VERSION

This command retrieves version information for all applications running on the payment device that are components of Point SCA.

Device UI Required: No

Request Packet

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
FUNCTION_TYPE	Required	Static value	N/A	N/A	DEVICE	Type of function
COMMAND	Required	Static value	N/A	N/A	VERSION	Command name
DISPLAY_VERSION	Optional	Numeric	1	1	• 0 – Default • 1 – Display System Information for SYSINFOINTERVAL ([Application Parameters](#))	This is to display the retrieved version.
POS_RECON	Optional	Character	1	30		POS reconciliation. POS Reconciliation field to be echoed back in response to POS. **Example:** RetailPOS1

Field	Rule	Type	Minimum	Maximum	Value(s)	Description
COUNTER	Required	Numeric	1	10		COUNTER is used for a given MAC label. Each COUNTER should be higher than the last one. This is sed to authenticate the POS. **Example:** 7
MAC	Required	Base64 Encoded Data	N/A	N/A	N/A	Message Authentication Code. This is used to authenticate the POS.
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>DEVICE</FUNCTION_TYPE>
<COMMAND>VERSION</COMMAND>
<DISPLAY_VERSION>0</DISPLAY_VERSION>
 //0 – Terminal will not display system information          screen when the comma
//1 - Terminal will display system information screen when the command is receive
<COUNTER>7</COUNTER>
<MAC> … </MAC>
<MAC_LABEL>REG2</MAC_LABEL>
</TRANSACTION>
```

VERSION_INFO (Engage) Example

```
<VERSION_INFO>
SCA-FDRC_VER=4.0.5-39|NAFG_VER=Vos-4.0.2-5|CAM_VER=19.01.06|ADK_VER=4.4.3-128
</VERSION_INFO>
```

Response Packet

Field	Type	Value	Description
RESPONSE_TEXT	Character		Processor response text. **Example:** Version Information Captured or MSG_VERSION_CAPTURED (Vantiv Direct)
RESULT	Character		This indicates the Result details. **Example:** OK
RESULT_CODE	Numeric	Expected result code: -1, 59006, 59040	This indicates the result code. Refer to [Result/Error Codes](#) for details.
TERMINATION_STATUS	Character	SUCCESS or FAILURE	This indicates the transaction termination status. This is the overall st... irrespective of approved or declined. Like, if the output is generated t... and if no output is generated then the status will be FAILURE.
VERSION_INFO	Character		Version information for all applications running on the payment devic... will differ. See Example Response section below. **Example:** `SCA_VI vrx|CAM_VER=V_290A11|VXCI_VER=V_360Z|VXCOM_VER=` `6.4|COM_VER=V_2.5.3-137|SEC_VER=V_1.4.6-541|UGI` `|NAFG_VER=V_1.0.0-19`
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** Re...
COUNTER	Numeric		Echoes counter sent in the request. **Example:** 7

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>`

Field	Type Value	Description
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>Version Information Captured</RESPONSE_TEXT>
<RESULT>OK</RESULT>
<RESULT_CODE>-1</RESULT_CODE>
<TERMINATION_STATUS>SUCCESS</TERMINATION_STATUS>
<VERSION_INFO>
 SCA_VER=V_4.0.1-13-vrx|CAM_VER=V_290A11|VXCI_VER=V_360Z|VXCOM_VER=V_540|VMAC_VER
</VERSION_INFO>
</RESPONSE>
```