

# 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:	<span>❌</span> 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:	<div>❌ FAILED</div>

## 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 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 authenticat...

## 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 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 authenticat...

## 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:	<span>❌</span> 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:	<div>❌ FAILED</div>

## 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 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 authenticat...

## 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:	✅ 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 authenticat...

## 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:	<div>❌ FAILED</div>

## 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:	<div>❌ FAILED</div>

## 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 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 authenticat...

## 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 authenticat...

## 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:	<div>❌ FAILED</div>

## 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:	<div>❌ FAILED</div>

## 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 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 authenticat...

## 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 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 authenticat...

## 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

Report generated on 2025-06-19 at 03:03:44  
OLORIN Investigation System - Comprehensive Test Report