

versioningData EN

	Key	Format	Condition	Description
1	threeDSServerTransID	string	M	Unique transaction identifier generated by BNP and passed to the 3DS Server
2	acsStartProtocolVersion	string	M	The earliest (i.e. oldest) active protocol version that is supported by the ACS, retrieved from the card range data repository
3	acsEndProtocolVersion	string	M	The most recent active protocol version that is supported for the ACS URL, retrieved from the card range data repository.
4	dsStartProtocolVersion	string	M	The earliest (i.e. oldest) active protocol version that is supported by the DS, retrieved from the card range data repository, in case this info is not present for the particular card range.
5	dsEndProtocolVersion	string	M	The most recent active protocol version that is supported for the DS, retrieved from the card range data repository, or optional if this info is not present for the particular card range.
6	threeDSMethodURL	string	M	The ACS URL that will be used by the 3DS Method. The 3DSMethodURL data element may be null if not supported by the ACS.
7	threeDSMethodDataForm	string	M	Value containing the 3DS Method Data to be sent to ACS in the 3DS Method HTTP form POST. In case 3DS Method URL is not supported by the particular card range, this field will be null. The 3DS Method Data contain a Base64 encoded JSON object of the 3DS Notification URL.
8	threeDSMethodData	object	M	Object containing the data elements to be posted to the 3DS Method URL
9	errorDetails	object	C	Object provided by the 3DS Server in case an error occurred in response to a versioning request (e.g. Invalid cardholder account number, not available 3DS Method URL for cardholder account number, failure in encoding/serialization of the 3DS Method Data).

threeDSMethodData

	Key	Format	Condition	Description
1	threeDSMethodNotificationURL	string	M	The URL that will receive the notification of 3DS Method completion from the ACS. This is sent in the initial request to the ACS when executing the 3DS Method.
2	threeDSServerTransID	string	M	Unique transaction identifier generated by BNP and passed to the 3DS Server

errorDetails

	Key	Format	Condition	Description
1	threeDSServerTransID	string	M	Unique transaction identifier generated by BNP and passed to the 3DS Server
2	errorCode	string	M	Code indicating the type of problem identified in the message
3	errorComponent	string	M	Code indicating the 3-D Secure component that identified the error. Values accepted: • C = 3DS SDK. • S = 3DS Server. • D = Directory Server. • A = Access Control Server.
4	errorDescription	string	M	Error description

errorCode

Code	Description
101	Message received invalid
102	Message version number not supported
103	Sent messages limit exceeded. Only used for PReq
201	Required element missing
202	Critical message extension not recognized
203	Format on one or more elements is invalid according to the specs

204	Duplicate data element
301	Transaction id is not recognized
302	Data decryption failure
303	Access denied, invalid endpoint
304	ISO code is not valid
305	Transaction data is not valid
306	Merchant category code is not valid for payment system
307	Serial number is not valid
402	Transaction timed out
403	Transient system failure
404	Permanent system failure
405	System connection failure
911	UnionPay specific error code. Present when Data fields relevance check failed (ECI value and AV appearance are inconsistent with transaction :)
912	UnionPay specific error code. Present when duplicated transaction ID (Transaction ID should be unique for each AReq request).

Schema

```
{
  "$schema": "http://json-schema.org/draft-07/schema#",
  "$id": "https://paymentpage.axepta.bnpparibas/schemas/versioningData.json",
  "title": "3DS Versioning",
  "description": "3DS Versioning Data",
  "type": "object",
  "properties": {
    "threeDSServerTransID": {
      "type": ["string", "null"],
      "maxLength": 36
    },
    "acsStartProtocolVersion": {
      "type": ["string", "null"],
      "minLength": 5,
      "maxLength": 8
    },
    "acsEndProtocolVersion": {
      "type": ["string", "null"],
      "minLength": 5,
      "maxLength": 8
    },
    "dsStartProtocolVersion": {
      "type": ["string", "null"],
      "minLength": 5,
      "maxLength": 8
    },
    "dsEndProtocolVersion": {
      "type": ["string", "null"],
      "minLength": 5,
      "maxLength": 8
    },
    "threeDSMethodURL": {
      "type": ["string", "null"],
      "maxLength": 256
    },
    "threeDSMethodDataForm": {
      "type": ["string", "null"]
    },
    "threeDSMethodData": {
      "type": ["object", "null"],
      "properties": {
```



```
{
  "threeDSServerTransID": null,
  "acsStartProtocolVersion": null,
  "acsEndProtocolVersion": null,
  "dsStartProtocolVersion": null,
  "dsEndProtocolVersion": null,
  "threeDSMethodURL": null,
  "threeDSMethodDataForm": null,
  "threeDSMethodData": null,
  "errorDetails": {
    "threeDSServerTransID": "20cfe55b-4ba2-425d-bf3a-29479886db56",
    "errorCode": "404",
    "errorComponent": "S",
    "errorDescription": "Card account number not found in card ranges from Directory Server"
  }
}
```