "detailedDescription": "string"

### }

### ]

### }

### }

### We will provide a list of response code and messages once they are finalized.

## **Polling actions and status:**

|  |  |  |
| --- | --- | --- |
| **Process** | **Action** | **Status** |
| Door Lock/Unlock | 1: Door Lock | 1: Operation complete |
| 2: Door Unlock | 2: Operation uncomplete |
| Engine Start/Stop | 1: Engine Start | 1: Engine start(starting) |
| 2: Engine Stop | 2: Engine stop |