



https://verifone.cloud/docs/sca-functional-specification/config_params/general_params/saf_params

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Store and Forward Parameters

This table describes the required parameters used for store and forward (SAF) transaction configurations.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
ALLOWREFUNDTOSAF	This parameter is used to allow the SAF of CREDIT/Refund transactions.	<ul style="list-style-type: none"> 0 - Disable 1 - Enable 	1
ALLOWVOIDTOSAF	This parameter is used to allow the SAF of VOID transactions.	<ul style="list-style-type: none"> 0 - Disable 1 - Enable 	0
ALLOWPRIVLBLTRANSTOSAF	This parameter is used to enable or disable SAF feature for private label transaction.	<ul style="list-style-type: none"> 0 – Disables SAFing for the PRIV_LBL 1 – Enables SAFing for the PRIV_LBL 	0
ALLOWCOMPLETIONTOSAF	This parameter is used to enable or disable SAF for transactions completion.	<ul style="list-style-type: none"> 0 – Disabled 1 - Enabled 	<ul style="list-style-type: none"> 0 1 for Chas and Wor
ALLOWGIFTACTIVATETOSAF	This parameter is used to enable or disable SAF for gift card activation.	<ul style="list-style-type: none"> 0 – Disabled 1 - Enabled 	0
ALLOWPAYACCOUNTTOSAF	This parameter is used to enable or disable SAF for payment of account transactions.	<ul style="list-style-type: none"> 0 – Disabled 1 - Enabled 	0

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
ALLOWPREAUTHTOSAF	This parameter is used to enable or disable SAF for PreAuth transactions.	<ul style="list-style-type: none"> • 0 – Disabled • 1 - Enabled 	0
ALLOWGIFTTRANSTOSAF	This parameter is used to enable or disable SAFing of Gift transactions.	<ul style="list-style-type: none"> • Y – Yes • N – No 	N
ALLOWOFFLINETRANTOGOWITHONLINE	This parameter is used to enable or disable SAF transaction for post parallel with online transaction. If this parameter is set to 0 (Disable), then no session in progress allows SAF records to be posted (SAF).	<ul style="list-style-type: none"> • 0 - Disable • 1 - Enable 	0
CHECKFLOORLIMITTOSAFREFUND	This parameter is used to allow checking SAF floor limit for refund transactions.	<ul style="list-style-type: none"> • 0 - Do not check floor limit for SAF Refund • 1 - Checks floor limit for SAF Refund 	<ul style="list-style-type: none"> • 1 • 0 for Wor
DAYSLIMIT	This parameter is used to enable or disable control number of days oldest SAF transaction may be present before refusing additional SAF approvals.	Numeric, 3	<ul style="list-style-type: none"> • 7 • 5 for Wor
FORCESAFDUPTRAN	This parameter is used to enable or disable retry of duplicate SAF transactions setting FORCE_FLAG to true.	<ul style="list-style-type: none"> • 0 - Disable • 1 - Enable 	0
MAXSAFDECLINERETRY	This parameter is used to set the maximum number retries for allowing SAF Edit to move the transaction from DECLINED/ NOT PROCESSED status to ELIGIBLE.	Numeric, 2 digits. Ranges from 0 – 99	3 times
NUMTOFORWARDATINTERVAL	This parameter is used to specify number of SAF transactions to forward at intervals.	Numeric, 2	2
OFFLINETERMCAP	When device is offline, the value set in this parameter will be used instead of Terminal capabilities present in EMVTABLES.INI. This field will accept similar values as terminal capabilities in EMVTABLES.INI.	Alphanumeric, 6	<ul style="list-style-type: none"> • NUL • In Fl defa valu EOB

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
SAFENABLED	This parameter is used to enable or disable store and forward mode.	<ul style="list-style-type: none"> • 0 - Disable • 1 - Enable 	<ul style="list-style-type: none"> • 1 • 0 for Chas and Wor
SAFMAXPENDINGTRAN	Maximum number of transactions that may be stored in the store/fwd batch before transactions must be forwarded to the host. The default value 0 indicates that application allows to SAF any number of transactions without limitation until the SAF Total Limit or SAF days limit is reached. SAF Days limit indicates maximum number of days where transactions can be SAFed continuously while being offline.	Numeric, 3	0
SAFONLINEPIN	This is used for the Online PIN EMV Transactions for Credit and Auto Select Payment types.	<ul style="list-style-type: none"> • 0 - Disable SAF for Online PIN EMV • 1 - Allow SAF of EMV Online PIN with Credit Payment Type • 2 - Allow SAF of EMV Online PIN with Credit or Auto Select (Credit/Debit) Payment Type. <p>NOTE: Debit Transactions with Cashback will not be allowed to SAF.</p>	0
SAFPINGINTERVAL	This parameter is used to set the duration in minutes between which the device pings the gateway.	Numeric	2

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
SAFPOSTINTERVAL	Time interval, in minutes, between successive SAF transaction uploads.	Numeric, 2	5
SAFPURGEDAYS	This parameter controls the number of days in which a SAF transaction will remain in the SAF database before it is deleted. SAF transactions (marked “processed” or “Not Processed”) residing in the database equal to or greater than the number of days indicated in SAFPURGEDAYS will be deleted. The application will check this parameter at the start of the SAF Forwarding Process. NOTE: Purging of SAF records should happen based on the date when transaction was posted to the host.	Numeric, 2	<ul style="list-style-type: none"> • 15 • 10 for Chase and World
SAFRESPTIMEOUT	This parameter is used to enable or disable SAF for Transaction Response Timeout.	<ul style="list-style-type: none"> • 0 - Disabled • 1 - Enabled 	1
SAFTHROTTLINGENABLE	This parameter is used to enable or disable SAF throttling.	<ul style="list-style-type: none"> • 0 - Disabled • 1 - Enabled 	0
SAFTHROTTLINGINTERVAL	This parameter is used to set SAF throttling interval. This is to calculate the actual throttling interval by finding the modulus of device serial number. The parameter value is used as denominator.	Numeric, 3. Value is in seconds	300
SAFDEFERREDTRANRETRIES	SAF Deferred Transaction Retries.	Numeric, 2	3
SENDSAFDECLINEASPOSTAUTH	This parameter is used to enable or disable sending SAF Decline as post authorization. When SENDSAFDECLINEASPOSTAUTH is set to Yes, STORECARDFORPOSTAUTH is set to 1, and when a SAF transaction is processed over the transaction Floor Limit, this will end in Call for Voice Approval and the declined information will be saved.	<ul style="list-style-type: none"> • Y - Yes • N - No 	N

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default V
TOTALFLOORLIMIT	<p>The total (maximum) value (in dollars) of offline-approved transactions that may be in SAF at one time. NOTE: Force and Completion transactions will not be checked against TOTALFLOORLIMIT.</p> <p>This parameter is used to set the maximum transaction dollar amount, which a merchant wants to approve automatically while offline. This</p>	Numeric, 8	<ul style="list-style-type: none"> • 5000 • 5000 <p>for Wor</p>
TRANSACTIONFLOORLIMIT	<p>parameter is used in conjunction with safrtransactionfloorlimit in PMEBIN.db (using the BIN range) for MSR and safrtransactionfloorlimit in AIDList.XML for EMV cards.</p>	Numeric, 8	<ul style="list-style-type: none"> • 1000 • 5000 <p>Wor</p>