



https://verifone.cloud/docs/sca-functional-specification/protocol_spec/administration/test_mac

Updated: 23-Jul-2025

TESTMAC

This command is used for validating the MAC.

Device UI Required: No

Request Packet

Field	Rule	Type	Min	Max	Value	Comments
FUNCTION_TYPE	Required	Static Value	NA	NA	SECURITY	Type of function.
COMMAND	Required	Static Value	NA	NA	TEST_MAC	Command name
MAC_LABEL	Required	Character	1	50	Got during REGISTER	MAC label assigned to POS during original REGISTER transaction
MAC	Required	Base64 Encoded Data	NA	NA		COUNTER value encrypted by 128-AES MAC_KEY. This value is Base64 encoded
COUNTER	Required	Numeric	1	10		The value of counter is incremented by the POS for each request. Min value: 1 and Max value: 4294967295

Response Packet

Field	Type	Value	Comments
RESPONSE_TEXT	Character	Match	
RESULT	Character	OK or Error Code	Refer to <Error Section>
RESULT_CODE	Numeric	-1, 59001, 59020, 59040, 59051,	
TERMINATION_STATUS	Character	SUCCESS or Error Codes	
COUNTER	Numeric	Value entered by user	Echoes counter sent in the request