

## Checkout Test Cases 2.1.0

Note: for all test cases please use expiry year longer than 3 years from current year.

### Test Case 1: Successful Frictionless Authentication

Scenario	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001000</b>
Mastercard PAN	<b>5200000000001005</b>
American Express PAN	<b>340000000001007</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "Y",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "signature_verification": "Y",     "ds_transaction_id": "value",     "cavv": "value",     "pares_status": "Y",     "xid": "value"(AMEX Only),     "acs_transaction_id": "value"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" </pre>

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Payment Transaction	If "process_transaction": true, the checkout page will initiate the authorization message and return the transaction_id on the return_url
Return_url	{{return_url}}?transaction_id=value&authentication_id=value
Merchant Action	N/A
ECI Value 05	Visa, American Express
ECI Value 02	Mastercard

## Test Case 2: Failed Frictionless Authentication

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication failed (pares_status=N), successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001018</b>
Mastercard PAN	<b>5200000000001013</b>
American Express PAN	<b>3400000000001015</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication failed (pares_status=N), successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "Y",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "signature_verification": "Y",     "ds_transaction_id": "value",     "pares_status": "N",     "xid": "value"(AMEX Only),     "acs_transaction_id": "value",     "status_reason": "01"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" </pre>

[https://verifone.cloud/docs/uk-gateway/threeds\\_test\\_cases\\_checkout\\_2\\_1\\_0](https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0)

Updated: 29-Oct-2021

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication failed (pares_status=N), successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Payment Transaction	If "process_transaction": true, the checkout page will not initiate the authorization message and will return an error in the return_url
Return_url	{return_url} ?authentication_id=value&error=%27Transaction%20cannot%20be%20initiated%20because%20authentication%20has%20failed.%27
Merchant Action	Merchant should reinitiate the checkout, or prompt for another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

### Test Case 3: Attempts Frictionless Authentication

<b>Scenario</b>	<b>The merchant attempts authentication of the cardholder but the issuer is yet to participate in 3DS or its access control server is unable to respond. The scheme responds on behalf of the Issuer. it is otherwise known as Passive Authentication, and the cardholder is not prompted for authentication credential.</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001026</b>
Mastercard PAN	<b>5200000000001021</b>
American Express PAN	<b>3400000000001023</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>The merchant attempts authentication of the cardholder but the issuer is yet to participate in 3DS or its access control server is unable to respond. The scheme responds on behalf of the Issuer. it is otherwise known as Passive Authentication, and the cardholder is not prompted for authentication credential.</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "Y",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "signature_verification": "Y",     "ds_transaction_id": "value",     "cavv": "value",     "pares_status": "A",     "xid": "value"(AMEX Only),     "acs_transaction_id": "value"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "id": value } </pre>
	<p style="text-align: center;"> <a href="https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0</a>        Updated: 29-Oct-2021     </p>

<b>Scenario</b>	<b>The merchant attempts authentication of the cardholder but the issuer is yet to participate in 3DS or its access control server is unable to respond. The scheme responds on behalf of the Issuer. It is otherwise known as Passive Authentication, and the cardholder is not prompted for authentication credential.</b>
Payment Transaction	If <code>"process_transaction": true</code> , the checkout page will initiate the authorization message and return the transaction_id on the return_url
Return_url	<code>{{return_url}}?transaction_id=value&amp;authentication_id=value</code>
Merchant Action	N/A
ECI Value 06	Visa, American Express
ECI Value 01	Mastercard

#### Test Case 4: Unavailable Frictionless Authentication from the Issuer

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), Authentication was unavailable (pares_status=U), any of the components involved in 3DS flow was not available. successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001034</b>
Mastercard PAN	<b>5200000000001039</b>
American Express PAN	<b>3400000000001031</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), Authentication was unavailable (pares_status=U), any of the components involved in 3DS flow was not available. successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "Y",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "signature_verification": "Y",     "ds_transaction_id": "-value",     "pares_status": "U",     "xid": "value"(AMEX Only),     "acs_transaction_id": "value",     "status_reason": "01"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "id": "value" } </pre>
	<p style="text-align: right;"> <a href="https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0</a>        Updated: 29-Oct-2021     </p>



<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), Authentication was unavailable (pares_status=U), any of the components involved in 3DS flow was not available. successful signature verification (signature_verification=Y), authentication takes place without a challenge (step-up).</b>
Payment Transaction	If "process_transaction": true, the checkout page will initiate the authorization message and return the transaction_id on the return_url
Return_url	{{return_url}}?transaction_id=value&authentication_id=value
Merchant Action	Merchant should reinitiate the checkout with 3DS, if the Authorization is declined by the issuer.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

## Test Case 5: Rejected Frictionless Authentication by the Issuer

<b>Scenario</b>	<b>Authentication has been rejected by the issuer due to the card being blocked or the account not valid (enrolled=Y, pares_status=R)</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001042</b>
Mastercard PAN	<b>5200000000001047</b>
American Express PAN	<b>3400000000001049</b>
Expected Results - Lookup	N/A

Scenario	<b>Authentication has been rejected by the issuer due to the card being blocked or the account not valid (enrolled=Y, pares_status=R)</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "Y",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "signature_verification": "Y",     "ds_transaction_id": "value",     "pares_status": "R",     "xid": "value"(AMEX Only),     "acs_transaction_id": "value",     "status_reason": "01"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>

[https://verifone.cloud/docs/uk-gateway/threeds\\_test\\_cases\\_checkout\\_2\\_1\\_0](https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0)

Updated: 29-Oct-2021

<b>Scenario</b>	<b>Authentication has been rejected by the issuer due to the card being blocked or the account not valid (enrolled=Y, pares_status=R)</b>
Payment Transaction	If "process_transaction": true, the checkout page will not initiate the authorization message and will return an error in the return_url.
Return_url	{{return_url}}? authentication_id=value& error=%27Transaction%20cannot%20be%20initiated%20because%20issuer%20rejected%20the%20authentication.%27
Merchant Action	Merchant should reinitiate checkout with 3DS or prompt for another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

## Test Case 6: Authentication Not Available on Lookup

<b>Scenario</b>	<b>Authentication not available during the authentication request (lookup), any of the components involved in 3DS flow was not available. (enrolled=U)</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001059</b>
Mastercard PAN	<b>5200000000001054</b>
American Express PAN	<b>3400000000001056</b>
Expected Results - Lookup	N/A

Scenario	<b>Authentication not available during the authentication request (lookup), any of the components involved in 3DS flow was not available. (enrolled=U)</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "U",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "reason_code": "101",     "reason_desc": "Invalid Formatted Message Invalid Formatted Message"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>
Payment Transaction	<p>If <code>"process_transaction": true</code>, the checkout page will not initiate the authorization message and will return an error in the <code>return_url</code>.</p>

<b>Scenario</b>	<b>Authentication not available during the authentication request (lookup), any of the components involved in 3DS flow was not available. (enrolled=U)</b>
Return_url	{{return_url}}?transaction_id=value&authentication_id=value
Merchant Action	Merchant should reinitiate checkout with 3DS or prompt for another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

### Test Case 7: Error on Lookup

<b>Scenario</b>	<b>An error took place during the 3DS flow. The authentication response (lookup) will contain an error.</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001067</b>
Mastercard PAN	<b>5200000000001062</b>
American Express PAN	<b>3400000000001064</b>
Expected Results - Lookup	N/A

Scenario	An error took place during the 3DS flow. The authentication response (lookup) will contain an error.
Expected Results - Authentication Object	<pre> {  "amount": value,  "authentication": {  "threeds_version": "2.1.0",  "enrolled": "U",  "error_desc": "Error Processing Message Request",  "error_no": "1001",  "order_id": "value",  Xid = "Xid value&gt; (Amex Only)",  "eci_flag": "ECI value",  "reason_code": "1001",  "reason_desc": "Error Processing Message Request"  },  "card": "value",  "currency_code": "value",  "created_at": "value",  "organisation": "value",  "transaction_id": "value",  "authenticator": "value",  "_id": "value"  } </pre>

<b>Scenario</b>	<b>An error took place during the 3DS flow. The authentication response (lookup) will contain an error.</b>
Payment Transaction	If <code>"process_transaction": true</code> , the checkout page will not initiate the authorization message and will return an error in the return_url.
Return_url	<code>{{return_url}}?authentication_id=value&amp;error=%27An%20error%20took place%20during%20the%20authentication.%20Please%20refer%20to%20the%20Reason%20Code%20or%20contact%20your%20Administrator.%27</code>
Merchant Action	Merchant should reinitiate the checkout, or prompt for another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

## Test Case 8: Timeout on lookup Transaction

<b>Scenario</b>	<b>Any of the involved components delayed to response and a timeout was triggered while waiting the authentication (lookup) response.</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001075</b>
Mastercard PAN	<b>5200000000001070</b>
American Express PAN	<b>340000000001072</b>
Expected Results - Lookup	N/A

Scenario	Any of the involved components delayed to response and a timeout was triggered while waiting the authentication (lookup) response.
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "U",     "error_no": "value",     "error_desc": "value"   },   "order_id": "value",   "eci_flag": "ECI value",   "reason_code": "101",   "reason_desc": "Message Received Invalid Invalid Formatted Message" },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>



<b>Scenario</b>	<b>Any of the involved components delayed to response and a timeout was triggered while waiting the authentication (lookup) response.</b>
Payment Transaction	If "process_transaction": true, the checkout page will not initiate the authorization message and will return an error in the return_url.
Return_url	{{return_url}}? authentication_id=value&error=%27An%20error%20took place%20during%20the%20authentication.%20 Please%20refer%20to%20the%20Reason%20Code%20or%20conta ct%20your%20Administrator.%27
Merchant Action	Merchant should reinitiate the checkout, or prompt for another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

## Test Case 9: Successful Step Up Authentication

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication).</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001091</b>
Mastercard PAN	<b>5200000000001096</b>
American Express PAN	<b>3400000000001098</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication).</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "cavv": "value",     "challenge_required": "N",     "acs_transaction_id": "value",     "payload": "value",     "pares_status": "Y",     "acs_url": "value",     "ds_transaction_id": "value",     "signature_verification": "Y",     "eci_flag": "ECI value",     "order_id": "value",     "xid": "value"(AMEX Only),     "error_no": "0",     "enrolled": "Y",     "threeds_version": "2.1.0"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>
	<p style="text-align: center;"> <a href="https://verifone.cloud/docs/uk_gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk_gateway/threeds_test_cases_checkout_2_1_0</a>        Updated: 29-Oct-2021     </p> <p style="text-align: right;">18</p>

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication).</b>
Payment Transaction	If "process_transaction": true, the checkout page will initiate the authorization message and return the transaction_id on the return_url
Return_url	{{return_url}}?transaction_id=value&authentication_id=value
Merchant Action	N/A
ECI Value 05	Visa, American Express
ECI Value 02	Mastercard

### Test Case 10: Failed Step Up Authentication

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is unsuccessful (pares_status=N), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication).</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001109</b>
Mastercard PAN	<b>5200000000001104</b>
American Express PAN	<b>3400000000001106</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is unsuccessful (pares_status=N), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication).</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "challenge_required": "N",     "acs_transaction_id": "value",     "payload": "value",     "pares_status": "N",     "acs_url": "value",     "ds_transaction_id": "value",     "signature_verification": "Y",     "eci_flag": "ECI value",     "order_id": "value",     "error_no": "0",     "enrolled": "Y",     "xid": "value"(AMEX Only),     "threeds_version": "2.1.0"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>
	<p style="text-align: center;"> <a href="https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0</a>          Updated: 29-Oct-2021       </p> <p style="text-align: right;">20</p>

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is unsuccessful (pares_status=N), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication).</b>
Payment Transaction	If "process_transaction": true, the checkout page will not initiate the authorization message and will return an error in the return_url.
Return_url	{{return_url}}? authentication_id=value&error=%27Transaction%20cannot%20be%20initiated%20because%20authentication%20has%20failed.%27
Merchant Action	Merchant should reinitiate the checkout, or prompt for another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

## Test Case 11: Step Up Authentication is Unavailable

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication request (lookup) has succeeded, but during challenge and results request (JWT) a 3DS component was unavailable, resulting the transaction to fail (pares_status=U).</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001117</b>
Mastercard PAN	<b>5200000000001112</b>
American Express PAN	<b>340000000001114</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication request (lookup) has succeeded, but during challenge and results request (JWT) a 3DS component was unavailable, resulting the transaction to fail (pares_status=U).</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "challenge_required": "N",     "acs_transaction_id": "value",     "payload": "value",     "pares_status": "U",     "acs_url": "value",     "ds_transaction_id": "value",     "signature_verification": "Y",     "eci_flag": "ECI value",     "order_id": "value",     "error_no": "0",     "enrolled": "Y",     "xid": "value"(AMEX Only),     "threeds_version": "2.1.0"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>
	<p style="text-align: center;"> <a href="https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0</a>          Updated: 29-Oct-2021       </p> <p style="text-align: right;">22</p>

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication request (lookup) has succeeded, but during challenge and results request (JWT) a 3DS component was unavailable, resulting the transaction to fail (pares_status=U).</b>
Payment Transaction	If "process_transaction": true, the checkout page will initiate the authorization message and return the transaction_id on the return_url
Return_url	{{return_url}}? transaction_id=value&authentication_id=value
Merchant Action	Merchant should reinitiate the checkout with 3DS, if the Authorization is declined by the issuer.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

## Test Case 12: Error on Authentication

<b>Scenario</b>	<b>An error took place during the result request or challenge flow (JWT), and the final result of the authentication will contain an error. The status of the transaction is not eligible for authorisation.</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001125</b>
Mastercard PAN	<b>5200000000001120</b>
American Express PAN	<b>3400000000001122</b>
Expected Results - Lookup	N/A

<b>Scenario</b>	<b>An error took place during the result request or challenge flow (JWT), and the final result of the authentication will contain an error. The status of the transaction is noteligible for authorisation.</b>
Expected Results - Authentication Object	<pre> {   "amount": value,   "authentication": {     "challenge_required": "N",     "acs_transaction_id": "value",     "payload": "value",     "pares_status": "C",     "acs_url": "value",     "ds_transaction_id": "value",     "signature_verification": "Y",     "xid": "value"(AMEX Only),     "eci_flag": "ECI value",     "order_id": "value",     "error_no": "value",     "error_desc": "value",     "enrolled": "Y",     "threeds_version": "2.1.0"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "_id": "value" } </pre>
	<p style="text-align: center;"> <a href="https://verifone.cloud/docs/uk_gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk_gateway/threeds_test_cases_checkout_2_1_0</a>        Updated: 29-Oct-2021     </p> <p style="text-align: right;">24</p>



<b>Scenario</b>	<b>An error took place during the result request or challenge flow (JWT), and the final result of the authentication will contain an error. The status of the transaction is not eligible for authorisation.</b>
Payment Transaction	If "process_transaction": true, the checkout page will not initiate the authorization message and will return an error in the return_url.
Return_url	{{return_url}}?authentication_id=value&error=%27Transaction%20cannot%20be%20initiated%20because%20an%20error%20occured%20while%20presenting%20the%20challenge.%27
Merchant Action	Merchant should retry the checkout with 3DS or prompt to another payment.
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard

### Test Case 13: Require MethodURL

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication) and using the 3DS MethodURL.</b>
Test Values	<b>Exp Date: 01/****</b>
Visa PAN	<b>4000000000001141</b>
Mastercard PAN	<b>5200000000001146</b>
American Express PAN	<b>340000000001148</b>

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication) and using the 3DS MethodURL.</b>
Expected Results -Authentication  Object	<pre> {   "amount": value,   "authentication": {     "threeds_version": "2.1.0",     "enrolled": "Y",     "error_no": "0",     "order_id": "value",     "eci_flag": "ECI value",     "signature_verification": "Y",     "ds_transaction_id": "value",     "xid": "value"(AMEX Only),     "cavv": "value",     "pares_status": "Y",     "acs_transaction_id": "value"   },   "card": "value",   "currency_code": "value",   "created_at": "value",   "organisation": "value",   "transaction_id": "value",   "authenticator": "value",   "id": "value" } </pre>
	<p style="text-align: right;"> <a href="https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0">https://verifone.cloud/docs/uk-gateway/threeds_test_cases_checkout_2_1_0</a>        Updated: 29-Oct-2021     </p>

<b>Scenario</b>	<b>Cardholder is enrolled (enrolled=Y), authentication is successful (pares_status=Y), successful signature verification (signature_verification=Y). Authentication took place through a challenge (step up authentication) and using the 3DS MethodURL.</b>
Payment Transaction	If "process_transaction": true, the checkout page will initiate the authorization message and return the transaction_id on the return_url
Return_url	{{return_url}}?transaction_id=value&authentication_id=value
Merchant Action	N/A
ECI Value 07	Visa, American Express
ECI Value 00	Mastercard