Device Name Query

This command retrieves the device name stored on the payment device.

Rules

The GET_DEVICENAME command is intended for non-payment purposes and is to be used outside of a payment transaction.

Configuration Parameters

Following are the related configuration parameters for this functionality. Refer to Application Parameters table for the parameter details.

- DEVICENAME
- DEVICENAMEENABLED

Note

Device Name Query functionality is independent of any configurable parameters. However, when the above mentioned parameters are set to the required, Device name query responses with that value in the DEVICENAME field.

GET_DEVICENAME (Message Interface)

The following tables provide detailed protocol information, including field descriptions and examples.

Device UI Required: No

Request Packet

Note

Neo device (M450) is being used to capture screenshots for the Device UI Requirement section.

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	GET_DEVICENAME	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	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>GET_DEVICENAME</COMMAND>
</TRANSACTION>
```

Response Packet

Field	Type	Value

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, 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 and if no output is generated then the status will be FAILURE.
DEVICENAME	Character		Device name stored on the payment device. May be null if no device
POS_RECON	Character		POS reconciliation field echoed back if sent in request. **Example:** Re
MAC_LABELS	List		List of MAC labels. **Example:** P_29K19J|P_48HDYL|P_6GQCE5|P_6JP4D7|P_7528ZO|P_7WO2P
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>
        <DEVICENAME>POINTSCA</DEVICENAME>
        <MAC_LABELS>
P_29K19J|P_48HDYL|P_6GQCE5|P_6JP4D7|P_7528ZO|P_7WO2PW|P_89G499|P_9BGLEO|P_FEZ2AP
</MAC_LABELS>
        <COUNTER>26</COUNTER>
</RESPONSE>
```