

3D Secure 2.0 Simulator (PSP)

The 3DS 2.0 simulator mimics the response from the Directory Server and the ACS. In order to use the simulator, send a request to the test system (note: testMode=INTERNAL is not required, the simulator is used by default).

The test card used has to be enrolled in the simulator. To simulate different scenarios, please refer to the table below.

The test cards used in our 3DS 1.0 simulator are still available, and they trigger a 3DS 1.0 authentication transaction. This means, that if a 3DS 1.0 enrolled card is used on a channel where 3DS 2.0 is set up and fallback is enabled, the transaction will fall back to 3DS 1.0.

There is also an option to enforce 3DS 2.0 enrollment. If a card is used that is not manually enrolled, but you would like to force the enrollment status, just send an additional parameter with the request '*customParameters[3DS2_enrolled]=true*'.

The card number dictates the flow that will be triggered (challenge or frictionless). This can also be overwritten by sending an additional parameter '*customParameters[3DS2_flow]=challenge*' or '*customParameters[3DS2_flow]=frictionless*'.

If the challenge workflow applies, the authentication window will be shown to the user. Here the following results can be selected from a dropdown:

- Successful authentication
- Authentication failed
- Technical error

If you are integrating using our server to server solution, then you might be interested in simulating cases when there is the optional method data present and when it is missing. The table below also shows which cards are returning this data.

In case you are using the Copy and Pay widget, you can ignore this information.

Test cards and scenarios

	Returns method data	Visa	MasterCard	American Express
Frictionless	Y	4000000000000002	5200000000000007	374500262001008
Frictionless	Y	4000000000000101	5200000000000023	377277081382243
Frictionless	N	4000000000000028	5200000000000056	3759870000000062
Frictionless	N	4000000000000051	5200000000000106	373953192351004
Challenge	Y	4000000000000044	5200000000000015	343434343434343
Challenge	Y	4000000000000069	5200000000000049	3759870000000021
Challenge	N	4000000000000010	5200000000000064	371030089111339
Challenge	N	4000000000000077	5200000000000072	371449635398431

Test card for 3DS 1.0

Visa	MasterCard	American Express
4012888888881881	5285601704480326	341111597242513
4711100000001112	5388670213787816	341111599241000
4012001037484447	5567269875679677	374245455400001
4441795841431616	5172837709537381	373953192354008
4267146605677385	5245018215178191	374500261001009

4929626518276854	5386024192625914	375705004001005
4681868784735514	5215203694927708	373000000391002
4716319370304553	5405531070110469	
4024007173381889		

Parameter table

OPP	XML	PayPipe	Description
<i>customParameters[3DS2_enrolled]</i>	<i><Criterion name="3DS_enrolled"></Criterion></i>	<i><Parameter name="3DS_enrolled"></Parameter></i>	If set to 'true', the sent card will be treated as enrolled to 3DS 2.0
<i>customParameters[3DS2_flow]</i>	<i><Criterion name="3DS_flow"></Criterion></i>	<i><Parameter name="3DS_flow"></Parameter></i>	Possible values: 'challenge' - forces a challenge workflow 'frictionless' - forces a frictionless workflow