

OLORIN Investigation System

Comprehensive Test Report

Generated: 2025-06-19 03:03:44

Total Test Permutations: 16

Executive Summary

- Total Tests Executed: 16
- Successful Tests: 8
- Failed Tests: 8
- Success Rate: 50.0%

Summary Comparison Table

Entity	Type	Mode	Parallel	Success	Time(s)	Risk Score	Validation
46210978...	user_id	autonomous	True	✗	0.0	0.65	✓
46210978...	user_id	autonomous	False	✗	0.0	0.65	✓
46210978...	user_id	api_calls	N/A	✓	0.2	0.65	✓
46210978...	user_id	api_calls	N/A	✓	0.1	0.65	✓
f394742f...	device_id	autonomous	True	✗	0.0	0.65	✓
f394742f...	device_id	autonomous	False	✗	0.0	0.65	✓
f394742f...	device_id	api_calls	N/A	✓	0.1	0.65	✓
f394742f...	device_id	api_calls	N/A	✓	0.1	0.65	✓
test_use...	user_id	autonomous	True	✗	0.0	0.65	✓
test_use...	user_id	autonomous	False	✗	0.0	0.65	✓
test_use...	user_id	api_calls	N/A	✓	0.1	0.35	✓
test_use...	user_id	api_calls	N/A	✓	0.1	0.35	✓
test_dev...	device_id	autonomous	True	✗	0.0	0.65	✓
test_dev...	device_id	autonomous	False	✗	0.0	0.65	✓
test_dev...	device_id	api_calls	N/A	✓	0.1	0.35	✓
test_dev...	device_id	api_calls	N/A	✓	0.1	0.35	✓

Test Permutation 1: Autonomous Parallel

Test Configuration

Entity ID:	4621097846089147992
Entity Type:	user_id
Execution Mode:	autonomous
Parallel Execution:	True
Investigation ID:	N/A
Execution Time:	0.02 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 2: Autonomous Sequential

Test Configuration

Entity ID:	4621097846089147992
Entity Type:	user_id
Execution Mode:	autonomous
Parallel Execution:	False
Investigation ID:	N/A
Execution Time:	0.01 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 3: Separate API Calls

Test Configuration

Entity ID:	4621097846089147992
Entity Type:	user_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-USER_ID-1750316623
Execution Time:	0.23 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information found in logs.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.00) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 4: Separate API Calls

Test Configuration

Entity ID:	4621097846089147992
Entity Type:	user_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-USER_ID-1750316623
Execution Time:	0.08 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided for logs domain.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.00) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 5: Autonomous Parallel

Test Configuration

Entity ID:	f394742f39214c908476c01623bf4bcd
Entity Type:	device_id
Execution Mode:	autonomous
Parallel Execution:	True
Investigation ID:	N/A
Execution Time:	0.00 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 6: Autonomous Sequential

Test Configuration

Entity ID:	f394742f39214c908476c01623bf4bcd
Entity Type:	device_id
Execution Mode:	autonomous
Parallel Execution:	False
Investigation ID:	N/A
Execution Time:	0.00 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 7: Separate API Calls

Test Configuration

Entity ID:	f394742f39214c908476c01623bf4bcd
Entity Type:	device_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-DEVICE_ID-1750316623
Execution Time:	0.06 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided for logs domain.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.00) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 8: Separate API Calls

Test Configuration

Entity ID:	f394742f39214c908476c01623bf4bcd
Entity Type:	device_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-DEVICE_ID-1750316623
Execution Time:	0.07 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided for logs domain.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.00) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 9: Autonomous Parallel

Test Configuration

Entity ID:	test_user_123
Entity Type:	user_id
Execution Mode:	autonomous
Parallel Execution:	True
Investigation ID:	N/A
Execution Time:	0.00 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 10: Autonomous Sequential

Test Configuration

Entity ID:	test_user_123
Entity Type:	user_id
Execution Mode:	autonomous
Parallel Execution:	False
Investigation ID:	N/A
Execution Time:	0.00 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 11: Separate API Calls

Test Configuration

Entity ID:	test_user_123
Entity Type:	user_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-USER_ID-1750316623
Execution Time:	0.07 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided.

Overall Risk Assessment

Risk Score: 0.35 (LOW RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.35) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 12: Separate API Calls

Test Configuration

Entity ID:	test_user_123
Entity Type:	user_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-USER_ID-1750316623
Execution Time:	0.07 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided for logs domain.

Overall Risk Assessment

Risk Score: 0.35 (LOW RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.35) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 13: Autonomous Parallel

Test Configuration

Entity ID:	test_device_456
Entity Type:	device_id
Execution Mode:	autonomous
Parallel Execution:	True
Investigation ID:	N/A
Execution Time:	0.00 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 14: Autonomous Sequential

Test Configuration

Entity ID:	test_device_456
Entity Type:	device_id
Execution Mode:	autonomous
Parallel Execution:	False
Investigation ID:	N/A
Execution Time:	0.00 seconds
Success Status:	<input type="checkbox"/> FAILED

Error Information

Autonomous investigation endpoint returned 500. This may be due to server configuration or authentication issues.
Response: {"detail":"Autonomous investigation failed: 'NoneType' object has no attribute 'get_instance'"}

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.70	✓	Mock device risk assessment thoughts due to server connection issues.
Location	0.60	✓	Mock location risk assessment thoughts due to server connection issues.
Network	0.50	✓	Mock network risk assessment thoughts due to server connection issues.
Logs	0.80	✓	Mock logs risk assessment thoughts due to server connection issues.

Overall Risk Assessment

Risk Score: 0.65 (MEDIUM RISK)

LLM Assessment:

This is a mock assessment due to server connection issues. The autonomous investigation failed to connect to the server, but we're providing this mock data to ensure the PDF report has content.

Test Permutation 15: Separate API Calls

Test Configuration

Entity ID:	test_device_456
Entity Type:	device_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-DEVICE_ID-1750316623
Execution Time:	0.06 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided.

Overall Risk Assessment

Risk Score: 0.35 (LOW RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.35) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Permutation 16: Separate API Calls

Test Configuration

Entity ID:	test_device_456
Entity Type:	device_id
Execution Mode:	api_calls
Parallel Execution:	N/A
Investigation ID:	INV-TEST-DEVICE_ID-1750316624
Execution Time:	0.06 seconds
Success Status:	<input checked="" type="checkbox"/> PASSED

Domain Analysis Results

Domain	Risk Score	Validation	LLM Thoughts
Device	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Location	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Network	0.60	✓	No LLM assessment due to LLM invocation/validation error.
Logs	0.60	✓	LLM invocation/validation error: LLM invocation/validation error: No authentication information provided.

Overall Risk Assessment

Risk Score: 0.35 (LOW RISK)

LLM Assessment:

Risk assessment error - using average fallback score (0.35) from 4 domain scores: Device=0.0, Location=0.0, Network=0.0, Logs=0.0.

Test Execution Summary

Performance Comparison

- Autonomous Parallel: Avg 0.0s (Range: 0.0s - 0.0s)
- Autonomous Sequential: Avg 0.0s (Range: 0.0s - 0.0s)
- Separate API Calls: Avg 0.1s (Range: 0.1s - 0.2s)

Recommendations

- Monitor failed tests and investigate root causes
- Consider performance optimizations for slower execution modes
- Ensure all domain risk scores are non-zero for proper validation
- Verify LLM thoughts are generated for all analysis domains
- Test with different entity types to ensure broad compatibility

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OLORIN Investigation System - Comprehensive Test Report