

Additional optional authorization request parameters when using 3-D Secure 2.0 protocol

Name	Accepted values	Description
Email ¹	128 symbols	Cardholder E-mail
HomePhone ¹	15 symbols	The home phone number provided by the cardholder (with a country code)
WorkPhone ¹	15 symbols	The work phone number provided by the cardholder (with a country code)
MobilePhone ¹	15 symbols	The mobile phone number provided by the cardholder (with a country code)
shipAddrCountry ²	3 symbols	Country code of the delivery address applied to the specific order, format ISO 3166-1
shipAddrState ²	3 symbols	Regional or state code of the delivery address applied to a specific order, in accordance with ISO 3166-2
shipAddrCity ²	50 symbols	Delivery address city applied to a specific order
shipAddrPostCode ²	16 symbols	Post code of the delivery address applied to a specific order
shipAddrLine1 ²	50 symbols	Street, house, building, letter of delivery address applied to a specific order
shipAddrLine2 ²	50 symbols	Apartment delivery address applied to a specific order
CustomerID	32 symbols	Customer identifier in the merchant system (encoding or creating a related ID is recommended for data security). Parameter is <i>CustomerNumber</i> value, if the merchant uses the OneClick service
CustomerAccountAgeInd	2 symbols	Length of time that the cardholder has had the account with the merchant system: 01 – No account (guest check-out); 02 – Created during this transaction 03 – Less than 30 days; 04 – 30-60 days; 05 – More than 60 days.
CustomerAccountDate	8 symbols YYYYMMDD	Date that the cardholder opened the account with the merchant system
CustomerAccountChangeInd	2 symbols	Length of time since the cardholder's account information with the merchant system was last changed: 01 – Changed during this transaction; 02 – Less than 30 days; 03 – 30-60 days; 04 – More than 60 days.
CustomerAccountChange	8 symbols YYYYMMDD	Date that the cardholder's account with the merchant system was last changed
CustomerPasswordChangeInd	2 symbols	Indicates the length of time since the cardholder's account with the merchant system had a password change or account reset: 01 – No change; 02 – Changed during this transaction ; 03 – Less than 30 days; 04 – 30-60 days; 05 – More than 60 days.
CustomerPasswordChange	8 symbols YYYYMMDD	Date that cardholder's account with the merchant system had a password change or account reset.
shipAddressUsageInd	2 symbols	Indicates when the shipping address used for this transaction was first used with the merchant system. 01 – This transaction; 02 – Less than 30 days; 03 – 30-60 days; 04 – More than 60 days.

shipAddressUsage	8 symbols YYYYMMDD	Date when the shipping address used for this transaction was first used with the merchant system.
shipNameIndicator	2 symbols	Indicates if the cardholder name on the account is identical to the shipping name used for this transaction: 01 – Account name identical to shipping name; 02 – Account name different than shipping name.
merchantRiskIndicator	JSON Data Type: Object	Merchant's assessment of the level of fraud risk for the specific authentication for both the cardholder and the authentication being conducted. See the Table "Merchant Risk Indicator".
suspiciousAccountActivity	2 symbols	Indicates whether the merchant has experienced suspicious activity (including previous fraud) on the cardholder account: 01 – No suspicious activity has been observed; 02 – Suspicious activity has been observed.
nbPurchaseAccount	4 symbols	Number of purchases with this cardholder account during the previous six months.
txnActivityDay	3 symbols	Number of transactions (successful and abandoned) for this cardholder account with the merchant across all payment accounts in the previous 24 hours..
txnActivityYear	3 symbols	Number of transactions (successful and abandoned) for this cardholder account with the merchant across all payment accounts in the previous 24 hours.
provisionAttemptsDay ³	3 symbols	Number of Add Card attempts in the last 24 hours.
paymentAccountInd ³	2 symbols	Indicates the length of time that the payment account was enrolled in the cardholder's account with the merchant: 01 – No account (guest check-out); 02- During this transaction; 03 – Less than 30 days; 04 – 30-60 days; 05 – More than 60 days.
paymentAccountAge ³	8 symbols YYYYMMDD	Date that the payment account was enrolled in the cardholder's account with the merchant.

¹The parameters (highlighted in red in the table) are present in the list of parameters of the authorization request. The merchant should check the possibility of their transfer and compliance with additional format requirements, if these parameters are already transferred.

² The parameters (highlighted in yellow in the table) refer to the delivery address for this order. If the enterprise already sends the delivery address for a specific order as the main parameters (Country, State, City, Zip, Address in the authorization request), then the transfer of these additional parameters is not required.

³ Parameters (highlighted in green in the table) for enterprises that accept cards on their side.

Merchant Risk Indicator

Field name	Format	Description
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shipping Indicator	2 symbols	Indicates shipping method chosen for the transaction. Merchants must choose the Shipping Indicator code that most accurately describes the cardholder's specific transaction, not their general business. If one or more items are included in the sale, use the Shipping Indicator code for the physical goods, or if all digital goods, use the Shipping Indicator code that describes the most expensive item. 01 – Ship to cardholder's billing address (not used); 02 – Ship to another verified address on file with merchant; 03 – Ship to address that is different than the cardholder's billing address; 04 – "Ship to Store" / Pick-up at local store (Store address shall be populated in shipping address fields); 05 – Digital goods (includes online services, electronic gift cards and redemption codes); 06 – Travel and Event tickets, not shipped; 07 – Other (for example, Gaming, digital services not shipped, emedia subscriptions, etc.)
deliveryTimeframe	2 symbols	Indicates the merchandise delivery timeframe: 01 – Electronic Delivery; 02 – Same day shipping; 03 – Overnight shipping; 04 – Two-day or more shipping.
deliveryEmail Address	254 symbols	For Electronic delivery, the email address to which the merchandise was delivered.
reorderItemsInd	2 symbols	Indicates whether the cardholder is reordering previously purchased merchandise: 01 – First time ordered; 02 – Reordered.
preOrderPurchaseInd	2 symbols	Indicates whether cardholder is placing an order for merchandise with a future availability or release date: 01 – Merchandise available; 02 – Future availability.
preOrderDate	8 symbols	For a pre-ordered purchase, the expected date that the merchandise will be available. Date format YYYYMMDD
giftCardAmount	15 digits	For prepaid or gift card purchase, the purchase amount total of prepaid or gift card(s) in major units (for example, USD 123.45 is 123).
giftCardCurrency	3 symbols	For prepaid or gift card purchase, ISO 4217 three-digit currency code of the gift card
giftCardCount	2 symbols	For prepaid or gift card purchase, total count of individual prepaid or gift cards/codes purchased.

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