



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

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Card Range Table (PMEBIN.db) Parameters

This table describes the required parameters used in PMEBIN.db. Each record contains the following parameters.

Note

These parameters are not included in PropertiesData.xml. They are in SQLite database.

Note

The following parameters have underscore (_) at the end of the name.

Config.usr1/Parameter DLD Name	Description	Valid/Max Values	Default Value	Properties
BINSIGNLIMIT	This parameter is used to set the Signature limit per card bin range. This is given priority over the SIGNATURELIMIT configuration. Example: 2500 indicates 25\$, 0 indicates prompts for all amounts.	Numeric, 8	[empty]	Signature
CVVPROMPT	This parameter is used to prompt the Card Verification Value based on the values provided.	Numeric, <ul style="list-style-type: none">• 0 – No CVV• 1 – If card not present• 2 – All manual entry	0	CVVPro
ENABLECARDRANGE	This parameter is used to enable or disable the CDT card range.	<ul style="list-style-type: none">• 0 – Disable• 1 – Enable	0	CardRa

Config.usr1/Parameter DLDName	Description	Valid/Max Values	Default Value	Properties
EXPDATECHECK	This parameter is used to enable or disable the verification of expiration date for each account number swiped or manually entered.	<ul style="list-style-type: none"> • 0 – Disable • 1 – Enable 	See Card Table Defaults	Expiration
LUHN	This parameter is used to enable or disable Luhn check.	<ul style="list-style-type: none"> • 0 – Disable • 1 – Enable 	See Card Table Defaults	LUHN
MANUALENTRYALLOWED	This parameter is used to enable or disable manual entry of account data.	<ul style="list-style-type: none"> • 0 – Disables manually entered account data. • 1 – Enables manually entered account data. 	See Card Table Defaults	Manual
PANHIGH	This parameter is used to set the higher delimiter for BIN range.	Numeric, 9	NA	PANHi
PANLOW	This parameter is used to set the lower delimiter for BIN range.	Numeric, 9	NA	PANLo
PINBYPASSALLOWED	This parameter is used to enable or disable PIN entry bypass for each BIN range. This parameter will be effective only if GIFTPINBYPASS parameter is enabled in case of GIFT transactions. NOTE: This parameter can also be set from the VHQ and config.usr1 by setting PINBYPASSALLOWED_10 = Y.	<ul style="list-style-type: none"> • Empty - This will not be considered and PIN Bypass will happen based on the existing parameter. • Y - PIN Bypass is allowed for the BIN range. • N - PIN Bypass is not allowed for the BIN range. 	N	PINBy

Config.usr1/Parameter DLDName	Description	Valid/Max Values	Default Value	Properties
PINENTRYALLOWED	This parameter is used to enable or disable PIN Entry for each BIN range. NOTE: This parameter can be configured through the VHQ. For example, if the user wants to set this parameter for the CDT index 10 then this PMEBIN parameter can be set as PINENTRYALLOWED_10 = Y in config.usr1 and from VHQ.	<ul style="list-style-type: none"> • Empty – this will not be considered and decision will be taken based on the value of GIFTPINREQ parameter. • Y – PIN Entry is allowed for the BIN range. For Gift, this based on the value of GIFTPINREQ. Example, if GIFTPINREQ parameter is set to 0, and even PINENTRYALLOWED is set to Y, Gift PIN will not be prompted. • N – PIN Entry is not allowed for the BIN range. 	N	PINENTR
SAFTRANSACTIONFLOORLIMIT	This parameter is used to set SAF transaction floor limits using BIN ranges. NOTE: If this parameter is not present, floor limit will be taken from TRANSACTIONFLOORLIMIT parameter.	Numeric, 8. NOTE: For Worldpay Petro, -1 is used as possible value to disable SAF transaction for several card ranges, like Debit, EBT, Gift and other Fleet card ranges, since they do not support SAF.	[empty]	saftrans

Card Table Defaults

Select records shown for illustration purposes.
Following are the Record table:

- [Record 00, 01, 03, 05, 12](#)
- [Record 18, 19, 20, 21, 22](#)
- [Record 33, 36, 42, 43, 44](#)

Record 00, 01, 03, 05, 12

Field	Parameter Name	Record 00	Record 01	Record 03	Record
1	CardAbbrev	VI	AX	MC	DS
2	CardLabel	VISA	AMEX	MASTERCARD	DISCOVER

Field	Parameter Name	Record 00	Record 01	Record 03	Record 04
3	CardRangeEnabled	1	1	1	1
4	CardType	CREDIT	CREDIT	CREDIT	CREDIT
5	CDTIndex	1	2	4	6
6	ChkSize	8	8	8	8
7	CVVPrompt	1	2	1	2
8	DualBranded	N	N	N	N
9	ExpirationDate	0	0	0	0
10	FallbackAllowed	1	1	1	1
11	HostCardType				
12	LUHN	1	1	1	1
13	ManualAllowed	1	1	1	1
14	PANHigh	49999999999999990000	34999999999999990000	55999999999999990000	6011039999
15	PANLow	40000000000000000000	34000000000000000000	51000000000000000000	6011000000
16	PANMax	19	15	19	19
17	PANMin	13	15	16	16
18	PCIBIN	1	1	1	1
19	PINBypassAllowed				
20	PINEntryAllowed				
21	Priority				
22	PromptAcctType				
23	QSREnabled	0	0	0	0
24	QSRReceiptOption	4	0	0	0
25	ReceiptLimitAmount	2500	0	0	0
26	CTLSReceiptLimitAmount				
27	SignatureLimitAmount	3000	0	0	0
28	SAFtransactionfloorlimit				

Record 18, 19, 20, 21, 22

Field	Parameter Name	Record 18	Record 19	Record 20	Record 21
1	CardAbbrev	BD	GF	EB	PL
2	CardLabel	DEBIT	GIFT	EBT	PRIV_LV
3	CardRangeEnabled	1	1	1	1
4	CardType	DEBIT	GIFT	EBT	PRIV_LV
5	CDTIndex	19	20	21	22
6	ChkSize	6	6	6	6
7	CVVPrompt	0	0	0	0
8	DualBranded	N	N	N	N
9	ExpirationDate	0	0	0	0

Field	Parameter Name	Record 18	Record 19	Record 20	Record 21
10	FallbackAllowed	1	1	1	1
11	HostCardType				
12	LUHN	1	0	1	1
13	ManualAllowed	0	1	1	1
14	PANHigh	10000000000000000000	6010569999999990000	10000000000000000000	10000000000000000000
15	PANLow	0	60105600000000000000	0	0
16	PANMax	19	19	16	16
17	PANMin	14	14	14	14
18	PCIBIN	0	0	0	0
19	PINBypassAllowed	N		N	N
20	PINEntryAllowed	Y		Y	N
21	Priority				
22	PromptAcctType				
23	QSREnabled	0	0	0	0
24	QSRReceiptOption	0	0	0	4
25	ReceiptLimitAmount	0	0	0	2500
26	CTLSReceiptLimitAmount				
27	SignatureLimitAmount	0	0	0	3000
28	SAFtransactionfloorlimit				

Record 33, 36, 42, 43, 44

Field	Parameter Name	Record 33	Record 36	Record 42	Record 43
1	CardAbbrev	VI	MC	ME	GF
2	CardLabel	VISA	MASTERCARD	MERCHANDISE	BLACKH
3	CardRangeEnabled	1	1	1	1
4	CardType	FSA	FSA	MERCH_CREDIT	GIFT
5	CDTIndex	41	44	51	
6	ChkSize	8	8	6	
7	CVVPrompt	1	0	0	0
8	DualBranded	N	N	N	
9	ExpirationDate	0	1	0	0
10	FallbackAllowed	1	1	1	
11	HostCardType			MERCH_CREDIT	
12	LUHN	1	1	0	
13	ManualAllowed	1	1	1	1
14	PANHigh	4999999999999990000	5099999999999990000	10000000000000000000	Starting P of the BIN range

Field	Parameter Name	Record 33	Record 36	Record 42	Record
15	PANLow	42642800000000000000	50000000000000000000	0	Ending PA the BIN ra
16	PANMax	19	19	20	Minimum length of I
17	PANMin	13	16	16	Maximum length of I
18	PCIBIN	1	1	0	
19	PINBypassAllowed				
20	PINEntryAllowed		Y		N
21	Priority				
22	PromptAcctType				
23	QSREnabled	0	0	0	
24	QSRReceiptOption	4	0	0	
25	ReceiptLimitAmount	2500	0	0	
26	CTLSReceiptLimitAmount				
27	SignatureLimitAmount	3000	0	0	
28	SAFtransactionfloorlimit				

Fleet Card Range Table

Following are the Record table for Fleet card range:

- [Record 45, 46, 47, 48](#)
- [Record 49, 50, 51, 52](#)

Record 45, 46, 47, 48

Field	Parameter Name	Record 45	Record 46	Record 47	Record 48
1	CardAbbrev	VI	VI	VI	VI
2	CardLabel	VISA	VISA	VISA	VISA
3	CardRangeEnabled	1	1	1	1
4	CardType	FLEET	FLEET	FLEET	FLEET
5	CDTIndex	37	38	39	40
6	ChkSize	6	6	6	6
7	CVVPrompt	0	0	0	0
8	DualBranded	N	N	N	N
9	ExpirationDate	1	1	1	1
10	FallbackAllowed	1	1	1	1
11	HostCardType				
12	LUHN	0	0	1	1

Field	Parameter Name	Record 45	Record 46	Record 47	Record 48
13	ManualAllowed	1	1	1	1
14	PANHigh	44855599999999999999	47617399999999999999	48084999999999999999	44855999999999999999
15	PANLow	44855300000000000000	47617300000000000000	48070600000000000000	44855800000000000000
16	PANMax	16	16	16	16
17	PANMin	16	16	16	16
18	PCIBIN	1	1	1	1
19	PINBypassAllowed	N	N	N	N
20	PINEntryAllowed	N	N	N	N
21	Priority				
22	PromptAcctType	N	N	N	N
23	QSREnabled	0	0	0	0
24	QSRReceiptOption	0	0	0	0
25	ReceiptLimitAmount	0	0	0	0
26	CTLSReceiptLimitAmount	0	0	0	0
27	SignatureLimitAmount	0	0	0	0
28	SAFtransactionfloorlimit	10000	10000	10000	10000

Record 49, 50, 51, 52

Field	Parameter Name	Record 49	Record 50	Record 51	Record 52
1	CardAbbrev	MC	WX	WX	VY
2	CardLabel	MASTERCARD	WEX	WEX	VOYAGER
3	CardRangeEnabled	1	1	1	1
4	CardType	FLEET	FLEET	FLEET	FLEET
5	CDTIndex	41	44	45	46
6	ChkSize	6	6	6	6
7	CVVPrompt	0	0	0	0
8	DualBranded	N	N	N	N
9	ExpirationDate	1	1	1	1
10	FallbackAllowed	1	1	1	1
11	HostCardType				
12	LUHN	1	0	0	1
13	ManualAllowed	1	1	1	1
14	PANHigh	55699999999999999999	69004699999999999999	70713899999999999999	70889999999999999999
15	PANLow	55600000000000000000	69004600000000000000	70713800000000000000	70880000000000000000
16	PANMax	16	19	19	19
17	PANMin	16	19	19	19
18	PCIBIN	1	0	0	0
19	PINBypassAllowed	N	N	N	N
20	PINEntryAllowed	N	N	N	N
21	Priority				

Field	Parameter Name	Record 49	Record 50	Record 51	Record 52
22	PromptAcctType	N	N	N	N
23	QSREnabled	N	0	0	0
24	QSRReceiptOption	0	0	0	0
25	ReceiptLimitAmount	0	0	0	0
26	CTLSReceiptLimitAmount	0	0	0	0
27	SignatureLimitAmount	0	0	0	0
28	SAFtransactionfloorlimit	10000	-1	-1	5000