

APPLY UPDATES

This command allows the POS to signal the device to immediately apply any pending updates from VHQ. SCA will inform VHQ to defer the updates if a transaction is in progress.

Device UI Required: Yes

Request Packet

Field	Rule	Type	Min	Max	Value	Comments
FUNCTION_TYPE	Required	Static Value	•	•	ADMIN	Type of function
COMMAND	Required	Static Value	•	•	APPLYUPDATES	Command name
COUNTER	Required	Numeric	1	10	Ex: 100	COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. NOTE: Used to authenticate the POS.
MAC	Required	Base64 Encoded Data	•	•		Message Authentication Code. COUNTER value encrypted by 128-AES MAC_KEY. This value is Base64 encoded. NOTE: Used to authenticate the POS.
MAC_LABEL	Required	Character	1	50	Ex: REG1	Associated label that tells the device which MAC_KEY to use to decrypt the value of MAC. NOTE: Used to authenticate the POS.

Example

Following is an example of request packet

```

<TRANSACTION>
<FUNCTION_TYPE>ADMIN</FUNCTION_TYPE>
<COMMAND>APPLYUPDATES</COMMAND>
<FLAG>TRUE</FLAG>
<COUNTER>1</COUNTER>
<MAC> ... </MAC>
<MAC_LABEL>REG2</MAC_LABEL>
</TRANSACTION>

```

Response Packet

Field	Type	Value	Comments
RESPONSE_TEXT	Character	Ex: Updates Approved	Processor response text
RESULT	Character	Ex: OK	This indicates the Result details.
RESULT_CODE	Numeric	-1 59002 59005 59040 59045	This indicates the result code. NOTE: Refer to Result/Error Codes section.
TERMINATION_STATUS	Character	SUCCESS or 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.
TIME	Character	Ex: 20160521122005	Current time in YYYYMMDDhhmmss format. SCA is required to query and return the current date/time after it is set.
POS_RECON	Character	Ex: RetailPOS1	POS reconciliation field echoed back if sent in request.
COUNTER	Numeric	Ex: 100	Last counter used for the given MAC label.

Example

```
<RESPONSE>
<RESPONSE_TEXT>SUCCESS</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<COUNTER>1</COUNTER>
</RESPONSE>
```