

Observability Demo: E2E

Demo

RCA

Setup

1. Open the button label="Elasticsearch" Instruqt tab
2. Navigate to Alerts
3. Refresh until there are no active alerts (leftover from startup)
4. Navigate to Workflows
5. Enable workflow alert_queue

Generate Alerts

1. Open the button label="Trader" Instruqt tab
2. Navigate to ERROR
3. Open DB, select Generate errors, and click SUBMIT

Monitoring

1. Open the button label="Elasticsearch" Instruqt tab
2. Navigate to Workflows
3. Note that alert_queue will trigger, then alert_dequeue, then alert_process, then case_dequeue, then case_process. You can alert_process and case_process to follow along.

Outcome

1. Open the button label="Elasticsearch" Instruqt tab
2. Navigate to Cases
3. Eventually you should have a new Case created with all 3 alerts correlated and attached, followed by a Root Cause analysis

Remediation

1. Open the button label="Elasticsearch" Instruqt tab
2. Navigate to Cases
3. Open the created Case
4. Follow the link at the bottom to continue the investigation
5. In the AI Assistant, enter the following can you restart the proxy service?
6. Wait for confirmation that the process has been restarted
7. Navigate to Workflows
8. Open the remediation_restart_service workflow, click Executions, and follow along with the last execution
9. Open the button label="host-1" Instruqt tab
10. Enter the following on the command line

```
kubectl -n trading-1 get pods
```

11. Note that the proxy pod has been recently restarted!
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