

Server-to-Server Blacklist Editing

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About S2S Blacklist Editing in Paygate

General information about Server-2-Server blacklist editing

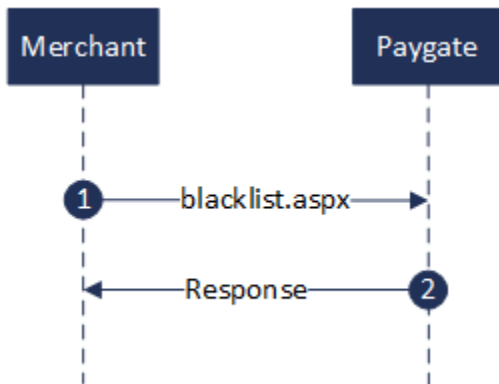
Scope: Right now, editing a blacklist can only be done via Analytics or via Merchant Services, this process is unfortunately slow and time consuming. Merchants needing to edit a huge number of transactions, or needing immediate control, including confirmation of the update done, requested this new Paygate feature. Computop will now be offering the possibility to edit a Blacklist via server-to-server.

Integration: A merchant should send a request to **blacklist.aspx** with usual parameters like MerchantID, Data and Length. In encrypted data, there must be a parameter EventToken for Insert, Update or Delete and a parameter BlackListInfo with all the information about the blacklist item. The value of BlackListInfo is a JSON-String. The Paygate first checks, if the merchant has the right to send such a request. Depending on the request result, it creates a BlackListInfo object and can perform the action insert, update or delete in the blacklist database. The next step is a response from the Paygate to the merchant. There will be a parameter Status, which can have the value OK or FAILED. In case of OK there will also be a parameter BlackListInfo which delivers all blacklist information as JSON-String. In case of FAILED there will be a parameter Description, which gives an indication why the request failed.

In order to block a card on several MerchantIDs at the same time, but without having to send a request for each MerchantID, it is possible to define a Master-MerchantID and various Sub-MerchantIDs. Then it is sufficient to send a request to the Master-MerchantID with the necessary data and the block will then also apply to all Sub-MerchantIDs at the same time.

If you are interested in this special function, please contact our Merchant Support so that the necessary configuration can be discussed and established.

Process flow chart



Process flow S2S Blacklist editing

Paygate interface

Definitions

Data formats

Format	Description
a	alphabetical
as	alphabetical with special characters
n	numeric
an	alphanumeric
ans	alphanumeric with special characters
ns	numeric with special characters
bool	boolean expression (true or false)
3	fixed length with 3 digits/characters
..3	variable length with maximum 3 digits/characters
enum	enumeration of allowed values
dtm	ISODateTime (YYYY-MM-DDThh:mm:ss)

Abbreviations

Abbreviation	Description	Comment
CND	condition	
M	mandatory	If a parameter is mandatory, then it must be present
O	optional	If a parameter is optional, then it can be present, but it is not required
C	conditional	If a parameter is conditional, then there is a conditional rule which specifies whether it is mandatory or optional

Notice: Please note that the names of parameters can be returned in upper or lower case.

Calling the interface for editing a blacklist

In order to Create, Read, Update or Delete a blacklist entry via server-to-server communication, go to the following URL:

<https://www.computop-paygate.com/blacklist.aspx>

Notice: For security reasons, Computop Paygate rejects all payment requests with formatting errors. Therefore, please use the correct data type for each parameter.

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
enum	enum	M	Abbreviation of the action to be done: <Create>, <Read>, <Update> or <Delete>
ans...1024	ans...1024	M	Information about the blacklist entry as JSON string in the Base64 format. See table BlackListInfo below.

Key	Format	CND	Description	Beschreibung
EventToken	enum	M	Abbreviation of the action to be done: <Create>, <Read>, <Update> or <Delete>	Abkürzung der auszuführender Aktion: <Create>, <Read>, <Update> oder <Delete>
BlackListInfo	ans...1024	M	Information about the blacklist entry as JSON string in the Base64 format. See table BlackListInfo below.	Information über den Blacklist-Eintrag als JSON-String im Base64-Format. Siehe Tabelle BlackListInfo unten.

Parameters for blacklist editing request

Notice: The BlackListInfo object is also provided back in response to EventToken Insert and Status "Failed" with Error Description = "Entry already exists". In this way the requestor can always receive back the unique BlockID when trying to insert a duplicated record.

The following table describes the result parameters with which the Computop Paygate responds to your system (pls. be prepared to receive additional parameters at any time):

Key	Format	CND	Description
MID	ans..30	M	MerchantID, assigned by Computop
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
BlackListInfo	ans..1024	C	Information about the blacklist entry as JSON string in the Base64 format, if Status=OK. See table BlackListInfo below.

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)	OK (URLSuccess) oder FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
BlackListInfo	ans..1024	C	Information about the blacklist entry as JSON string in the Base64 format, if Status=OK. See table BlackListInfo below.	Information über den Blacklist-Eintrag als JSON-String im Base64-Format, wenn Status=OK. Siehe Tabelle BlackListInfo unten.

Response parameters for blacklist editing request

BlackListInfo

The following table describes the BlackListInfo object for EventToken Insert:

Key	Format	CND	Description
Category	enum	M	Category <EDD> for direct debit or <CC> for credit card
ans..64	ans..64	M	IBAN, if Category=EDD Credit card number, if Category=CC
ans..32	ans..32	C	BIC, if Category=EDD

Parameters for blacklist editing, EventToken Insert

The following table describes the BlackListInfo object for EventToken Update:

Key	Format	CND	Description
BlockID	an..32	M	Unique BlockID
bool	bool	M	Defines, if the entry should be blocked or not. Blocked: <True> Unlocked: <False>

Parameters for blacklist editing, EventToken Update

The following table describes the BlackListInfo object for EventToken Delete:

Key	Format	CND	Description
BlockID	an..32	M	Unique BlockID

Parameters for blacklist editing, EventToken Delete

The following table describes the BlackListInfo object with which the Paygate responds:

Key	Format	CND	Description
BlockID	an..32	M	Unique BlockID
MID	ans..30	M	MerchantID, assigned by Computop
Category	enum	M	Category <EDD> for direct debit or <CC> for credit card
Number	ans..64	M	IBAN, if Category=EDD Credit card number, if Category=CC
BIC	ans..32	C	BIC, if Category=EDD
LockActive	bool	M	Defines, if the entry should be blocked or not. Blocked: <True> Unlocked: <False>
Created	dtm	M	Time of creation (YYYY-MM-DD hh:mm:ss)
Changed	dtm	M	Time of modification (YYYY-MM-DD hh:mm:ss)

Key	Format	CND	Description	Beschreibung
MID	ans..30	M	MerchantID, assigned by Computop	HändlerID, die von Computop vergeben wird

Key	Format	CND	Description	Beschreibung
Category	enum	M	Category <EDD> for direct debit or <CC> for credit card	Kategorie <EDD> für Lastschrift oder <CC> für Kreditkarte
Number	ans..64	M	IBAN, if Category=EDD Credit card number, if Category=CC	IBAN, wenn Category=EDD Kreditkartennummer, wenn Category=CC
BIC	ans..32	C	BIC, if Category=EDD	BIC, wenn Category=EDD
LockActive	bool	M	Defines, if the entry should be blocked or not. Blocked: <True> Unlocked: <False>	Definiert, ob der Eintrag gesperrt werden soll oder nicht. Gesperrt: <True> Entsperrt: <False>
Created	dtm	M	Time of creation (YYYY-MM-DD hh:mm:ss)	Zeit des Anlegens (YYYY-MM-DD hh:mm:ss)
Changed	dtm	M	Time of modification (YYYY-MM-DD hh:mm:ss)	Zeit der Änderung (YYYY-MM-DD hh:mm:ss)

Response parameters for blacklist editing request