

browserInfo EN

The [browserInfo](#) object is only relevant for Server-to-Server integrations. Merchants that use BNP payment pages or card forms do not need to submit this d

Data Elements

	Key	Format	Condition	Description
1	acceptHea ders	string	M	Exact content of the HTTP accept headers as sent from the customer's browser.
2	ipAddress	string	M	IP address of the browser as returned by the HTTP headers.
3	javaEnabled	boolean	C	Boolean that represents the ability of the customer's browser to execute Java. Required when Browser JavaScript Enabled
4	javaScript Enabled	boolean	M	Boolean that represents the ability of the customer's browser to execute JavaScript. For using 3DS 2.0 JavaScript muss be activated (javaScriptEnabled = true). In this case all depending parameters javaEna timeZoneOffset has to be submitted too.
5	language	string	M	Value representing the browser language as defined in IETF BCP47, e.g. "en", "de", "fr", "en-US", "en-GB", "de-DE", "de-A
6	colorDepth	integer	C	Value representing the bit depth of the colour palette for displaying images, in bits per pixel. Required when Browser Java! Notice: Meanwhile exist the new color depths 30 and 36 bits, but these are not included within den EMVCo specifications i rejections. Please send the next lowe value instead. Currently allowed are 1, 4, 8, 15, 16, 24, 32, 48 bits.
7	screenHei ght	integer	C	Total height of the Cardholder's screen in pixels. Required when Browser JavaScript Enabled = true; otherwise Optional.
8	screenWidth	integer	C	Total width of the cardholder's screen in pixels. Required when Browser JavaScript Enabled = true; otherwise Optional.
9	timeZoneO ffset	string	C	Time-zone offset in minutes between UTC and the Cardholder browser local time. Required when Browser JavaScript Ena Note that the offset is positive if the local time zone is behind UTC and negative if it is ahead.
10	userAgent	string	M	Exact content of the HTTP user-agent header.

Schema

```

{
  "$schema": "http://json-schema.org/draft-07/schema#",
  "$id": "https://paymentpage.axepta.bnpparibas/schemas/browserInfo.json",
  "title": "browserInfo",
  "description": "Browser Information",
  "type": "object",
  "properties": {
    "acceptHeaders": {
      "type": "string",
      "maxLength": 2048,
      "description": "Exact content of the HTTP accept headers from the browser."
    },
    "ipAddress": {
      "type": "string",
      "oneOf": [{"format": "ipv4"}, {"format": "ipv6"}],
      "description": "IP address of the browser as returned by the HTTP headers."
    },
    "javaEnabled": {"type": "boolean"},
    "javaScriptEnabled": {"type": "boolean"},
    "language": {
      "type": "string",
      "minLength": 1,
      "maxLength": 8,
      "description": "Value representing the browser language as defined in IETF BCP47, e.g. 'en', 'de', 'fr'
'de-AT', ..."
    },
    "colorDepth": {
      "type": "integer",
      "enum": [1, 4, 8, 15, 16, 24, 32, 48],
      "description": "Value representing the bit depth of the colour palette for displaying images, in bits"
    },
    "screenHeight": {
      "type": "integer",
      "minLength": 1,
      "maxLength": 6,
      "description": "Total height of the Cardholder's screen in pixels."
    },
    "screenWidth": {
      "type": "integer",
      "minLength": 1,
      "maxLength": 6,
      "description": "Total width of the cardholder's screen in pixels."
    },
    "timeZoneOffset": {
      "type": "string",
      "minLength": 1,
      "maxLength": 5,
      "description": "Time-zone offset in minutes between UTC and the Cardholder browser local time."
    },
    "userAgent": {
      "type": "string",
      "maxLength": 2048,
      "description": "Exact content of the HTTP user-agent header."
    }
  },
  "if": {
    "properties": {
      "javaScriptEnabled": {"enum": [true]}
    }
  },
  "then": {
    "required": ["acceptHeaders", "javaEnabled", "javaScriptEnabled", "colorDepth", "screenHeight", "screenWidth", "language", "userAgent"]
  },
  "else": {
    "required": ["acceptHeaders", "ipAddress", "javaScriptEnabled", "language", "userAgent"]
  },
  "additionalProperties": false
}

```

Sample

```
{
  "acceptHeaders": "text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8",
  "ipAddress": "2001:0db8:85a3:0000:0000:8a2e:0370:7334",
  "javaEnabled": false,
  "javascriptEnabled": true,
  "language": "en-US",
  "colorDepth": 24,
  "screenHeight": 723,
  "screenWidth": 1536,
  "timeZoneOffset": "300",
  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.
}
```