

2022-06-15 - EMCO: Orchestration and Demo of LCM of AnyLog using EMCO

Topic Leader(s)

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Topic Description

30m

Orchestration and LCM of AnyLog using EMCO and AnyLog Demo.

Topic Overview

As of today, there are no data services at the edge which are similar to what the cloud is able to offer. The integration of the AnyLog Network with EMCO delivers a "cloud-like" solution at the edge and provides a new, unique option for the industry. Using AnyLog, developers are able to connect cloud and edge applications with the data at the edge without intermediaries (the public clouds). It is an opportunity to replace the cloud providers in servicing the data, provide real-time insight to edge data, and lower the cost.

In this demo, we'll show that using EMCO, developers can deploy and manage AnyLog instances at the edge from a single point and using the AnyLog Network, manage and view the distributed edge data from a single point.

EMCO Demo:

1. Onboard all 4 target clusters to EMCO.
2. Onboard AnyLog Master, Operator and Query helm charts to EMCO.
3. Orchestrate AnyLog Master to Cluster-1.
4. Orchestrate AnyLog Operator to Cluster-2 and Cluster-3 (NEW_CLUSTER: "demo-cluster2").
5. Orchestrate AnyLog Query to Cluster-4.
6. Orchestrate Grafana to Cluster-4.

AnyLog Demo:

1. AnyLog - Explain/Show the setup with multiple (2) nodes hosting data
2. AnyLog - Explain/Show that data processing at the edge is automated (from schema creation to HA).
3. Explain the current approach - to have a unified view, data moved to the cloud
4. AnyLog - Explain/Show a unified view of all the edge data (from the 2 nodes).
5. Aarna - Explain/Show deploying a new storage node (I think we need to automate the simulator to push data when the node is up and running)
6. AnyLog - Explain/Show a unified view of all the edge data (now from the 3 edge nodes).

Note: Speakers will NOT be available on Thursday, June 16.

Slides & Recording



YouTube

- Demo

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The slides are [here](#).

The session recording is [here](#).

Agenda

Minutes

Action Items

