Terminal Management System

Diagnostics Information



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Document History

S.NO.	Document Version	Updated Date	Updated By
1	Version 1.0.0	25/01/2021	Mathan Kumar / David

TMS

Field Order	Field Name	Field Description	Sample Value
1	Model	POS Device model	VX520
2	Terminal ID	Terminal ID (*ZT/TID)	12345678
3	Application*Version	POS Application Name * Version (*ZA)	ISO*100
4	IP Address	Current Connection made IP Address of the Terminal	214.1.25.155
5	Last Download Status	Success/Failure	1- Success 0- Failure
6	Last Download DateTime	Last downloaded DateTime of Download Type Full/Partial/App.with Partial	2021-01-11 14:47:00
7	TMS Frequency	Current TMS Frequency Value (TMSFQY)	1
8	Next Download DateTime	Next download Datetime based on TMS Frequency	2021-01-12 14:47:00
9	Mode of Connectivity	Mode of connection made LAN/GPRS/MODEM	LAN
10	Device Status	Enabled/Disabled to perform Transaction	1 - Enabled to performTransaction0 - Disabled to performTransaction
11	Merchant ID	Merchant ID (MID)	123456789012
12	Branch ID	Branch ID (StoreID/StoreNO)	0123456789
13	RFU	Reserved for Future	
14	RFU	Reserved for Future	
15	RFU	Reserved for Future	

Hardware Details

Field Order	Field Name	Field Description	Sample Value
1	PartNO	Product NO.	M550-104-21-EUA-5
2	Serial No	Serial NO of the POS Device	401-626-699
2	Flash Memory	ROM	942669824/12000000
3	Flash Memory	KOW	Used / Availabe
4	Ram Memory	RAM	942669824/12000000
4	Rail Mellory	INAIVI	Used / Availabe
5	IMEI NO.	IMEI No of the POS Device	869092034657954
6	PTID	Hardware ID	H470-07-3V-130-31-B1
7	WIFI MAC Address	WIFI MAC Address of the POS Device	A0C9A039796C

8	BLUETOOTH MAC Address	BLUETOOTH MAC Address of the POS Device	60C798BBF1ED
9	RFU	Reserved for Future	
10	RFU	Reserved for Future	_

Version Details

Field Order	Field Name	Field Description	Sample Value
1	OS	Current OS Version in the POS Device	QT000400
2	EOS	Current EOS Version in the POS Device	UPT 7.0.0
3	POS Application Version	Current POS Application Version in the POS Device	VER 7.1.0
4	EMV Version	Current EMV Version in the POS Device	VX 8.1.0
5	ADK Version	Current ADK Version in the POS Device	ADK 4.7.8.1
6	CTLS Version	Current CTLS Version in the POS Device	VX - CTLS - 2-01-30,13A6-6
7	RFU	Reserved for Future	
8	RFU	Reserved for Future	
9	RFU	Reserved for Future	
10	RFU	Reserved for Future	

Hardware Details

Field Order	Field Name	Field Description	Sample Value
			0 - Not Connected / Not
1	Power Connected	Currently Power Connected or not	Charging
			1 - Connected
2	Battery Percentage	Current POS Device Battery Percentage	79
		Current POS Device Network Signal Percentage ,	60 - Single Sim
3	Signal Percentage	If Dual Sim Pass both ISP Signal Strength Separated by	60/39 - Dual Sim
		#(Character)	(60 - SIM 1 , 39 - SIM2)
	Printer Status		0 - Not working
4		Current POS Device Printer Status	1 - Working Properly
"			2 - Maintaince Required
			XXXXXXX - Single Sim
5	INetwork Provider Name	Current POS Device Network Service Provider ,	XXXXXXX/YYYYY - Dual Sim
		If Dual Sim Pass both ISP Name Separated by #(Character)	(XXXXXX - SIM 1 ,YYYYY -
		, (*******)	SIM2)
			·

6	ISIM No	Current POS Device SIM NO , If Dual Sim Pass both SIM NO Separated by #(Character)	12345 - Single Sim 12345/67890 - Dual Sim (12345 - SIM 1 ,67890 - SIM2)
7	RFU	Reserved for Future	
8	RFU	Reserved for Future	
9	RFU	Reserved for Future	
10	RFU	Reserved for Future	

Geolocation

Field Order	Field Name	Field Description	Sample Value
1	Longitude	Current Geo Location Longitude Points	1967814.0008
2	Latitude	Current Geo Location Latitude Points	78944413.115
3	SIM IP	Current Connection made SIM IP Address	214.1.25.155
4	RFU	Reserved for Future	
5	RFU	Reserved for Future	

Payment Statistics

Field Order	Field Name	Field Description	Sample Value
4	T. IN 60 IT	Current Total NO. of TXN's Stored in POS Device	
1	Total No. of Card Transactions	Card Scheme	6
2	Card Name	Card Scheme name	Master
3	Total debit Transaction Count	Total debit TXN's count based on #2 (Payment Statistics)	6
4	Total Credit Transaction Count	Total credit TXN's count based on #2 (Payment Statistics)	2
	Total debit Transaction Amount	Sum of debit TXN's Amount based on	
5		#2 (Payment Statistics)	6000
-	ITotal Credit Transaction Amount	Sum of Credit TXN's Amount based on	
6		#2 (Payment Statistics)	2000
7	RFU	Reserved for Future	
8	RFU	Reserved for Future	
9	RFU	Reserved for Future	
10	RFU	Reserved for Future	

```
Sample JSON Format:
var TerminalHealthCheck = [
                                            {
                                                   Module: "M1",
                                                   M1F1: "VX520",
                                                   M1F2: "12345678",
                                                   M1F3: "ISO*100",
                                                   M1F4: "214.1.25.155",
                                                   M1F5: "1",
                                                   M1F6: "2021-01-11 14:47:00",
                                                   M1F7: "1",
                                                   M1F8: "2021-01-12 14:47:00",
                                                   M1F9: "LAN",
                                                   M1F10:"1",
                                                   M1F11:"123456789012",
                                                   M1F12:"0123456789",
                                                   M1F13:"",
                                                   M1F14:"",
                                                   M1F15:"",
                                            },
                                            {
                                                   Module: "M2",
                                                   M2F1: "M550-104-21-EUA-5",
                                                   M2F2: "401-626-699",
                                                   M2F3: "942669824/12000000",
                                                   M2F4: "942669824/12000000",
                                                   M2F5: "869092034657954",
                                                   M2F6: "H470-07-3V-130-31-B1",
                                                   M2F7: "A0C9A039796C",
                                                   M2F8: "60C798BBF1ED",
                                                   M2F9: "",
```

M2F10:"",

```
M2F11:"",
        M2F12:"",
        M2F13:"",
        M2F14:"",
        M2F15:"",
},
{
        Module: "M3",
        M3F1: "QT000400",
        M3F2: "UPT 7.0.0",
        M3F3: "VER 7.1.0",
        M3F4: "VX 8.1.0",
        M3F5: "ADK 4.7.8.1",
        M3F6: "VX-CTLS-2-01-30,13A6-6",
        M3F7: "",
        M3F8: "",
        M3F9: "",
        M3F10:"",
        M3F11:"",
        M3F12:"",
        M3F13:"",
        M3F14:"",
        M3F15:"",
},
{
        Module: "M4",
        M4F1: "1",
        M4F2: "79",
        M4F3: "60/39",
        M4F4: "1",
        M4F5: "XXXXXXX/YYYYYY",
        M4F6: "12345/67890",
```

```
M4F7: "",
          M4F8: "",
          M4F9: "",
          M4F10:"",
          M4F11:"",
          M4F12:"",
          M4F13:"",
          M4F14:"",
          M4F15:"",
},
{
          Module: "M5",
          M5F1: "1967814.0008",
          M5F2: "78944413.115",
          M5F3: "214.1.25.155",
          M5F4: "",
          M5F5: "",
          M5F6: "",
          M5F7: "",
          M5F8: "",
          M5F9: "",
          M5F10:"",
          M5F11:"",
          M5F12:"",
          M5F13:"",
          M5F14:"",
          M5F15:"",
},
{
          Module: "M6",
          M6F1: "2",
          M6F2: "MASTER#VISA",
```

```
M6F3: "6#5",
M6F4: "2#1",
M6F5: "6000#3200",
M6F6: "2000#1200",
M6F7: "",
M6F8: "",
M6F9: "",
M6F10:"",
M6F11:"",
M6F13:"",
M6F13:"",
M6F15:"",
},
```

Reference Links:

https://forums.asp.net/t/2126584.aspx?Webservice+get+json+parameter