

## Test Cases for 3DS 2.1.0 / 2.2.0

For all test cases, use **expiry year longer than three years from current year.**

### Frictionless Test Cases

<b>Test Case 1: Successful Frictionless Authentication</b>	
<b>Scenario</b>	Successful frictionless authentication
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001000</p> <p>2.2.0 : 4000000000002701</p> <hr/> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001005</p> <p>2.2.0 : 5200000000002235</p> <hr/> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001007</p> <p>2.2.0 : 340000000002708</p> <hr/> <p><b>Discover / Diners Club PAN:</b></p> <p>2.1.0 : 6011000000001002</p> <hr/> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000000008</p> <p>2.2.0 : 3338000000000296</p> <hr/> <p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003006</p> <p>2.2.0 : 4000000000004970</p>

<b>Cartes Bancaires (Mastercard) PAN:</b>  2.1.0 : 5200000000003001  2.2.0 : 5200000000004801	
<b>Expected Results - Lookup Response</b>	Enrolled = <input type="checkbox"/> Y PResStatus = <input type="checkbox"/> Y SignatureVerification = <input type="checkbox"/> Y CAVV = <CAVV Value> EciFlag = <ECI Value> Expected ECI Values grouped by Network: <ul style="list-style-type: none"> <li>• 05                         <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 02                         <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> ACSUrl = <blank> Payload = <blank> ErrorNo = <input type="checkbox"/> 0 ErrorDesc = <blank>
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should append the Cavv and EciFlag values to the authorization message.
<b>Test Case 2: Failed frictionless authentication</b>	
<b>Scenario</b>	Failed frictionless authentication
<b>Authentication Experience</b>	Frictionless

<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001018</p> <p>2.2.0 : 4000000000002925</p> <hr/> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001013</p> <p>2.2.0 : 5200000000002276</p> <hr/> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001015</p> <p>2.2.0 : 340000000002096</p> <hr/> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001010</p> <hr/> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000000990</p> <p>2.2.0 : 3338000000000361</p> <hr/> <p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003014</p> <p>2.2.0 : 4000000000004574</p> <hr/> <p><b>Cartes Bancaires (Mastercard) PAN:</b></p> <p>2.1.0 : 5200000000003019</p> <p>2.2.0 : 5200000000004538</p>
<b>Expected Results - Lookup Response</b>	<p>Enrolled = <input type="checkbox" value="Y"/></p> <hr/> <p>PAResStatus = <input type="checkbox" value="N"/></p> <hr/> <p>SignatureVerification = <input type="checkbox" value="Y"/></p> <hr/> <p>CAVV = &lt;blank&gt;</p>

EciFlag = <ECI Value>	
Expected ECI Values grouped by Network:	
<ul style="list-style-type: none"> <li>• 07           <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00           <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>	
ACSUrl = <blank>	
Payload = <blank>	
ErrorNo = 0	
ErrorDesc = <blank>	
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should NOT continue authorization. Merchant should prompt for another form of payment and is not permitted to submit this transaction for authorization.

<b>Test Case 3: Attempts frictionless authentication</b>	
<b>Scenario</b>	Attempts frictionless authentication
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001026</p> <p>2.2.0 : 4000000000002719</p> <hr/> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001021</p> <p>2.2.0 : 5200000000002482</p>

<b>American Express PAN:</b>  2.1.0 : 340000000001023  2.2.0 : 340000000002872	
<b>Discover (Diners Club) PAN:</b>  2.1.0 : 6011000000001028	
<b>JCB J/Secure PAN:</b>  2.1.0 : 3337000000007045  2.2.0 : 3338000000000585	
<b>Cartes Bancaires (Visa) PAN:</b>  2.1.0 : 4000000000003022  2.2.0 : 4000000000004111	
<b>Cartes Bancaires (Mastercard) PAN:</b>  2.1.0 : 5200000000003027  2.2.0 : 5200000000004587	
<b>Expected Results - Lookup Response</b>	Enrolled = <input checked="" type="checkbox"/> Y  PResStatus = <input type="checkbox"/> A  SignatureVerification = <input checked="" type="checkbox"/> Y  CAVV = <CAVV value>  EciFlag = <ECI Value>  Expected ECI Values grouped by Network: <ul style="list-style-type: none"> <li>• 06                         <ul style="list-style-type: none"> <li>○ Visa</li> <li>○ AMEX</li> <li>○ Discover (Diners Cub)</li> <li>○ JCB</li> <li>○ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 01                         <ul style="list-style-type: none"> <li>○ Mastercard</li> <li>○ Cartes Bancaires (MC)</li> </ul> </li> </ul>

ACUrl = <blank>	
Payload = <blank>	
ErrorNo = 0	
ErrorDesc = <blank>	
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should append Cavv and EciFlag to the authorization message.

<b>Test Case 4: Unavailable frictionless authentication from the issuer</b>	
<b>Scenario</b>	Unavailable frictionless authentication from the issuer
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001034</p> <p>2.2.0 : 4000000000002313</p> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001039</p> <p>2.2.0 : 5200000000002268</p> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001031</p> <p>2.2.0 : 340000000002922</p> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001036</p> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000000735</p> <p>2.2.0 : 3338000000000221</p>

<b>Cartes Bancaires (Visa) PAN:</b>  2.1.0 : 40000000000003030  2.2.0 : 40000000000004160	
<b>Cartes Bancaires (Mastercard) PAN:</b>  2.1.0 : 52000000000003035  2.2.0 : 52000000000004306	
<b>Expected Results - Lookup Response</b>	Enrolled = <input type="checkbox"/> Y  PARESStatus = <input type="checkbox"/> U  SignatureVerification = <input type="checkbox"/> Y  CAVV = <blank>  EciFlag = <ECI Value>  Expected ECI Values grouped by Network:  <ul style="list-style-type: none"> <li>• 07                         <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00                         <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> ACSUrl = <blank>  Payload = <blank>  ErrorNo = <input type="checkbox"/> 0  ErrorDesc = <blank>
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should proceed with the authorization message.
<b>Test Case 5: Rejected frictionless authentication by the issuer</b>	

<b>Scenario</b>	Rejected frictionless authentication by the issuer
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001042</p> <p>2.2.0 : 4000000000002537</p> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001047</p> <p>2.2.0 : 5200000000002185</p> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001049</p> <p>2.2.0 : 340000000002062</p> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001044</p> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000000321</p> <p>2.2.0 : 3338000000000734</p> <p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003048</p> <p>2.2.0 : 4000000000004517</p> <p><b>Cartes Bancaires (Mastercard) PAN:</b></p> <p>2.1.0 : 5200000000003043</p> <p>2.2.0 : 5200000000004405</p>
<b>Expected Results - Lookup Response</b>	<p>Enrolled = <input type="radio"/> Y</p> <p>PAResStatus = <input type="radio"/> R</p> <p>SignatureVerification = <input type="radio"/> Y</p>



CAVV = <blank>	
EciFlag = <ECI Value>	
Expected ECI Values grouped by Network:	
<ul style="list-style-type: none"> <li>• 07 <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00 <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>	
ACSUrl = <blank>	
Payload = <blank>	
ErrorNo = 0	
ErrorDesc = <blank>	
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should NOT continue with authorization. Merchant should prompt for another form of payment and is not permitted to submit this transaction for authorization.

<b>Test Case 6: Authentication not available on lookup</b>	
<b>Scenario</b>	Authentication not available on lookup
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001059</p> <p>2.2.0 : 4000000000002990</p> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001054</p> <p>2.2.0 : 5200000000002409</p>

<p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001056</p> <p>2.2.0 : 340000000002468</p>	
<p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001051</p>	
<p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000006765</p> <p>2.2.0 : 3338000000000940</p>	
<p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003055</p> <p>2.2.0 : 4000000000004285</p>	
<p><b>Cartes Bancaires (Mastercard) PAN:</b></p> <p>2.1.0 : 5200000000003050</p> <p>2.2.0 : 5200000000004090</p>	
<p><b>Expected Results - Lookup Response</b></p>	<p>Enrolled = <input type="checkbox"/></p> <p>PAResStatus = &lt;blank&gt;</p> <p>SignatureVerification = &lt;blank&gt;</p> <p>CAVV = &lt;blank&gt;</p> <p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>

ACUrl = <blank>	
Payload = <blank>	
ErrorNo = 0	
ErrorDesc = <blank>	
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should proceed with the authorization message.

<b>Test Case 7: Error on lookup</b>	
<b>Scenario</b>	Error on lookup
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001067</p> <p>2.2.0 : 4000000000002446</p> <hr/> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001062</p> <p>2.2.0 : 5200000000002037</p> <hr/> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001064</p> <p>2.2.0 : 340000000002732</p> <hr/> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001069</p> <hr/> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000000016</p> <p>2.2.0 : 3338000000000650</p>

<b>Cartes Bancaires (Visa) PAN:</b>  2.1.0 : 40000000000003063  2.2.0 : 40000000000004194	
<b>Cartes Bancaires (Mastercard) PAN:</b>  2.1.0 : 52000000000003068  2.2.0 : 52000000000004058	
<b>Expected Results - Lookup Response</b>	Enrolled = <input type="checkbox"/>  PResStatus = <blank>  SignatureVerification = <blank>  CAVV = <blank>  EciFlag = <ECI Value>  Expected ECI Values grouped by Network:  <ul style="list-style-type: none"> <li>• 07                         <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00                         <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> ACSUrl = <blank>  Payload = <blank>  ErrorNo = <value>  ErrorDesc = <value\>
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should proceed with the authorization message.
<b>Test Case 8: Timeout on lookup transaction</b>	

<b>Scenario</b>	Timeout on lookup transaction
<b>Authentication Experience</b>	Frictionless
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001075</p> <p>2.2.0 : 4000000000002354</p> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001070</p> <p>2.2.0 : 5200000000002326</p> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001072</p> <p>2.2.0 : 340000000002047</p> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001077</p> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000000081</p> <p>2.2.0 : 33380000000000577</p> <p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003071</p> <p>2.2.0 : 4000000000004277</p> <p><b>Cartes Bancaires (Mastercard) PAN:</b></p> <p>2.1.0 : 5200000000003076</p> <p>2.2.0 : 5200000000004694</p>
<b>Expected Results - Lookup Response</b>	<p>Enrolled = <input type="checkbox"/></p> <p>PAResStatus = &lt;blank&gt;</p>

SignatureVerification = <blank>	
CAVV = <blank>	
EciFlag = <ECI Value>	
Expected ECI Values grouped by Network:	
<ul style="list-style-type: none"> <li>• 07           <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00           <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>	
ACSUrl = <blank>	
Payload = <blank>	
ErrorNo = <value>	
ErrorDesc = <value>	
<b>Expected Results - Authentication</b>	N/A
<b>Merchant Action</b>	Merchant should proceed with the authorization message.

## Challenge Test Cases

<b>Test Case 9: Successful step up authentication</b>	
<b>Scenario</b>	Successful step up authentication
<b>Authentication Experience</b>	Challenge
<b>Test Values</b>	<b>Visa PAN:</b>  2.1.0 : 4000000000001091  2.2.0 : 4000000000002503

<b>Mastercard PAN:</b>  2.1.0 : 5200000000001096  2.2.0 : 5200000000002151	
<b>American Express PAN:</b>  2.1.0 : 340000000001098  2.2.0 : 340000000002534	
<b>Discover (Diners Club) PAN:</b>  2.1.0 : 601100000001093	
<b>JCB J/Secure PAN:</b>  2.1.0 : 3337000000200004  2.2.0 : 3338000000000569	
<b>Cartes Bancaires (Visa) PAN:</b>  2.1.0 : 4000000000003139  2.2.0 : 4000000000004855	
<b>Cartes Bancaires (Mastercard) PAN:</b>  2.1.0 : 5200000000003092  2.2.0 : 5200000000004074	
<b>Expected Results - Lookup Response</b>	Enrolled = <input type="checkbox"/> Y  PARESStatus = <input type="checkbox"/> C  SignatureVerification = <input type="checkbox"/> Y  CAVV = <blank>

<p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>	
<p>ACUrl = &lt;Url&gt;</p>	
<p>Payload = &lt;value&gt;</p>	
<p>ErrorNo = 0</p>	
<p>ErrorDesc = &lt;blank&gt;</p>	
<p><b>Expected Results - Authentication</b></p>	<p>PAResStatus = <input checked="" type="checkbox"/></p> <p>SignatureVerification = <input checked="" type="checkbox"/></p> <p>CAVV = &lt;CAVV Value&gt;</p> <p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 05             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 02             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> <p>ErrorNo = 0</p> <p>ErrorDesc = &lt;blank&gt;</p>
<p><b>Merchant Action</b></p>	<p>Merchant should append Cavv and EciFlag to the authorization message.</p>



<b>Test Case 10: Failed step up authentication</b>	
<b>Scenario</b>	Failed step up authentication
<b>Authentication Experience</b>	Challenge
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001109</p> <p>2.2.0 : 4000000000002370</p> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001104</p> <p>2.2.0 : 5200000000002490</p> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001106</p> <p>2.2.0 : 340000000002237</p> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001101</p> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000200087</p> <p>2.2.0 : 3338000000000874</p> <p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003097</p> <p>2.2.0 : 4000000000004293</p> <p><b>Cartes Bancaires (Mastercard) PAN:</b></p> <p>2.1.0 : 5200000000003100</p> <p>2.2.0 : 5200000000004041</p>
<b>Expected Results - Lookup Response</b>	Enrolled = <input type="checkbox"/>

<p>PAResStatus = <input type="checkbox"/></p> <p>SignatureVerification = <input checked="" type="checkbox"/></p> <p>CAVV = &lt;blank&gt;</p> <p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> <p>ACUrl = &lt;Url&gt;</p> <p>Payload = &lt;value&gt;</p> <p>ErrorNo = <input type="text"/></p> <p>ErrorDesc = &lt;blank&gt;</p> <p><b>Expected Results - Authentication</b></p>	<p>PAResStatus = <input checked="" type="checkbox"/></p> <p>SignatureVerification = <input checked="" type="checkbox"/></p> <p>CAVV = &lt;blank&gt;</p> <p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>
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ErrorNo = 0	
ErrorDesc = <blank>	
<b>Merchant Action</b>	Merchant should NOT continue with authorization. Merchant should prompt for another form of payment and is not permitted to submit this transaction for authorization.

<b>Test Case 11: Step up authentication is unavailable</b>	
<b>Scenario</b>	Step up authentication is unavailable
<b>Authentication Experience</b>	Challenge
<b>Test Values</b>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001117</p> <p>2.2.0 : 4000000000002420</p> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001112</p> <p>2.2.0 : 5200000000002664</p> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001114</p> <p>2.2.0 : 340000000002484</p> <p><b>Discover (Diners Club) PAN:</b></p> <p>2.1.0 : 6011000000001119</p> <p><b>JCB J/Secure PAN:</b></p> <p>2.1.0 : 3337000000200079</p> <p>2.2.0 : 3338000000000981</p> <p><b>Cartes Bancaires (Visa) PAN:</b></p> <p>2.1.0 : 4000000000003105</p> <p>2.2.0 : 4000000000004640</p>

<p><b>Cartes Bancaires (Mastercard) PAN:</b></p> <p>2.1.0 : 5200000000003118</p> <p>2.2.0 : 5200000000004124</p>	
<p><b>Expected Results - Lookup Response</b></p>	<p>Enrolled = <input type="checkbox"/> Y</p> <p>PAResStatus = <input type="checkbox"/> C</p> <p>SignatureVerification = <input type="checkbox"/> Y</p> <p>CAVV = &lt;blank&gt;</p> <p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> <p>ACSUrl = &lt;Url&gt;</p> <p>Payload = &lt;value&gt;</p> <p>ErrorNo = <input type="checkbox"/> 0</p> <p>ErrorDesc = &lt;blank&gt;</p>
<p><b>Expected Results - Authentication</b></p>	<p>PAResStatus = <input type="checkbox"/> U</p> <p>SignatureVerification = <input type="checkbox"/> Y</p> <p>CAVV = &lt;blank&gt;</p>

<p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul>	
<p>ErrorNo = 0</p> <p>ErrorDesc = &lt;blank&gt;</p>	
<p><b>Merchant Action</b></p>	<p>Merchant can retry authentication or process authorization as merchant liability.</p>

<p><b>Test Case 12: Error on authentication</b></p>	
<p><b>Scenario</b></p>	<p>Error on authentication</p>
<p><b>Authentication Experience</b></p>	<p>Challenge</p>
<p><b>Test Values</b></p>	<p><b>Visa PAN:</b></p> <p>2.1.0 : 4000000000001125</p> <p>2.2.0 : 4000000000002644</p> <hr/> <p><b>Mastercard PAN:</b></p> <p>2.1.0 : 5200000000001120</p> <p>2.2.0 : 5200000000002656</p> <hr/> <p><b>American Express PAN:</b></p> <p>2.1.0 : 340000000001122</p> <p>2.2.0 : 340000000002351</p>

<b>Discover (Diners Club) PAN:</b> 2.1.0 : 6011000000001127	
<b>JCB J/Secure PAN:</b> 2.1.0 : 6011000000001127 2.2.0 : 3338000000000676	
<b>Cartes Bancaires (Visa) PAN:</b> 2.1.0 : 4000000000003113 2.2.0 : 4000000000004913	
<b>Cartes Bancaires (Mastercard) PAN:</b> 2.1.0 : 5200000000003126 2.2.0 : 5200000000004611	
<b>Expected Results - Lookup Response</b>	Enrolled = <input type="checkbox"/> Y PARESStatus = <input type="checkbox"/> C SignatureVerification = <input type="checkbox"/> Y CAVV = <blank> EciFlag = <ECI Value> Expected ECI Values grouped by Network: <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> ACSUrl = <Url> Payload = <value>

<p>ErrorNo = 0</p> <p>ErrorDesc = &lt;blank&gt;</p>	
<p><b>Expected Results - Authentication</b></p>	<p>PAResStatus = &lt;blank&gt;</p> <hr/> <p>SignatureVerification = &lt;blank&gt;</p> <hr/> <p>CAVV = &lt;blank&gt;</p> <hr/> <p>EciFlag = &lt;ECI Value&gt;</p> <p>Expected ECI Values grouped by Network:</p> <ul style="list-style-type: none"> <li>• 07             <ul style="list-style-type: none"> <li>◦ Visa</li> <li>◦ AMEX</li> <li>◦ Discover (Diners Cub)</li> <li>◦ JCB</li> <li>◦ Cartes Bancaires (Visa)</li> </ul> </li> <li>• 00             <ul style="list-style-type: none"> <li>◦ Mastercard</li> <li>◦ Cartes Bancaires (MC)</li> </ul> </li> </ul> <hr/> <p>ErrorNo = &lt;value&gt;</p> <hr/> <p>ErrorDesc = &lt;value&gt;</p>
<p><b>Merchant Action</b></p>	<p>Merchants have the option of retaining the liability and submitting the transaction as non-authenticated. An alternative action would be to prompt for another form of payment.</p>