

Grizzl-E OCPP supported requests and confirmations, OCPP1.6-J: March 11, 2022, FW: 5.6.22

Confirmation status value is either "Accepted" or "Rejected".

BootNotification.req(chargePointModel, chargePointVendor,
[chargeBoxSerialNumber],[chargePointSerialNumber],
[firmwareVersion], [iccid], [imsi], [meterSerialNumber], [meterType])

GrizzlE Smart:

```
[2,"40110005be000082a63a","BootNotification",{"chargePointSerialNumber":"GRS-40110005be00","chargePointModel":"GRS-*","chargePointVendor":"United Chargers","firmwareVersion":"05.622:9DE5:8BE8","meterType":"SW","iccid":"-62","imsi":"1"}]
```

BootNotification.conf(currentTime, interval, status):

Central System:

```
[3,"40110005be000082a63a",{"currentTime":"2022-03-19T13:43:00.849+00:00","interval":120,"status":"Accepted"}]
```

StatusNotification.req(connectorId, errorCode, status, [timestamp], [info], [vendorId], [vendorErrorCode])

GrizzlE Smart:

```
[2,"40110005be000094791d","StatusNotification",{"errorCode":"NoError","status":"Available","timestamp":"2022-03-19T13:43:01.001Z","info":"Pilot and Charger:10h","vendorId":"UC","vendorErrorCode":"0","connectorId":1}]
```

Where status is one of following:

"Available", "Preparing", "Charging", "SuspendedEVSE", "SuspendedEV", "Finishing", "Reserved", "Unavailable", "Faulted".

StatusNotification.conf():

Central System:

```
[3,"40110005be000094791d",{}]
```

GetConfiguration.req([key]):

Central System:

```
[2,"0116359a-f5b2-4f6b-af28-b845dd10c138","GetConfiguration",{}]
```

GetConfiguration.conf(configurationKey, [unknownKey])

GrizzlE Smart:

```
[3,"0116359a-f5b2-4f6b-af28-b845dd10c138",{"configurationKey":[{"key":"ConnectionTimeOut","value":"324","readonly":f
```

```
also},{\"key\":\"ClockAlignedDataInterval\",\"value\":\"0\",\"readonly\":false},{\"key\":\"AuthorizeRemoteTxRequests\",\"value\":\"false\",\"readonly\":false},{\"key\":\"GetConfigurationMaxKeys\",\"value\":\"100\",\"readonly\":false},{\"key\":\"HeartBeatInterval\",\"value\":\"120\",\"readonly\":false},{\"key\":\"LocalAuthorizeOffline\",\"value\":\"true\",\"readonly\":false},{\"key\":\"LocalPreAuthorize\",\"value\":\"true\",\"readonly\":false},{\"key\":\"MeterValueSampleInterval\",\"value\":\"120\",\"readonly\":false},{\"key\":\"NumberOfConnectors\",\"value\":\"1\",\"readonly\":true},{\"key\":\"ResetRetries\",\"value\":\"4\",\"readonly\":false},{\"key\":\"StopTransactionOnEVSideDisconnect\",\"value\":\"true\",\"readonly\":false},{\"key\":\"StopTransactionOnInvalidId\",\"value\":\"true\",\"readonly\":false},{\"key\":\"UnlockConnectorOnEVSideDisconnect\",\"value\":\"true\",\"readonly\":false},{\"key\":\"SupportedFeatureProfiles\",\"value\":\"Core,FirmwareManagement,LocalAuthListManagement,Reservation,SmartCharging,RemoteTrigger\",\"readonly\":true},{\"key\":\"TransactionMessageAttempts\",\"value\":\"4\",\"readonly\":false},{\"key\":\"TransactionMessageRetryInterval\",\"value\":\"4\",\"readonly\":false},{\"key\":\"LocalAuthListEnabled\",\"value\":\"false\",\"readonly\":false},{\"key\":\"LocalAuthListMaxLength\",\"value\":\"10\",\"readonly\":false},{\"key\":\"SendLocalListMaxLength\",\"value\":\"10\",\"readonly\":false},{\"key\":\"ChargeProfileMaxStackLevel\",\"value\":\"1\",\"readonly\":false},{\"key\":\"ChargingScheduleAllowedChargingRateUnit\",\"value\":\"Current\",\"readonly\":false},{\"key\":\"ChargingScheduleMaxPeriods\",\"value\":\"10\",\"readonly\":false},{\"key\":\"MaxChargingProfilesInstalled\",\"value\":\"1\",\"readonly\":false},{\"key\":\"AuthorizationCacheEnabled\",\"value\":\"false\",\"readonly\":false},{\"key\":\"CentralSystemURL\",\"value\":\"a.b.c/x\",\"readonly\":false},{\"key\":\"AllowOfflineTxForUnknownId\",\"value\":\"true\",\"readonly\":false},{\"key\":\"WiFiSignalStrength\",\"value\":\"-62\",\"readonly\":true}}}]
```

TriggerMessage.req(requestedMessage, [connectorId])

Central System:

```
[2,\"bf51ccda-09e6-41cb-b917-cb2f3f891791\",\"TriggerMessage\",\"requestedMessage\":\"StatusNotification\"]
```

RequestedMessage is one of: \"StatusNotification\", \"BootNotification\", \"Heartbeat\" or \"MeterValues\"

TriggerMessage.conf(status):

GrizzIE Smart:

```
[3,\"bf51ccda-09e6-41cb-b917-cb2f3f891791\",\"status\":\"Accepted\"]
```

Heartbeat.req():

GrizzIE Smart:

```
[2,\"40110005be000792ef07\",\"Heartbeat\",{}]
```

Heartbeat.conf(currentTime):

Central System:

```
[3,\"40110005be000792ef07\",\"currentTime\":\"2022-03-20T14:00:02.805+00:00\"]
```

RemoteStartTransaction.req(idTag, [connectorId], [chargingProfile]):

Central System:

```
[2,"1cb07a8b-7d39-450b-b74f-929a7d92397c","RemoteStartTransaction",{"connectorId":1,"idTag":"remote1e4ce565def594"}]
```

RemoteStartTransaction.conf(status):

GrizzIE Smart:

```
[3,"1cb07a8b-7d39-450b-b74f-929a7d92397c",{"status":"Accepted"}]
```

StartTransaction.req(connectorId, idTag, meterStart, timestamp, [reservationId]):

GrizzIE Smart:

```
[2,"40110005be00341ba533","StartTransaction",{"idTag":"remote1e4ce565def594","timestamp":"2022-03-20T14:12:29.001Z","connectorId":1,"meterStart":0}]
```

StartTransaction.conf(idTagInfo, transactionId):

Central System:

```
[3,"40110005be00341ba533",{"idTagInfo":{"status":"Accepted"},"transactionId":484698888}]
```

MeterValues.req(connectorId, meterValue, [transactionId]):

GrizzIE Smart:

```
[2,"40110005be0039b3f8e1","MeterValues",{"connectorId":1,"meterValue":[{"timestamp":"2022-03-20T14:14:03.001Z","sampledValue":{"context":"Sample.Periodic","format":"Raw","location":"Body","phase":"L1-N","measurand":"Current.Import","unit":"A","value":"0.51"},{"context":"Sample.Periodic","format":"Raw","location":"Body","phase":"L1-N","measurand":"Power.Active.Import","unit":"W","value":"118.54"},{"context":"Sample.Periodic","format":"Raw","location":"Body","phase":"L1-N","measurand":"Energy.Active.Import.Register","unit":"Wh","value":"2.92"}]}],"transactionId":484698888}]
```

MeterValues.conf():

Central System:

```
[3,"40110005be0039b3f8e1",{}]
```

StopTransaction.req(meterStop, timestamp, transactionId, [reason], [idTag], [transactionData])

GrizzIE Smart:

```
[2,"40110005be00c82e7b91","StopTransaction",{"idTag":"remote1e4ce565def594","timestamp":"2022-03-20T14:53:54.001Z","transactionId":484698888,"meterStop":92,"reason":"Remote","transactionData":[{"timestamp":"2022-03-20T14:53:54.001Z","sampledValue":{"measurand":"Current.Import","unit":"A","value":"0.59"},{"measu
```

```
rand":{"Power.Active.Import","unit":"W","value":"136.57"},{"measurand":"Energy.Active.Import.Register","unit":"Wh","value":"92.01"}]]]]
```

StopTransaction.conf([idTagInfo]):

Central System:

```
[3,"40110005be00c82e7b91",{}]
```

ChangeConfiguration.req(key, value):

Central System:

```
[2,"2738daf4-0fa5-4cfe-b105-d46717f1500e","ChangeConfiguration",{"key":"HeartBeatInterval","value":"120"}]
```

ChangeConfiguration.conf(status):

GrizzIE Smart:

```
[3,"2738daf4-0fa5-4cfe-b105-d46717f1500e",{"status":"Accepted"}]
```

SetChargingProfile.req(ConnectorId, csChargingProfiles):

Central System:

```
[2,"4e496646-aa8f-44f8-beba-8ecdbf540dc7","SetChargingProfile",{"connectorId":1,"csChargingProfiles":{"chargingProfileId":1,"stackLevel":1,"chargingProfilePurpose":"TxDefaultProfile","chargingProfileKind":"Relative","chargingSchedule":{"chargingRateUnit":"A","chargingSchedulePeriod":{"startPeriod":0,"limit":0.0,"numberPhases":1}}}}]
```

SetChargingProfile.conf(status):

GrizzIE Smart:

```
[3,"4e496646-aa8f-44f8-beba-8ecdbf540dc7",{"status":"Accepted"}]
```

```
[2,"a780f603-0d62-4835-bcb7-b1c9bf60a5ea","SetChargingProfile",{"connectorId":1,"csChargingProfiles":{"chargingProfileId":1,"stackLevel":1,"chargingProfilePurpose":"TxDefaultProfile","chargingProfileKind":"Relative","chargingSchedule":{"chargingRateUnit":"A","chargingSchedulePeriod":{"startPeriod":0,"limit":40.0,"numberPhases":1}}}}]
```

```
[3,"a780f603-0d62-4835-bcb7-b1c9bf60a5ea",{"status":"Accepted"}]
```

RemoteStopTransaction.req(transactionId):

Central System:

```
[2,"ea85a2f3-f677-463f-bcdc-4e9f6b16df39","RemoteStopTransaction",{"transactionId":1261441773}]
```

RemoteStopTransaction.conf(status):

GrizzIE Smart:

```
[3,"ea85a2f3-f677-463f-bcdc-4e9f6b16df39",{"status":"Accepted"}]
```

Reset.req(type):

Central System:

```
[2,"e0a69c42-1af4-4f43-97f3-36163fa1e0ba","Reset",{"type":"Hard"}]
```

Reset.conf(status):

GrizzIE Smart:

```
[3,"e0a69c42-1af4-4f43-97f3-36163fa1e0ba",{"status":"Accepted"}]
```

Not fully tested implementations: "ChangeAvailability", "ReserveNow", "CancelReservation", "GetDiagnostics", "UnlockConnector".