



https://verifone.cloud/docs/sca-functional-specification/config_params/host_specific_params/host_fdrc

Updated: 20-May-2025

FDRC Parameters

This section contains parameters that are unique for First Data Rapid Connect solution. Ensure that the following parameters are set up correctly:

- IPPAH1 – stg.dw.fdcnet.biz/rc
- SAUTHURL1 – stg.dw.us.fdcnet.biz/rc

If a parameter DLD name (config.usr1) value has an underscore (_) at the end of the name, this signifies that parameter requires a record index. This means that the data is organized as a table, so you must specify which record in the table you want to update. These parameters are used in multi-store/multi-merchant accounts to identify data associated to a specific store or location.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
ADMINURL_1	This parameter holds the URL for Device Registration for FDRC.	Alphanumeric, 50	stg.dw.us.fdcnet.biz
ALLOWGIFTTRANSTOSAF	This parameter is used to allow SAFing of Gift transactions.	• n - Disabled • y - Enabled	n
AMERHCNT	This parameter is used to set the alternate merchant country. NOTE: This parameter has an underscore (_) at the end of the name.	Alphanumeric, 50	<blank>
AMERHCTR	This parameter is used to set the alternate merchant country. NOTE: This parameter has an underscore (_) at the end of the name.	Alphanumeric, 50	<blank>
AMERHCTY	This parameter is used to set the alternate merchant city. NOTE: This parameter has an underscore (_) at the end of the name.	Alphanumeric, 50	<blank>

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
AMERCHNM	This parameter is used to set the alternate merchant name. NOTE: This parameter has an underscore (_) at the end of the name.	Alphanumeric, 50	<blank>
AMERCHST	This parameter is used to set the alternate merchant state. NOTE: This parameter has an underscore (_) at the end of the name.	Alphanumeric, 50	<blank>
AMERCHZIP	This parameter is used to set the alternate merchant zip code. NOTE: This parameter has an underscore (_) at the end of the name.	Alphanumeric, 50	<blank>
AMPC	This parameter is used to enable or disable multi-socket behavior for primary port.	• 0 - Disabled • 1 - Enabled	1
AMSC	This parameter is used to enable or disable multi-socket behavior for secondary port.	• 0 - Disabled • 1 - Enabled	1
AUTOREGISTERHOST_1	This parameter is used to enable or disable host auto registration, if not registered.	• 0 - Disabled • 1 - Enabled	0
BATTLOWWARNING	Battery Threshold at which a unsolicited warning message is sent to POS.	Numeric, 2	20 (20%)
CANDEBIT	This parameter is used to enable or disable Canadian debit transaction.	• 0 - Disabled • 1 - Enabled	0
COMMERCIALCARDSP	This parameter is used to identify the Commercial Card Response. NOTE: This parameter has an underscore (_) at the end of the name.	• Y - Yes • N - No • P - Purchase Card	[empty]
CSVCPHONE_1	This parameter is used to set the Customer Phone Number Default - Sent in the CustSvcPhoneNumber.	Numeric, 16	0
CURRCODE1	This parameter is used to set Currency code.	Numeric, 3	840

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
CURRENCYIDX	This parameter is used to set the index for currency table. NOTE: It is not recommended to change, since there is support for USD by default. NOTE: This parameter has an underscore (_) at the end of the name.	• 0/1 - USD • 2 - Peso • 3 - CAN • 4 - Euro	0
CVV2ENCRYPT	This parameter is used to enable or disable CVV encryption.	• 0 - Disabled • 1 - Enabled	1
CXNTIMEOUT_1	This parameter sets the duration of time in seconds for which the device waits on host response. If the host response is not received in this specified time, then the application ends the connection with Comm Error.	Numeric, 2	10
DATAWIREUSERAGENT	Application Details to Datawire. NOTE: This parameter has an underscore (_) at the end of the name.		SCA Engage FDR v4.0.x
DBVOID	This parameter enables or disables prompting capture of card details for debit void.	• 0 - Disabled • 1 - Enabled	0
DEBITOFFPIN CVM	This parameter is used to allow Offline PIN CVM as Debit	• Y - yes • N - no	N

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
DEFERREDAUTHIND	This parameter is used to enable or disable whether deferred authorization indicator needs to be sent in the request, based on card scheme. Setting a value of 0 or 1 to the corresponding position, will enable or disable sending of deferred authorization indicator for that card type. For example, the value of 100000000 will send deferred indicator for visa only. Below are positions of different card labels in 9 characters value. • visaPosition • mastercardPosition • amexPosition • dinersPosition • discoverPosition • jcbPosition • ppayclPosition • interacPosition • otherPosition	NOTE: Each bit contains either 0 or 1. • 0 - Disable • 1 - Enable	[empty]
DELAYTOR_1	This parameter sets duration of Datawire delay timeout.	Numeric, 2	40
DESCRIPTIVEENTRYMODE	This parameter is used to enable or disable detailed card entry mode.	• n - Disable • y - Enable	n
DEVBATID_1	This parameter is used to enable or disable sending Device Batch ID field to host.	• 0 - Indicates disabled (It will not send the field to host) • Other value - It will send file to host. Maximum 4 alphanumeric characters are allowed. This is valid for standalone and semi integrated devices.	0

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
DEVICETIMEZONE	This parameter sets to indicate Time zone of terminal.	Few Possible Time zone values: • US/Alaska • US/Aleutian • US/Arizona • US/Central • US/Eastern • US/East-Indiana • US/Hawaii • US/Indiana-Starke • US/Michigan • US/Mountain • US/Pacific • US/Samoa • Asia/Calcutta • Canada/Atlantic • Canada/Central • Canada/ Eastern • Canada/Mountain • Pacific/Auckland • Pacific/Samoa • CET	US/Eastern
DHCP_ENABLED	This parameter is used to enable or disable Dynamic Host Configuration Protocol. NOTE: This parameter has an underscore (_) at the end of the name.	• 0 - Disabled • 1 - Enabled	1
EMVSETUPREQD	This parameter is used to handle CAPK keys from Host.	• 0 - Disables CAPK update from Host • 1 - Updates CAPK only if Host and terminal are out of sync • 2 - Updates CAPK Keys from Host forcefully	1

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
ENABLERVERVAL	The Enabler Verification Value tag holds a network-assigned identifier used by payment networks to recognize enablers. This enabler often serves as the primary point of contact for merchants and originators. This Enabler Verification Value tag is applicable to VISA CREDIT card transactions processed under GMF version 15.04 or higher. The tag can be configured using the ENABLERVERVAL parameter.	Alphanumeric, 8	<blank>
FORCEPW	This parameter is used to enable or disable password for Force transactions.	• 0 - Disabled • 1 - Enabled	1
FULLLIDISPLAYENABLED	This parameter is used to enable or disable full screen line item display.	• 0 - Disabled • 1 - Enabled	0
GIFTCARDAUTOAMOUNT	This parameter sets the minimum amount for Auto Cash out.	Numeric, 8	500
GIFTCASHOUTENABLED	This parameter is used to enable or disable cash out for gift cards.	• 0 - Disabled • 1 - Cash out enabled • 2 - Autocashout enabled	1
GMFVERSION_1	GMF Version is the FDRC schema version. It can change per TPPID. By making this a configurable parameter, the SCA Engage application does not require a software change when moving to a new TPPID project.	Host-defined	7.06
GROUPID_1	This parameter is used to set the Group ID in Rapid Connect.	Numeric	10001
HOSTNAME_1	This parameter is used to set the Host name.	Alphanumeric, 15	First Data

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
HOSTPW_1	This parameter is used to set the host password used in HostTotals scenario.	Numeric, 6	123456
IDLECARDENTRYENABLED	This parameter is used to enable or disable idle card entry.	• n - Disable • y - Enable	y
INDUSTRY1	This parameter is used to set the Merchant's industry.	• Retail • Restaurant	Retail
JCBTERMCAP	This parameter is used to set the default JCB terminal capability.	Not to be changed	E0F8C8
KEEPALIVE_1	This parameter is used to enable or disable KeepAlive functionality.	• 0 – Disable • 1 - Enable	1
LOGFILELOCATION	This parameter is used to set the SCA application logs file location.	Use the default value /home/usr1/logs	/home/usr1/logs/
LOGFILESIZE	This parameter is used to set the maximum SCA application log file size.	Use the default value	1
MASK_RECEIPT	This parameter is used to mask the account number for Receipts.	L6R4, R4	R4
MAXLOGFILES	This parameter is used to set the maximum SCA application log backup files.	Use the default value	6
MCC_1	This parameter is used to set the merchant category code.	Numeric, 4	5399
MCONNRET_1	This parameter is used to set the maximum retries connect count.	• 0 – Disable • 1 - Enable	0
MERCHANTID_1	This parameter represents the Merchant ID, assigned by FDRC.	Alphanumeric, 16	<blank>
NOTIFYCARDENTRY	This parameter is used to enable or disable the card entry notification.	• 0 – Disabled • 1 - Enabled	0
ONLINEPINRETRYCODE	This parameter is used to set the online PIN incorrect code that is returned in Host response.	Numeric, 3	117

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
ONLINEPINRETRYCOUNT	This parameter is used to set the maximum number of retries for online PIN entered incorrectly.	0, 1, 2, 3	0
ONLINEREFUNDIND	This parameter is used to enable or disable online refund indicator. NOTE: This parameter has an underscore (_) at the end of the name.	• 0 - Disables online refund indicator • 1 - Enables online refund indicator	1
PACKETLOG	This parameter is used to enable or disable SCI request/response logging control.	• 0 - Disables Packet logging • 1 - Enables Packet logging	1
PARM_ADMINURL	This parameter holds the URL for Device Registration for FDRC.	Alphanumeric 128	
PINAUTHCAPABILITY	This parameter decides the terminal capability of PIN entry. This is used in FDRC Host request.	NOTE: The valid value for UX terminal is 2. • 0 - Unspecified • 1 - PIN entry capability • 2 - No PIN entry capability • 3 - PIN Pad inoperative • 4 - PIN verified by the terminal	1
PINLESSDEBIT	This parameter is used to control the pin less debit support.	• 0 - Disable • 1 - Enable	1
PPCLMID	This parameter is used to set the Valuelink Merchant ID.	Host-defined	43005657945
PRIMURL_1	This parameter is used to set the primary Auth URL.	Alphanumeric, 50	stg.dw.us.fdcnet.biz
PRIMINTERFACEDEVICENAME	This parameter is used to set the primary interface device name.	• eth0 - Ethernet1 • eth1 - Ethernet2 • wlan0 - Wireless • usb0 - IP over USB • gprs0 - GPRS	eth0

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
PRIMINTERFACETYPE	This parameter is used to set the primary interface device type.	• preconfigured - Pre-Configured • lan - Ethernet • wlan - WiFi • gprs - GPRS	lan
PRINTDECLINERECEIPT	This parameter is used to print Receipts for Decline transaction. This parameter is not applicable to EMV contact and EMV CTLS transactions.	• 0 – Disable • 1 - Enable	1
PRINTERERRORRECEIPT	This parameter is used to enable or disable printing of COMM Error Transactions.	• 0 – Disable • 1 - Enable	1
QUICKCHIP	This parameter is used to enable or disable Quickchip functionality.	• 0 - Disable • 1 - Enable	1
RECEIPTTIMEOUT	Timeout for Printing next Receipt in seconds.	Numeric, 2	3
REFERENCEONREFUND	This parameter is used to enable or disable transaction ID based refund.	• 0 - Disable • 1 - Enable	0
SCAAPPLOG	This parameter is used to set the SCA application logging control.	• 0 - Disables App logging • 1 - Enables App logging	1
SCNDLANG	This parameter is used to disable or set the secondary language code for dual language.	• 0 - Disable • en - English • fr - French • es – Espanol • de - German • ru - Russian • pt - Portuguese • it - Italian	0
SCNDURL_1	This parameter is used to set the secondary Auth URL.	Alphanumeric, 50	stg.dw.us.fdcnet.biz

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
SECINTERFACEDVICENAME	This parameter is used to set the secondary interface device name	• eth0 - Ethernet1 • eth1 - Ethernet2 • wlan0 - Wireless • usb0 - IP over USB • gprs0 - GPRS	<blank>
SECINTERFACETYPE	This parameter is used to set the secondary interface device type.	• preconfigured - Pre-Configured • lan - Ethernet • wlan - WiFi • gprs - GPRS	<blank>
SENDORDERNUM	This parameter is used to enable or disable sending Order Number.	• 0 - Disable • 1 - Enable	1
SETDEVICETIME	This parameter is used to activate the terminal to set the time.	• 0 - Disable • 1 - Enable	0
SHOWREVERSALPROCESSING	This parameter is used to enable or disable the reversing UI when reversing transaction is processed. NOTE: This parameter has an underscore (_) at the end of the name.	• 0 - Disable • 1 - Enable	1
SIGNATURECAPTURE	This parameter is used to enable or disable signature capture on touch devices for Semi-Integrated devices. This parameter is not applicable for Standalone mode.	• 0 - Disable • 1 - Enable	1
SOLMARKET	This parameter is used to set the market where the terminal is deployed.	• United States • Canada	United States
STARACCESSENABLED_1	This parameter is used to enable or disable access to Star network.	• 0 - Disable • 1 - Enable	1
STORECARDFORPOSTAUTH	This parameter is used to enable or disable store card details for Post Authorization.	• 0 - Disable • 1 - Enable	0

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value
STRIPMIDREQD_1	This parameter is used to control the application if the MID needs to be stripped of the leading zeroes in the device registration request.	• 0 - Does not remove the initial zeroes from the MID. • 1 - Strips the MID of the initial zeroes.	0
TABRAND_1	This parameter is used to set the brand for Transarmor.	Host-defined value	TEST1
TADOMAIN_1	This parameter is used to set the domain for Transarmor.	Host-defined value	VAR11
TATOKENTYPE_1	This parameter is used to set the Token type.	Host-defined value	1173
TERMINALID_1	This parameter is used to set the terminal ID.	Alphanumeric, 8	<blank>
THRESHOLD	This parameter is used to set the percentage of battery critical level.	Numeric, 0 to 99	10
TIPADJUSTALLOWED	This parameter is used to enable or disable tip adjust.	• 0 - Disabled • 1 - Enabled	1
TORRETRIES_1	This parameter is used to set the number of times TOR requests will be posted by the application.	Numeric, 3	3
TPPID_1	This parameter is used to set the TPPID.	Alphanumeric, 6	RVE048
TXNTIMEOUT_1	This parameter is used to set the transaction timeout in seconds.	Numeric, 6	35
USESESSION_1	This parameter is used to enable or disable Session Management.	• 0 - Disable • 1 - Enable	1
VEPSLIMIT	This parameter is used to set the Visa PIN entry bypass limit.	Numeric, 8	2000
VERBOSERECPTENABLED	This parameter is used to enable or disable printing of Verbose receipt.	• 0 - Disable • 1 - Enable	0
XPITIMEOUT	This parameter is used to set the timeout duration for EPP in milliseconds.	Numeric, 6	45000