//登陆

[2021-11-09 15:54:38:613] Socket Connect Server Successful

Send Handshake:GET /2103252121090001 HTTP/1.1

Host:120.79.1.235:9004

Origin: http://2103252121090001

Authorization: Basic MjEwMzI1MjEyMTA5MDAwMToxMjM0NTY3OA==

Upgrade: websocket

Connection: Upgrade

Sec-WebSocket-Key: UWR0SXNETGFNRjM0dVJMNg==

Sec-WebSocket-Protocol: ocpp1.6

Sec-WebSocket-Version: 13

WebSocket Send Handshake

receive data: HTTP/1.1 101 Web Socket Protocol Handshake

Connection: Upgrade

Date: Tue, 09 Nov 2021 07:54:39 GMT

Sec-WebSocket-Accept: G1E6fpVvRQdSnjV5XTRQU97GYTY=

Sec-WebSocket-Protocol: ocpp1.6

Server: TooTallNate Java-WebSocket

Upgrade: websocket

//启动通知

[2,"100","BootNotification",{"chargePointVendor":"TONLY","chargePointModel":"TonlyCharger\_48A","chargePointSerialNumber":"2103252121090001","firmwareVersion":"AC48A\_1PV100"}]

[3,"100",{"currentTime":"2021-11-09T15:54:39.397","interval":60,"status":"Accepted"}]

//状态通知 空闲

[2,"101","StatusNotification",{"connectorId":1,"errorCode":"NoError","status":"Available"}]

receive data: ?[3,"101",{}]

//状态通知 就绪

[2,"105","StatusNotification",{"connectorId":1,"errorCode":"NoError","status":"Preparing"}]

[2021-11-09 15:58:40:440] receive data: ?[3,"105",{}]

//状态通知 故障

[2,"103","StatusNotification",{"connectorId":1,"errorCode":"ReaderFailure","status":"Faulted"}]

[2021-11-09 16:15:30:087] receive data: ?[3,"102",{}]

//状态通知 充电中

[2,"113","StatusNotification",{"connectorId":1,"errorCode":"NoError","status":"Charging"}]

receive data: ?[3,"113",{}]

//状态通知 充电完成

[2,"135","StatusNotification",{"connectorId":1,"errorCode":"NoError","status":"Finishing"}]

receive data: ?[3,"135",{}]

//状态通知 预约功能

[2,"253","StatusNotification",{"connectorId":1,"errorCode":"NoError","status":"Reserved"}]

[2021-11-10 09:40:51:322] receive data: ?[3,"253",{}]

//心跳

[2,"104","Heartbeat",{}] (47 bytes)

[3,"104",{"currentTime":"2021-11-09T15:55:20.215"}]

//获取配置

[2,"2021119161654531","GetConfiguration",{"key":["WIFI\_SSID\_Key","WIFI\_PassWordKey"]}]

ResetData GetConfiguration = [3,"2021119161654531",{"configurationKey":[{"key":"GetConfigurationMaxKeys","value":"25","readonly":true},{"key":"Pilot\_Number","value":"2103252121090001","readonly":true},{"key":"CurrentPrice","value":"0.60","readonly":false},

{"key":"Language","value":"English","readonly":false},{"key":"MaxCurrent","value":"48.00","readonly":false},{"key":"ChargerMode","value":"1","readonly":false},{"key":"Local\_Ip","value":"192.168.1.8","readonly":false},

{"key":"HeartbeatInterval","value":"60","readonly":false},{"key":"MeterValueInterval","value":"60","readonly":false},{"key":"Over\_Temper","value":"80","readonly":false},{"key":"RemoteStartAuthorize","value":"0","readonly":true},

{"key":"LocalAuthorize","value":"0","readonly":true},{"key":"LocalPreAuthorize","value":"0","readonly":true},{"key":"ConnectNumber","value":"1","readonly":true},{"key":"Wifi\_Name","value":"WIFI\_Default","readonly":false},

{"key":"Wifi\_Password","value":"12345678","readonly":false},{"key":"Rate\_Price1","value":"0.50","readonly":false},{"key":"Rate\_Time1","value":"00:00-07:00","readonly":false},{"key":"Rate\_Price2","value":"1.00","readonly":false},

{"key":"Rate\_Time2","value":"07:00-12:00","readonly":false},{"key":"Rate\_Price3","value":"0.60","readonly":false},{"key":"Rate\_Time3","value":"12:00-18:00","readonly":false},{"key":"Rate\_Price4","value":"1.50","readonly":false},

{"key":"Rate\_Time4","value":"18:00-00:00","readonly":false},{"key":"J\_RateCurrency","value":"0-00:00","readonly":false}]}]

//更改配置

[2,"20211191617369433","ChangeConfiguration",{"key":"config","value":"[{\"key\":\"Rate\_Price1\",\"value\":\"0.50\"},{\"key\":\"Rate\_Time1\",\"value\":\"00:00-07:00\"},{\"key\":\"Rate\_Price2\",\"value\":\"1.00\"},{\"key\":\"Rate\_Time2\",\"value\":\"07:00-12:00\"},{\"key\":\"Rate\_Price3\",\"value\":\"0.60\"},{\"key\":\"Rate\_Time3\",\"value\":\"12:00-18:00\"},{\"key\":\"Rate\_Price4\",\"value\":\"1.50\"},{\"key\":\"Rate\_Time4\",\"value\":\"18:00-00:00\"}]"}]

[3,"20211191617369433",{"status":"Accepted"}]

//远程启动

[2,"2021119162036620","RemoteStartTransaction",{"connectorId":1,"idTag":"13714319313","chargingProfile":{"chargingProfileId":1,

"transactionId":701,"stackLevel":1,"chargingProfilePurpose":"TxProfile","chargingProfileKind":"Recurring","chargingSchedule":

{"duration":0,"chargingRateUnit":"A","chargingSchedulePeriod":[{"startPeriod":1,"limit":32.0,"numberPhases":3}]}}}]

[3,"2021119162036620",{"status":"Accepted"}]

//授权

[2,"111","Authorize",{"idTag":"13714319313"}]

[3,"111",{"idTagInfo":{"expiryDate":"2021-11-09T16:20:36.224","status":"Accepted"}}]

//开始传输

[2,"112","StartTransaction",{"connectorId":1,"idTag":"13714319313","meterStart":0,"reservationId":0,"timestamp":"2021-11-09T16:20:35"}]

[3,"112",{"idTagInfo":{"expiryDate":"2021-11-09T16:20:36.297","parentIdTag":"13714319313","status":"Accepted"},"transactionId":701}]

//获取电表值

[2,"114","MeterValues",{"connectorId":1,"transactionId":701,"meterValue":[{"timestamp":"2021-11-09T16:20:35","sampledValue":

[{"value":"0.00","context":"Sample.Periodic","format":"Raw","measurand":"Energy.Active.Import.Register","unit":"kWh"},

{"value":"0.00","context":"Sample.Periodic","format":"Raw","measurand":"Current.Export","phase":"L1","unit":"A"},

{"value":"0.00","context":"Sample.Periodic","format":"Raw","measurand":"Current.Export","phase":"L2","unit":"A"},

{"value":"0.00","context":"Sample.Periodic","format":"Raw","measurand":"Current.Export","phase":"L3","unit":"A"},

{"value":"230.8","context":"Sample.Periodic","format":"Raw","measurand":"Voltage","phase":"L1","unit":"V"},

{"value":"230.1","context":"Sample.Periodic","format":"Raw","measurand":"Voltage","phase":"L2","unit":"V"},

{"value":"230.6","context":"Sample.Periodic","format":"Raw","measurand":"Voltage","phase":"L3","unit":"V"},

{"value":"33","context":"Sample.Periodic","format":"Raw","measurand":"Temperature","unit":"Celcius"}]}]}]

receive data: ?[3,"114",{}]

//远程停止

[2,"20211191627106370","RemoteStopTransaction",{"transactionId":701}]

RemoteStopTransactionData Response = [3,"20211191627106370",{"status":"Accepted"}]

//停止传输

[2,"134","StopTransaction",{"meterStop":0,"timestamp":"2021-11-09T16:27:09","transactionId":701}]

receive data: [3,"134",{}]

//数据传输

[2,"136","DataTransfer",{"vendorId":"TONLY","messageId":"currentrecord","data":{"id":1,"connectorId":1,"chargemode":1,"startengry":0.00,

"endengry":0.00,"starttime":"2021-11-09 16:26:38","endtime":"2021-11-09 16:27:08","costenergy":0.00,"costmoney":0.00,"transactionId":701,

"stopReason":"Stop 3"}}]

receive data: [3,"136",{"status":"Accepted"}]

//预约状态

[2,"20211110940511291","ReserveNow",{"connectorId":1,"expiryDate":"2021-11-10T09:55:50.877","idTag":"13714319313","reservationId":1}]

[3,"20211110940511291",{"status":"Accepted"}]

//取消预约

[2,"20211110118248789","CancelReservation",{"reservationId":5}]

CancelReservation Response = [3,"20211110118248789",{"status":"Accepted"}]

//触发功能 获取诊断状态

[2,"20211110159454930","TriggerMessage",{"connectorId":1,"requestedMessage":"DiagnosticsStatusNotification"}]

[3,"20211110159454930",{"status":"Accepted"}]

//触发功能 获取启动通知

[2,"202111101634533576","TriggerMessage",{"connectorId":1,"requestedMessage":"BootNotification"}]

[3,"202111101634533576",{"status":"Accepted"}]

//触发功能 获取升级状态

[2,"20211110163601519","TriggerMessage",{"connectorId":1,"requestedMessage":"FirmwareStatusNotification"}]

[3,"100",{"currentTime":"2021-11-10T16:33:49.888","interval":60,"status":"Accepted"}]

//触发功能 获取电表值

[2,"202111101641279662","TriggerMessage",{"connectorId":1,"requestedMessage":"MeterValues"}]

//设备处于空闲所以拒绝

TriggerMessageData Response = [3,"202111101641279662",{"status":"Rejected"}]

//触发功能 获取诊断

[2,"202111101637486717","GetDiagnostics",{"location":"ftp://test:root\_123@120.79.1.235:21/diagnosticFiles"}]

[3,"202111101637486717",{"fileName":"2103252121090001-2021-11-10.txt"}]

[2,"106","DiagnosticsStatusNotification",{"status":"Uploading"}]

//FTP 上传文件 Update File data successful!提示上传成功后发送上传完成

[2,"107","DiagnosticsStatusNotification",{"status":"Uploaded"}]

//触发功能 获取状态通知

[2,"202111101642296937","TriggerMessage",{"connectorId":1,"requestedMessage":"StatusNotification"}]

[3,"202111101634533576",{"status":"Accepted"}]

//更改有效性 可用

[2,"20211110168141165","ChangeAvailability",{"connectorId":1,"type":"Operative"}]

ChangeAvailabilityData Response = [3,"20211110168141165",{"status":"Accepted"}]

//更改有效性 禁用

[2,"202111101622478979","ChangeAvailability",{"connectorId":1,"type":"Inoperative"}]

ChangeAvailabilityData Response = [3,"202111101622478979",{"status":"Accepted"}]

//升级

[2,"20211191553208096","UpdateFirmware",{"location":"120.79.1.235:21:test:root\_123:/test/AC48k01\_update.bin","retrieveDate":"2021-11-09T15:53:20.247"}]7"}]

[3,"20211191553208096",{}]

[2,"102","FirmwareStatusNotification",{"status":"Downloaded"}]

[2,"103","FirmwareStatusNotification",{"status":"Downloaded"}]

[2,"102","FirmwareStatusNotification",{"status":"Installed"}]

[2,"103","FirmwareStatusNotification",{"status":"Installed"}]