



















## LTI Advantage Results: Platform Testing











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## LTI 1.3 Core Results


Test Type	Test Name	Test Result
Payload	<b>Student - Get the Full Payload</b> Receive Full Student Payload	✓ Passed
JSON Claim	<b>Student - Payload is LTI 1.3</b> Payload Received is LTI 1.3	✓ Passed
JSON Claim	<b>Student - Payload Timestamps Correct</b> Payload Timestamps Correct	✓ Passed
JSON Claim	<b>Student - Payload Signing Algorithm Correct</b> Payload Signed with Agreed Algorithm	✓ Passed
JSON Claim	<b>Student - Payload Signed Correctly</b> Payload JWT Signing Correct	✓ Passed
JSON Claim	<b>Student - Payload Complete</b> Payload Contains Required Params	✓ Passed
JSON Claim	<b>Student - Payload LTI Version Correct</b> Payload Contains Correct LTI Version	✓ Passed
JSON Claim	<b>Student - Payload Roles Correct</b> Payload Roles Are Correct Formats	✓ Passed
JSON Claim	<b>Student - Payload Params No Whitespace</b> Payload Values Don't Have Extra Whitespace	✓ Passed
JSON Claim	<b>Student - Payload Values Affirmed</b> Payload Values Affirmed Correct	✓ Passed
Payload	<b>Student - Get the Student UID Payload</b> Receive Student UID Payload	✓ Passed
JSON Claim	<b>Student - Payload is LTI 1.3</b> Payload Received is LTI 1.3	✓ Passed
JSON Claim	<b>Student - Payload is LTI 1.3</b> Payload Received is LTI 1.3	✓ Passed

Test Type	Test Name	Test Result
JSON Claim	<b>Student - Payload Timestamps Correct</b> Payload Timestamps Correct	 Passed
JSON Claim	<b>Student - Payload Signing Algorithm Correct</b> Payload Signed with Agreed Algorithm	 Passed
JSON Claim	<b>Student - Payload Signed Correctly</b> Payload JWT Signing Correct	 Passed
JSON Claim	<b>Student - Payload Complete</b> Payload Contains Required Params	 Passed
JSON Claim	<b>Student - Payload LTI Version Correct</b> Payload Contains Correct LTI Version	 Passed
JSON Claim	<b>Student - Payload Roles Correct</b> Payload Roles Are Correct Formats	 Passed
JSON Claim	<b>Student - PII Not Passed</b> Payload Does Not Contain PII	 Passed
JSON Claim	<b>Student - Payload Params No Whitespace</b> Payload Values Don't Have Extra Whitespace	 Passed
JSON Claim	<b>Student - Payload Values Affirmed</b> Payload Values Affirmed Correct	 Passed
Payload	<b>Teacher - Get the Full Teacher Payload</b> Receive Full Teacher Payload	 Passed
JSON Claim	<b>Teacher - Payload is LTI 1.3</b> Payload Received is LTI 1.3	 Passed
JSON Claim	<b>Teacher - Payload Timestamps Correct</b> Payload Timestamps Correct	 Passed
JSON Claim	<b>Teacher - Payload Signing Algorithm Correct</b> Payload Signed with Agreed Algorithm	 Passed
JSON Claim	<b>Teacher - Payload Signed Correctly</b> Payload JWT Signing Correct	 Passed
JSON Claim	<b>Teacher - Payload Complete</b> Payload Contains Required Params	 Passed
JSON Claim	<b>Teacher - Payload LTI Version Correct</b> Payload Contains Correct LTI Version	 Passed
JSON Claim	<b>Teacher - Payload Roles Correct</b> Payload Roles Are Correct Formats	 Passed
JSON Claim	<b>Teacher - Payload Params No Whitespace</b> Payload Values Don't Have Extra Whitespace	 Passed
JSON Claim	<b>Teacher - Payload Values Affirmed</b> Payload Values Affirmed Correct	 Passed
Payload	<b>Teacher - Get the Teacher UID Payload</b> Receive Teacher UID Payload	 Passed










Test Type	Test Name	Test Result
JSON Claim	<b>Teacher - Payload is LTI 1.3</b> Payload Received is LTI 1.3	 Passed
JSON Claim	<b>Teacher - Payload Timestamps Correct</b> Payload Timestamps Correct	 Passed
JSON Claim	<b>Teacher - Payload Signing Algorithm Correct</b> Payload Signed with Agreed Algorithm	 Passed
JSON Claim	<b>Teacher - Payload Signed Correctly</b> Payload JWT Signing Correct	 Passed
JSON Claim	<b>Teacher - Payload Complete</b> Payload Contains Required Params	 Passed
JSON Claim	<b>Teacher - Payload LTI Version Correct</b> Payload Contains Correct LTI Version	 Passed
JSON Claim	<b>Teacher - Payload Roles Correct</b> Payload Roles Are Correct Formats	 Passed
JSON Claim	<b>Teacher - PII Not Passed</b> Payload Does Not Contain PII	 Passed
JSON Claim	<b>Teacher - Payload Params No Whitespace</b> Payload Values Don't Have Extra Whitespace	 Passed
JSON Claim	<b>Teacher - Payload Values Affirmed</b> Payload Values Affirmed Correct	 Passed

## LTI 1.3 Deep Linking Results






Test Type	Test Name	Test Result
Payload	<b>Deep Linking - Get the Payload</b> Receive Deep Linking Payload	 Passed
JSON Claim	<b>Deep Linking - Payload is LTI 1.3</b> Payload Received is LTI 1.3	 Passed
JSON Claim	<b>Deep Linking - Payload Timestamps Correct</b> Payload Timestamps Correct	 Passed
JSON Claim	<b>Deep Linking - Signing Algorithm Correct</b> Payload Signed With Agreed Algorithm	 Passed
JSON Claim	<b>Deep Linking - Payload Signed Correctly</b> Payload JWT Signing Correct	 Passed
JSON Claim	<b>Deep Linking - Payload Complete</b> Payload Contains Required Params	 Passed
JSON Claim	<b>Deep Linking - Payload LTI Version Correct</b> Payload Contains Correct LTI Version	 Passed

Test Type	Test Name	Test Result
Upload	<b>Deep Linking - Final Absorption Affirmed</b> Deep Linking Affirmed Complete	 Passed

## LTI 1.3 Names and Roles Results

Test Type	Test Name	Test Result
Payload	<b>Names and Roles - LTI Core Payload</b> Receive Core Payload for Names and Roles	 Passed
JSON Claim	<b>Names and Roles - Payload is LTI 1.3</b> Payload Received is LTI 1.3	 Passed
JSON Claim	<b>Names and Roles - Payload Timestamps Correct</b> Payload Timestamps Correct	 Passed
JSON Claim	<b>Names and Roles - Payload Signed Correctly</b> Payload JWT Signing Correct	 Passed
JSON Claim	<b>Names and Roles - Payload Complete</b> Payload Contains Required Params	 Passed
OAuth2 Claim	<b>Names and Roles - Generate OAuth2 Token</b> Security Credentials Acquisition	 Passed
HTTP GET	<b>Names and Roles - Do Request</b> Send Names and Roles GET	 Passed
JSON	<b>Names and Roles - Response Complete</b> Response Contains Required Params	 Passed
JSON Headers	<b>Names and Roles - Confirm Link Data</b> Confirm Link Data Header	 Passed

## LTI 1.3 Assignments and Grades Results

Test Type	Test Name	Test Result
Payload	<b>Assignments Grades - LTI Core Payload 1</b> Get Student Payload LTI 1.3	 Passed
JSON Claim	<b>Assignments Grades - Payload Signed Correctly</b> Payload JWT Signing Correct	 Passed
JSON Claim	<b>Assignments Grades - Payload Complete</b> Payload Contains Required Params	 Passed
OAuth2 Claim	<b>Assignments Grades - Get LineItems OAuth2</b> Security Credentials Acquisition	 Passed
JSON	<b>Assignments Grades - Create LineItem 1</b> Create First Line Item	 Passed

Test Type	Test Name	Test Result
JSON	<b>Assignments Grades - GET LineItem 1</b> Pull First Line Item	✓ Passed
JSON	<b>Assignments Grades - Create LineItem 2</b> Create Second Line Item	✓ Passed
Payload	<b>Assignments Grades - LTI Core Payload 2</b> Get Student Payload LTI 1.3	✓ Passed
JSON Claim	<b>Assignments Grades - Payload Signed Correctly</b> Payload JWT Signing Correct	✓ Passed
JSON Claim	<b>Assignments Grades - Payload Complete</b> Payload Contains Required Params	✓ Passed
JSON	<b>Assignments Grades - Create LineItem 3</b> Create Third Line Item	✓ Passed
OAuth2 Claim	<b>Assignments Grades - Get Score OAuth2</b> Security Credentials Acquisition	✓ Passed
JSON	<b>Assignments Grades - Push Score LineItem 3</b> Set Score for Line Item 3	✓ Passed
JSON	<b>Assignment Grades - Push Score Line Item 1</b> Set Score For Line Item 1	✓ Passed
OAuth2 Claim	<b>Assignment Grades - Get Result OAuth2</b> Security Credentials Acquisition	✓ Passed
JSON	<b>Assignment Grades - GET Result Line Item 3</b> GET Result Line Item 3	✓ Passed
JSON	<b>Assignment Grades - GET Result Line Item 1</b> GET Result Line Item 1	✓ Passed
Upload	<b>Assignment Grades - Confirm Gradebook</b> Confirm Gradebook Entries	✓ Passed

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