

Watson AIOps Demo Environment Installation - Checklist

Prerequisites

- ☐ Install Tooling
- ☐ Get the scripts and code from GitHub

AI and Event Manager Base Install

- ☐ Adapt install configuration
- ☐ Start installation
- ☐ Create NOI User that can see Topology

Demo Apps in AI Manager

- ☐ Create Dummy Slack integration
- ☐ Create Apps

Demo Apps

- ☐ Install Bookinfo
 - ☐ Install Bookinfo generate load
- ☐ Install KubeToy
- ☐ Install SockShop
 - ☐ Install SockShop generate load

NOI Webhooks

- ☐ Humio Webhook
- ☐ Falco Webhook (optional)
- ☐ Git Webhook (optional)
- ☐ Metrics Webhook (optional)
- ☐ Instana Webhook (optional)
- ☐ Copy the Webhook URLs into 01_config.sh
- ☐ Create NOI Menu item

HUMIO

- ☐ Install HUMIO
 - ☐ Change developer password (optional)
- ☐ Configure Humio
- ☐ Limit retention
 - ☐ Change retention size for aiops
 - ☐ Change retention size for humio
- ☐ Humio Fluentbit
 - ☐ Install DaemonSet
 - ☐ Modify DaemonSet
- ☐ Configure Humio Notifier
- ☐ Create Alerts
 - ☐ BookinfoProblem
 - ☐ BookinfoRatingsDown
 - ☐ BookinfoReviewsProblem
 - ☐ KubetoyLivenessProbe
 - ☐ KubetoyAvailabilityProblem

☐ SockShopAvailability

☐ SockShopCatalogue

Train the Models

☐ Prerequisite - adapt for ROKS S3 Storage

☐ Training - Bookinfo

☐ Training - Sockshop

☐ Training - Kubetoy

Humio Connection from AI Manager (Ops Integration)

Connections from AI Manager (Ops Integration)

☐ Create Humio Ops Integration on Bookinfo App

☐ Create Humio Ops Integration on Sockshop App

☐ Create NOI Ops Integration on Bookinfo App

☐ Create NOI Ops Integration on Sockshop App

☐ Create NOI Ops Integration on Kubetoy App

☐ Create Log Ops Integration on Bookinfo App

Configure Event Manager / ASM Topology

☐ Load Topologies for Sockshop and Bookinfo

☐ Create Templates

☐ Create grouping Policy

Configure Runbooks

☐ Create Bastion Server

- ☐ Create the NOI Integration
 - ☐ In NOI
 - ☐ Adapt SSL Certificate in Bastion Host Deployment.
- ☐ Create Automation
- ☐ Create Runbooks
- ☐ Add Runbook Triggers

Install Event Manager Gateway

- ☐ Create Strimzi route
- ☐ Copy secret strimzi-cluster-cluster-ca-cert
- ☐ Get needed info
- ☐ Modify Template
- ☐ Apply Manifest

Create ASM Integration in AI Manager

- ☐ Create the Operations integration for the AppGroup
 - ☐ Get certificate
 - ☐ Input values
- ☐ Check ASM connection

Slack integration

- ☐ Refresh ingress certificates (otherwise Slack will not validate link)
- ☐ Integration
- ☐ Change the Slash Welcome Message

Some Polishing

- ☐ Make Flink Console accessible

- ☐ Check if installation is ok
- ☐ Check if data is flowing
- ☐ Create USER
- ☐ Change admin password AI Manager