



OCPP 2.0.1 Edition 3
Errata 2024-06

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Version History

Version	Date	Description
2024-06	2024-06-27	Includes new errata for Part 5 and Part 6.

Scope

This document contains errata on the OCPP 2.0.1 documentation. These errata have to be read as an addition to the release of OCPP 2.0.1 Edition 3.

The errata do not affect any schemas of OCPP messages. Certain errata do contain changes to requirements or even new requirements, but only in cases where a requirement contains an obvious error and would not or could not be implemented literally. New requirements are only added when they were already implicitly there. These changes have been discussed in or were proposed by the Technology Working Group of the Open Charge Alliance.

The appendices of the OCPP specification can be updated without requiring a new OCPP release. This mainly concerns the components and variables of the OCPP device model, which can be extended with new components or variables, as long as they are optional.

Terminology and Conventions

Bold: when needed to clarify differences, bold text might be used.

The errata entries are sorted by page number of the affected section of the specification document. When an errata entry affects multiple parts of the specification, then the various changes are grouped together with subsections referring to the pages affected by those changes.

This is version 2024-06 of the errata. The errata of this version are marked with "(2024-06)" in the section title.

Where possible the issue number by which it was reported, is added in square brackets at the end of the section title, e.g. "[349]". For retrieval of the issue in the issue tracking system prefix the number with "OCPP20M", like "[OCPP20M-349]".

0. Part 0

Currently no new errata for OCPP 2.0.1 Edition 3 part 0.

1. Part 1

Currently no new errata for OCPP 2.0.1 Edition 3 part 1.

2. Part 2

Currently no new errata for OCPP 2.0.1 Edition 3 part 2.

3. Part 3

Currently no new errata for OCPP 2.0.1 part 3.

4. Part 4

Currently no new errata for OCPP 2.0.1 Edition 3 part 4.

5. Part 5

5.1. Page 48 - (2024-06) - Added additional questions to appendix

The following additional questions are added for CSMSs:

Id	Additional questions for lab testing
AQ-3	Does your CSMS support Absolute values for the following Charging Profiles:
AQ-3.1	<i>TxDefaultProfile</i>
AQ-3.2	<i>ChargingStationMaxProfile</i>
AQ-4	Does your CSMS support Recurring values for the following Charging Profiles:
AQ-4.1	<i>TxDefaultProfile</i>
AQ-4.2	<i>ChargingStationMaxProfile</i>

6. Part 6

6.1. Page 221 - (2024-06) TC_F_04_CS Made mandatory in part 5, but prerequisite in part 6 was not updated

Removed Prerequisite(s):

Old	The Charging Station supports TxCtrlr.TxStartPoint ParkingBayOccupancy OR Authorized.
New	N/a

6.2. Page 214 - (2024-06) TC_E_43_CS Move reusable state TransactionEventsInQueueEnded to Before [768]

State TransactionEventsInQueueEnded is moved to Before stage.

Test Case Id: TC_E_43_CS

Test case name	Offline Behaviour - Transaction during offline period	
Test case Id	TC_E_43_CS	
Use case Id(s)	E12	
Requirement(s)	E12.FR.01,E12.FR.02,E12.FR.06	
System under test	Charging Station	
Description	The Charging Station queues TransactionEvent messages to inform the CSMS that a transaction occurred while the Charging Station was Offline.	
Purpose	To verify if the Charging Station is able to queue TransactionEvent messages while it was offline.	
Prerequisite(s)	The Charging Station supports authorization methods other than NoAuthorization	
Before (Preparations)	Configuration State: N/a	
	Memory State: N/a	
	Reusable State(s): State is TransactionEventsInQueueEnded	
Main (Test scenario)	Charging Station	CSMS
	1. Execute Reusable State TransactionEventsInQueueEnded	
	1. The Charging Stations sends a TransactionEventRequest Note(s): - The Charging Station will empty its Transaction message queue. This will contain one or more TransactionEventRequest messages	2. The OCTT responds with a TransactionEventResponse
Tool validations	* Step 1: All messages: TransactionEventRequest - offline must be <i>true</i> One of the messages: TransactionEventRequest - eventType <i>Started</i> One of the messages: TransactionEventRequest - eventType <i>Ended</i>	
	Post scenario validations: N/a	

NOTE | If the Charging Station supports ISO15118, this testcase needs to be executed using EIM.

6.3. Page 345 - (2024-06) TC_K_35_CS Get Charging Profile - Evseld > 0 + chargingProfilePurpose [773]

Change initial charging state from "N/A" to:

	Charging State: State is <i>EnergyTransferStarted</i>
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6.4. Page 468 - (2024-06) TC_N_23_CS Offline Notification - OfflineMonitoringEventQueuingSeverity set higher than severityLevel of the monitor [772]

Test case name	Offline Notification - OfflineMonitoringEventQueuingSeverity set higher than severityLevel of the monitor
Test case Id	TC_N_23_CS
Use case Id(s)	N07
Requirement(s)	N07.FR.04
System under test	Charging Station
Description	Charging Station does not queue event notifications when offline.
Purpose	To test that Charging Station does not queue event notifications with a severity higher than <code>OfflineMonitoringEventQueuingSeverity</code> .
Prerequisite(s)	Charging Station is online at start of test for configuration. CS has implemented device model monitoring and <code>MonitoringCtrlr::Enabled = true</code> .
Before (Preparations)	Configuration State: SetConfiguration with: - component.name = "MonitoringCtrlr" - variable.name = "OfflineQueuingSeverity" - attributeValue = <Configured Severity>
	Memory State: Charging Station has custom or predefined monitors on variable AvailabilityState of Configured EVSE and Configured ConnectorId with severity = <Configured severity> + 1
	Reusable State(s): N/a

Test case name	Offline Notification - OfflineMonitoringEventQueuingSeverity set higher than severityLevel of the monitor	
Main (Test scenario)	Charging Station	CSMS
	<u>Manual Action:</u> Connect the EV and EVSE.	
	1. The Charging Station notifies the CSMS about the status change of the connector.	2. The OCTT responds accordingly.
	<u>Note(s):</u> Step 3, 4, 5, 6, 7, and 8 need to be executed when TxStartPoint contains EVConnected OR ParkingBayOccupancy	
	3. The Charging Station sends a TransactionEventRequest	4. The OCTT responds with a TransactionEventResponse
	<u>Manual Action:</u> Take Charging Station offline.	
	<u>Manual Action:</u> Disconnect the EV and EVSE.	
	<u>Manual Action:</u> Connect the EV and EVSE.	
	<u>Note(s):</u> The tool will now wait for <Configured Transaction Duration> seconds	
	<u>Manual Action:</u> Bring Charging Station back online.	
	5. The Charging Station sends a TransactionEventRequest	6. The OCTT responds with a TransactionEventResponse
	7. The Charging Station sends a TransactionEventRequest	8. The OCTT responds with a TransactionEventResponse
	<u>Note(s):</u> The CS shall not send a NotifyEventRequest for AvailabilityState of EVSE and Connector. A StatusNotification may still be received.	

Test case name	Offline Notification - OfflineMonitoringEventQueuingSeverity set higher than severityLevel of the monitor
Tool validations	<p>* Step 1: <i>(Optional:)</i></p> <p>Message: StatusNotificationRequest</p> <ul style="list-style-type: none"> - evseId <configured evseId> - connectorId <configured connectorId> - connectorStatus must be <i>Occupied</i> <p><i>(Required, but can be combined into one NotifyEventRequest:)</i></p> <p>Message: NotifyEventRequest</p> <ul style="list-style-type: none"> - eventData[0].trigger must be <i>Delta</i> - eventData[0].actualValue must be <i>Occupied</i> - eventData[0].component.name must be <i>Connector</i> - eventData[0].component.evse.id must be <i>Configured EVSE</i> - eventData[0].component.evse.connectorId must be <i>Configured ConnectorId</i> - eventData[0].variable.name must be <i>AvailabilityState</i> <p>Message: NotifyEventRequest</p> <ul style="list-style-type: none"> - eventData[0].trigger must be <i>Delta</i> - eventData[0].actualValue must be <i>Occupied</i> - eventData[0].component.name must be <i>EVSE</i> - eventData[0].component.evse.id must be <i>Configured EVSE</i> - eventData[0].variable.name must be <i>AvailabilityState</i> <p>* Step 3:</p> <p>Message: TransactionEventRequest</p> <ul style="list-style-type: none"> - triggerReason must be <i>CablePluggedIn</i> - transactionInfo.chargingState must be <i>EVConnected</i> <p>* Step 5:</p> <p>Message: TransactionEventRequest</p> <ul style="list-style-type: none"> - triggerReason must be <i>EVCommunicationLost</i> - transactionInfo.chargingState must be <i>Idle</i> <p>* Step 7:</p> <p>Message: TransactionEventRequest</p> <ul style="list-style-type: none"> - triggerReason must be <i>CablePluggedIn</i> - transactionInfo.chargingState must be <i>EVConnected</i> <p>Post scenario validations: N/A</p>