

Accelerating Open Observability with CloudFabrix Observability Data Modernization Service(ODMS) and Extension Apps for Cisco FSO Platform

Cisco FSO Platform Overview

The Cisco FSO platform aims to address operational silos and prioritize the importance of user experience in the digital landscape, embracing a vision where “Experience is the new Digital currency”. The FSO platform ingests, stores, and provides a unified query engine for Open Telemetry signals in a unique relationship-based entity model. The platform enables partners to build an ecosystem of applications with Business and IT Contexts

CloudFabrix (Design Partner) Solution For Cisco FSO Platform

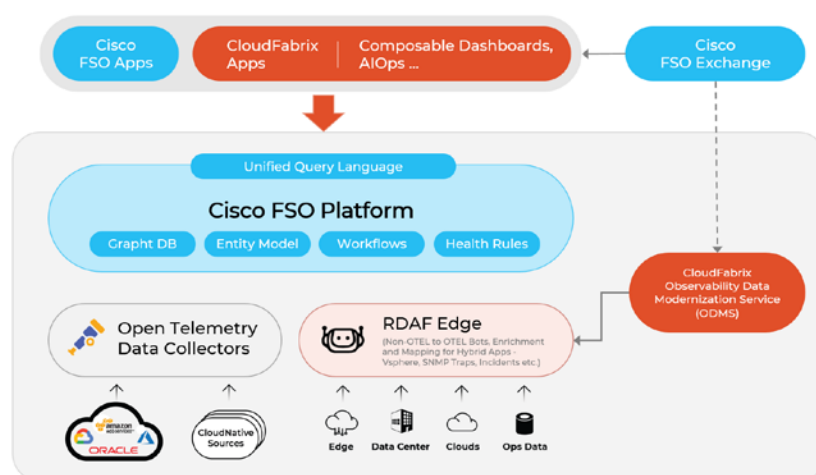
CloudFabrix Observability Data Modernization service, purpose-built extension for the Cisco FSO Platform exchange, empowers organizations with comprehensive insights into observability across a broad range of data sources. This module seamlessly integrates traditional/hybrid monitoring sources such as vSphere, vROps etc, performs conversion of non-open telemetry observability data into OTEL compliant format and ingests them into FSO Platform.

Along with the ingestion and conversion, the module also contextualizes the observability data with insights like complete dependency map for your entire infrastructure, connecting the dots between business services, applications, and underlying infrastructure layers (containerized/virtualized/physical). This additional context helps gain insights, helps troubleshoot, and optimize the entire business technology stack.

Another key aspect of the CloudFabrix offering is its robust support for the FSO Platform Exchange ecosystem. This enables organizations to leverage a diverse range of pre-packaged applications, including AIOps, Composable Analytics, Generative AI, and Asset Intelligence. These purpose-built applications are carefully designed to accelerate Organizations data analytics journey addressing the needs of different IT stakeholders and IT domains.

By harnessing the capabilities of these ready-to-use applications, Organizations can gain instant access to actionable insights, empowering the organization to make informed decisions and drive business growth.

The solution is built on modern architecture principles, ensuring seamless scalability and adaptability to meet evolving infrastructure needs. It supports a wide range of deployment models, including on-premises, cloud, and hybrid environments.



Key Solution Capabilities

CloudFabrix solution consists of three key modules that address various aspects of observability modernization services implementation and FSO Exchange ecosystem support

RDA Edge

- ▶ Purpose built module for Open observability implementations
- ▶ Primary responsibility is to integrate with local data sources and discover/collect and ingest data to upstream platforms or services.
- ▶ Packaged with extensions, bots and pipelines to integrate with monitoring and observability sources and convert/enrich to Otel format
- ▶ Supports many data ingestion types including: Alerts, SNMP traps, syslogs, incidents, gNMI, Bulkstats, gRPC etc.
- ▶ Can be deployed as a container in DC/Cloud/VPC/Edge etc environments.

Observability Data Modernization Service

- ▶ Purpose built observability service to convert traditional MELT data sources to Open telemetry format
- ▶ Contextualize the data with dependency mapping and other metadata within the domain
- ▶ Cross-domain linkage to provide enhanced observability experience (ex: Linkage Between APM and Infrastructure domain, and K8S to Infrastructure domain)
- ▶ Native integration with Cisco FSO Platform (extensible to other observability data platform...)

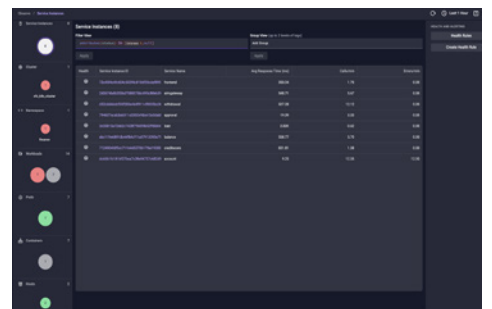
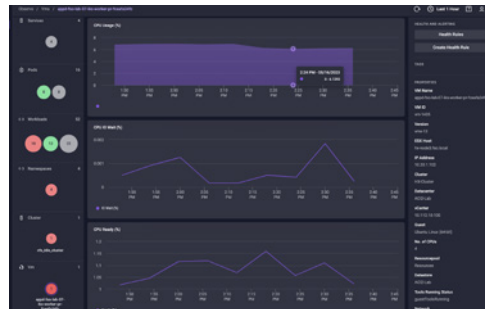
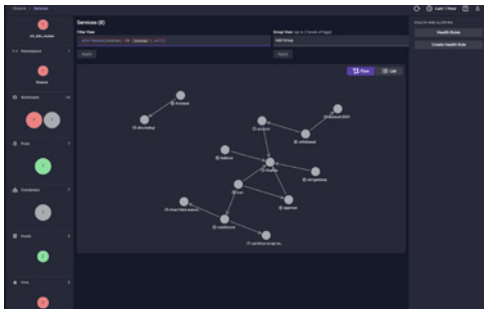
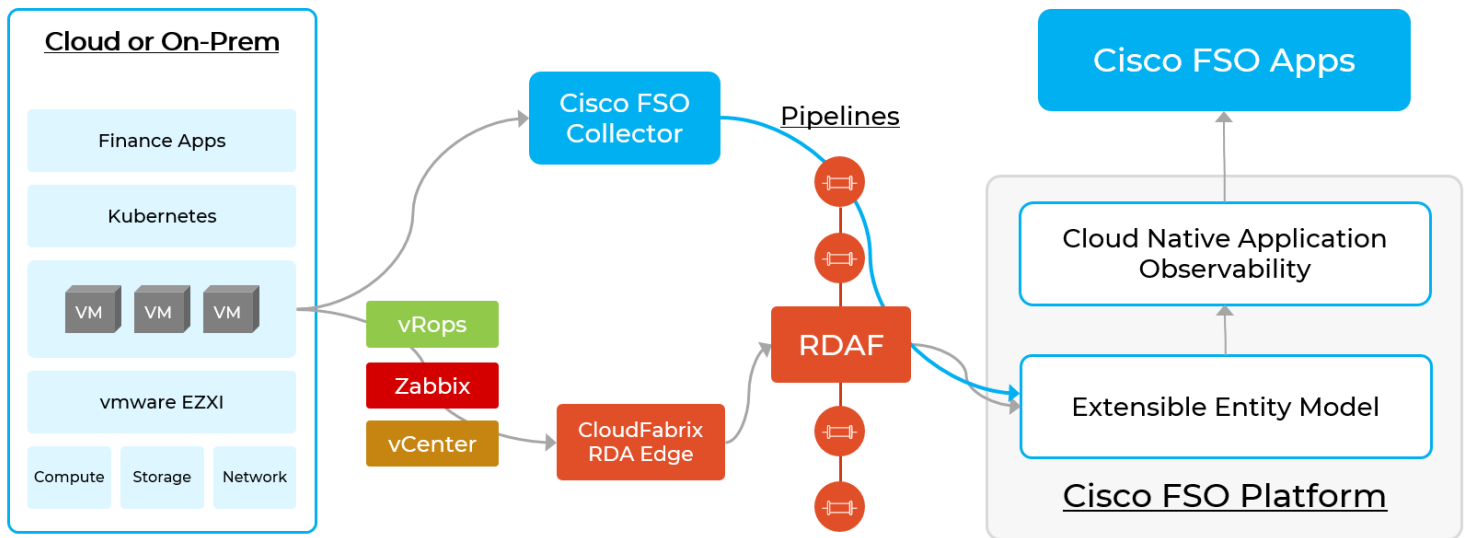
Cisco FSO Platform Exchange Apps/Modules

- ▶ Readily usable apps/modules that can be subscribed and utilized by any Cisco FSO Platform customer.
- ▶ Data ingested by CloudFabrix modules can be consumed by other apps of the Cisco FSO Platform ecosystem
- ▶ CloudFabrix is Design partner for Cisco FSO Platform and provides vSphere Observability, AIOps and other apps that can be readily used by Cisco FSO Platform customers.

Use Cases

- ▶ Onboard non-otel data sources to Cisco FSO platform
- ▶ Dependency mapping views b/w app and infrastructure - within AppD and standalone views
- ▶ Support AIOps outcomes - correlation, RCA and predictive insights
- ▶ Composable analytics/views and insights

vSphere Observability for Cisco FSO Platform



For more information visit:
<https://www.cloudfabrix.com>

To Request a demo or further queries:
<https://www.cloudfabrix.com/request-demo>

