UPDATE STATUS

This command will query the status of a VHQ update.

> Note
>
> This command is supported by Engage devices only.

Prerequisites: The terminal should be fully initialized on Idle screen.

Device UI Required: No

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	SECONDARYPORT	Type of function.
COMMAND	Required	Static value	N/A	N/A	UPDATE_STATUS	Command name
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. **Example:** RetailPOS1
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is used to authenticate the POS. **Example:** 100
MAC	Required	Base64 Encoded Data	N/A	N/A		Message Authentication Code. This is used to authenticate the POS.

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
MAC_LABEL	Required	Character	1	50		Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. This is used to authenticate the POS. **Example:** REG1

Example

Following is an example of request packet

```
<TRANSACTION>
<FUNCTION_TYPE>SECONDARYPORT</FUNCTION_TYPE>
<COMMAND>UPDATE_STATUS</COMMAND>
</TRANSACTION>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **Example:** Operation SUCCESSFUL
RESULT	Character		This indicates the Result details. **Example:** OK
RESULT_CODE	Numeric	Expected result code: -1, 59006, 59001	This indicates the result code. Refer to Result/Error Codes for details.

Field	Type	Value	Description
TERMINATION_STATUS	Character	SUCCESS and FAILURE	This indicates the transaction termination status. This is the overall status of the transaction irrespective of approved or declined. Like, if the output is generated then the status is SUCCESS and if no output is generated then the status will be FAILURE.
SECONDARY_DATA	Numeric	Valid Values: • 0 – No Updates • 1 – Updates Available • 2 - Updates are in Progress • 3 - UPDATE SUCCESS • 4 - UPDATE FAILED • 5 - UPDATE SUCCESS REBOOTING... • 6 - UPDATE SUCCESS RESTARTING APPLICATION...	This indicates the status of the secondary data upon sending the queries for VHQ updates. Refer to Secondary Data Values for all the secondary data value.
DETAILED_STATUS	Numeric	Refer to Detailed Status Values for all the status codes and description.	Returns the status code.
MACLABEL_IN_SESSION	Character		MACLABEL is in session. This is applicable when session is in progress.
SESSION_DURATION	Character		The duration of the session. This is applicable when session is in progress. **Example:** HH:MM:SS

Field	Type	Value	Description
INVOICE_SESSION	Character		Invoice number supplied by the POS Start Session for the session that is in progress. Only applicable when session is in progress. This field is applicable when session is in progress. **Example:** /06/2015 20:13:
DEVICENAME	Character		This indicates the serial number of the terminal. **Example:** LANE1
SERIALNUMBER	Character		This indicates the serial number of the terminal. **Example:** 987654321
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** RetailPOS1
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 100

Transaction Performance Metric

Note

These fields are returned, if SCAPERFMETRIC parameter (Application Parameters) is enabled.

Field	Type	Value	Description

UI_TIME	Time		This indicates the time duration, for which the device screen is displayed (like error message, prompt screen, remove card screen) till any user action is performed in the command execution flow. This field is not applicable to capture the time for the Processing, Authorizing and transaction status screen. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<UI_TIME>44.028</UI_TIME>`
HOST_TIME	Time		This indicates the time taken for the Connection to the host, sending request and receives data from the host. This field also take the cumulative time for multiple requests which may sent to the host during the transaction including two legged transactions, timeout requests, Auto Last Tran requests, DCC, Credit app proxy. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<HOST_TIME>1.389</HOST_TIME>`

CMD_TIME	Time		This field indicates the total amount of time for a command, which is executed by the application from request received to the response sent. The format of the returned value would be S.sss, where S is seconds (this can be 0 to any positive integer) and sss is milliseconds. In case of any insignificant time or 0.000 value, will not be returned in the response. **Example:** `<CMD_TIME>70.765</CMD_TIME>`

Example

Following is an example of response packet

```
<RESPONSE>
<RESPONSE_TEXT>Operation SUCCESSFUL</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<SECONDARY_DATA>0</SECONDARY_DATA>
<INVOICE_SESSION>/06/2015 20:13:</INVOICE_SESSION>
<SERIALNUMBER>987654321</SERIALNUMBER>
</RESPONSE>
```