

3DS Iframe Payment Template Instructions

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Overview

The document describes the mandatory changes on the merchants' payment page in order to be compliant with 3DSv2 mandate.

The merchants that have implemented custom payment pages (customized XSL or/and customized CSS, or CSS url usage) must make the following changes to their custom files (css, xsl):

CSS Files

Additions in CSS

```
#threeDSoverlay {
    position: absolute;
    top: 50%; /* position the top edge of the element at the middle of the parent */
    left: 50%; /* position the left edge of the element at the middle of the parent */
    transform: translate(-50%, -50%); /* This is a shorthand of translateX(-50%) and
translateY(-50%) */
    background-color: rgb(250, 250, 250);
    border: solid rgb(150, 150, 175) 2px;
    z-index: 10;
    text-align: center;
}
#threeDSoverlayHead {
    text-align: right;
    margin: 2px 2px 2px 2px;
}

#threeDSstartForm
{
    z-index: 20;
    text-align: center;
}

#toParent
{
    z-index: 20;
    text-align: center;
}
/** iframe specials if needed */
#threeDS
{
    border: none;
}
```

1.2 Modification in CSS

In below section, important must be added:

html, body, form, fieldset, h1, h2, h3, h4, h5, h6, p, pre, blockquote, ul, ol, dl, address

```
{
    margin: 0 auto !important;
    padding: 0;
}
```

XSL Files

XSL changes

Update template payform

Add calling parameters with defaults

```
<xsl:param name="webform" select="/Page/actionObject" />
```

```
<xsl:param name="target" select="_self" />
```

```
<xsl:param name="divid" select="order" />
```

Added from target.

Details of changes:

Local: payment.xsl	payment.xsl 3358d32 (Andri Kruus)
273 </xsl:if>	271 </xsl:if>
274 </xsl:template>	272 </xsl:template>
275	273 </xsl:if>
276	274 </xsl:template>
277 <xsl:template name="payform">	275
278 <xsl:param name="webform" select="/Page/actionObject" />	276
279 <xsl:param name="target" select="_self" />	277 <xsl:template name="payform">
280 <xsl:param name="divid" select="order" />	278 <div id="order">
281 <div id="{divid}">	279 <xsl:variable name="webform" select="Page/actionObject" />
282 <script type="text/javascript">	280 <script type="text/javascript">
283 function hideAndSubmitTined(formid)=	281
284 {	282 function hideAndSubmitTined(formid)=
285 var timer=setTimeout("hideAndSubmit('"+formid+"');",100);	283 {
286 }	284 var timer=setTimeout("hideAndSubmit('"+formid+"');",100);
287 }	285 }
288 function hideAndSubmit(formid)=	286 }
289 {	287 function hideAndSubmit(formid)=
290 var formx=document.getElementById(formid);	288 {
291 if (formx!=null)=	289 var formx=document.getElenById(formid);
292 { formx.style.visibility="hidden";	290 if (formx!=null)=
293 formx.submit();	291 { formx.style.visibility="hidden";
294 }	292 formx.submit();
295 }	293 }
296 </script>	294 }
297 <xsl:if test="\$webform">	295 </script>
298 <div>	296 <xsl:if test="\$webform">
299 <xsl:if test="/Page/message">	297 <div>
300 <h2>	298 <xsl:if test="Page/message">
301 <xsl:value-of select="/Page/message" />	299 <h2>
302 </h2>	300 <xsl:value-of select="Page/message" />
303 </xsl:if>	301 </h2>
304 <form id="payform0" name="{webform/name}" method="{webform/method}" action="{webform/acti	302 </xsl:if>
305 accept_charset="{webform/accept_charset}" target="{target}">	303 </xsl:if>
306 <xsl:for-each select="\$webform/fields/field">	304 <form id="payform0" name="{webform/name}" method="{webform/method}" action="{webform/acti
307 <xsl:choose>	305 <xsl:for-each select="\$webform/fields/field">
308 <xsl:when test="./type='submit' or ./type='button'">	306 <xsl:choose>
309 <input class="btn" type="{./type}" name="{./name}" value="{./value}" />	307 <xsl:when test="./type='submit' or ./type='button'">
310 </xsl:when>	308 <input class="btn" type="{./type}" name="{./name}" value="{./value}" />
311 <xsl:when test="./type='image'">	309 </xsl:when>
312 <input class="btn" src="{./src}" type="{./type}" name="{./name}" value="{./v	310 <xsl:when test="./type='image'">
313 </xsl:when>	311 <input class="btn" src="{./src}" type="{./type}" name="{./name}" value="{./valu
314 <xsl:when test="./type='hidden'">	312 </xsl:when>
315 <input type="{./type}" name="{./name}" value="{./value}" />	313 <xsl:when test="./type='hidden'">
316 </xsl:when>	314 <input type="{./type}" name="{./name}" value="{./value}" />
317 <xsl:when test="./type='textarea'">	315 </xsl:when>
318 <xsl:call-template name="xmltextarea">	316 <xsl:when test="./type='textarea'">
319 <xsl:with-param name="value" select="{./value}" />	317 <xsl:call-template name="xmltextarea">

In template options page `<xsl:template name="optionsPage">` added near end before `<div id="someOtherStuff">`:

```
<!-- for threeDS in iframe -->
<xsl:if test="/Page/threeDSObject">
  <div id="3DSOverlay" style="background-color: rgb(0, 0, 0); width: 100%;
position: fixed; left: 0; top: 0; text-align:center; height: 100%; z-index: 0; opacity:
0.6;"><xsl:comment></xsl:comment>
  </div>
  <xsl:call-template name="threeDSiframe">
  </xsl:call-template>
</xsl:if>
```


Local: payment.xsl	payment.xsl 3358d32 (Andri Kruus)
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1903	1896
1904	1897

Added new template threeDSiframe before end of XSL.

```

<!-- for threeDS in iframe -->
<!-- implemntation of 3ds via redirection in redirection iframe -->
<xsl:template name="threeDSiframe">
<html class="no-js" lang="{Page/locale/language}">
  <head>
    <meta http-equiv="x-ua-compatible" content="ie=edge" />
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
    <meta charset="utf-8" />
    <title>
      <xsl:value-of select="Page/title" />&nbsp;
    </title>
    <link href="css/normalize.css" rel="stylesheet" type="text/css" />
    <xsl:choose>
      <xsl:when test="Page/css">
        <link href="{Page/css}" rel="stylesheet"
type="text/css" />
      </xsl:when>
      <xsl:otherwise>
        <link href="css/vpos.css" rel="stylesheet"
type="text/css" />
      </xsl:otherwise>
    </xsl:choose>
  </head>

```

```

<body>
<!--
chwindow size
01 = 250 x 400
02 = 390 x 400
03 = 500 x 600
04 = 600 x 400
05 = Full screen
-->
<xsl:variable name="cwh">
  <xsl:choose>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='01'">
      <xsl:value-of select=""400px""/>
    </xsl:when>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='02'">
      <xsl:value-of select=""400px""/>
    </xsl:when>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='03'">
      <xsl:value-of select=""600px""/>
    </xsl:when>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='04'">
      <xsl:value-of select=""400px""/>
    </xsl:when>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='05'">
      <xsl:value-of select=""100%""/>
    </xsl:when>
    <xsl:otherwise>
      <xsl:value-of select=""480px""/>
    </xsl:otherwise>
  </xsl:choose>
</xsl:variable>
<xsl:variable name="cww">
  <xsl:choose>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='01'">
      <xsl:value-of select=""250px""/>
    </xsl:when>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='02'">
      <xsl:value-of select=""390px""/>
    </xsl:when>
    <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='03'">
      <xsl:value-of select=""500px""/>

```

```

        </xsl:when>
        <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='04'">
            <xsl:value-of select="'600px'"/>
        </xsl:when>
        <xsl:when
test="/Page/labels/label[key='mpi.challengeWindowSize']/label='05'">
            <xsl:value-of select="'100%'"/>
        </xsl:when>
        <xsl:otherwise>
            <xsl:value-of select="'640px'"/>
        </xsl:otherwise>
    </xsl:choose>
</xsl:variable>
<div id="threeDSoverlay">
    <div id="threeDSoverlayHead">
        
    </div>
    <iframe id="threeDS" name="threeDS" style="height: {$cwh}; width:{$cww};
display: none;" ><xsl:comment> iframe </xsl:comment></iframe>
    <div id="threeDSStart" style="height: {$cwh}; width:{$cww}; display: block;">
    <xsl:call-template name="payform">
    <xsl:with-param name="webform" select="/Page/threeDSObject" />
    <xsl:with-param name="target" select="'threeDS'"/>
    <xsl:with-param name="divid" select="'threeDSStartForm'"/>
    </xsl:call-template>
    </div>
        <script type="text/javascript">
            appControlUsed();
            var timerx=setTimeout("switchDisplayed3DS()",120);
        </script>
    </div>
</body>
</html>
</xsl:template>

```