Gigamon®

Application Metadata Exporter with Grafana (On-prem) Integration Guide

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(See *Change Notes* for document updates)

Change Notes

When a document is updated, the document version number on the cover page will indicate a new version and provide a link to the Change Notes table, which describes the updates.

Document Version	Date Updated	Change Notes
1.0	17-03-2026	The original release of this document.

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Application Intelligence Solution Integration with Grafana On-prem

This guide provides step-by-step instructions for monitoring application metadata from Gigamon using Grafana On-prem via Loki Data Source.

Note:

- *The guide is intended for customer deployments and assumes familiarity with basic GigaVUE-FM and Grafana administration.*
- *The integration flow outlined in this guide is based on GigaVUE-FM version 6.12 and Grafana cloud. Menu labels and UI layouts may change slightly across releases. Always refer to the latest GigaVUE Documentation Library and Grafana documentation for UI details.*

Grafana Integration—Architecture and Data Flow

For details on deployment scenarios, refer to the AMX Application Deployment Options.

Prerequisites

Before you start with the integration, ensure the following are in place:

- AMI and AMX solutions are deployed. For instructions, refer to:
  - Create Application Metadata Intelligence for Physical Environment
  - Create Application Metadata Intelligence for Virtual Environment
  - Configure Application Metadata Exporter Application
- Grafana and Loki should be installed on your Virtual Machine.
- You have access to Grafana instance.

Configure Grafana to ingest JSON data via Loki

To configure Grafana via Loki:

1. Log in to Grafana instance. In the left pane, click on the Connections drop-down.
2. Select the **Data Sources**. Click on **Add New Data source**.
3. Click on Loki, in the URL for the **Connection**. http://<<Loki-endpoint-IP>>:3100
4. Click **Save and Test** to validate the integration.

Configure Grafana details in GigaVUE-FM and Deploy

To set up Grafana details in GigaVUE-FM:

1. Log into GigaVUE-FM, go to **Traffic** > **Virtual** > **Orchestrated Flows**, and select your platform.
2. Select the Monitoring Session AMI node to open the configuration panel.
3. Click the menu icon on the AMX node and select **Details**. Then navigate to **Cloud Tool Exports**.
4. In the **Cloud Tool Exports** configuration, provide the Grafana details and save:
   - **Alias:** Provide an Alias name.
   - **Cloud Tool**: Other

- **Endpoint:** Enter the Endpoint URL generated in Grafana.

  For Example: http://10.114.83.101:3100/loki/api/v1/push

- **Header:** amx_exporter_plugin: grafana , use the **username** and **password** created while the VM was created.
- **Max Entries:** 1000
- **Labels:** Enter **Key**: event_type and **Value**: Gigamon.

***Note**:*

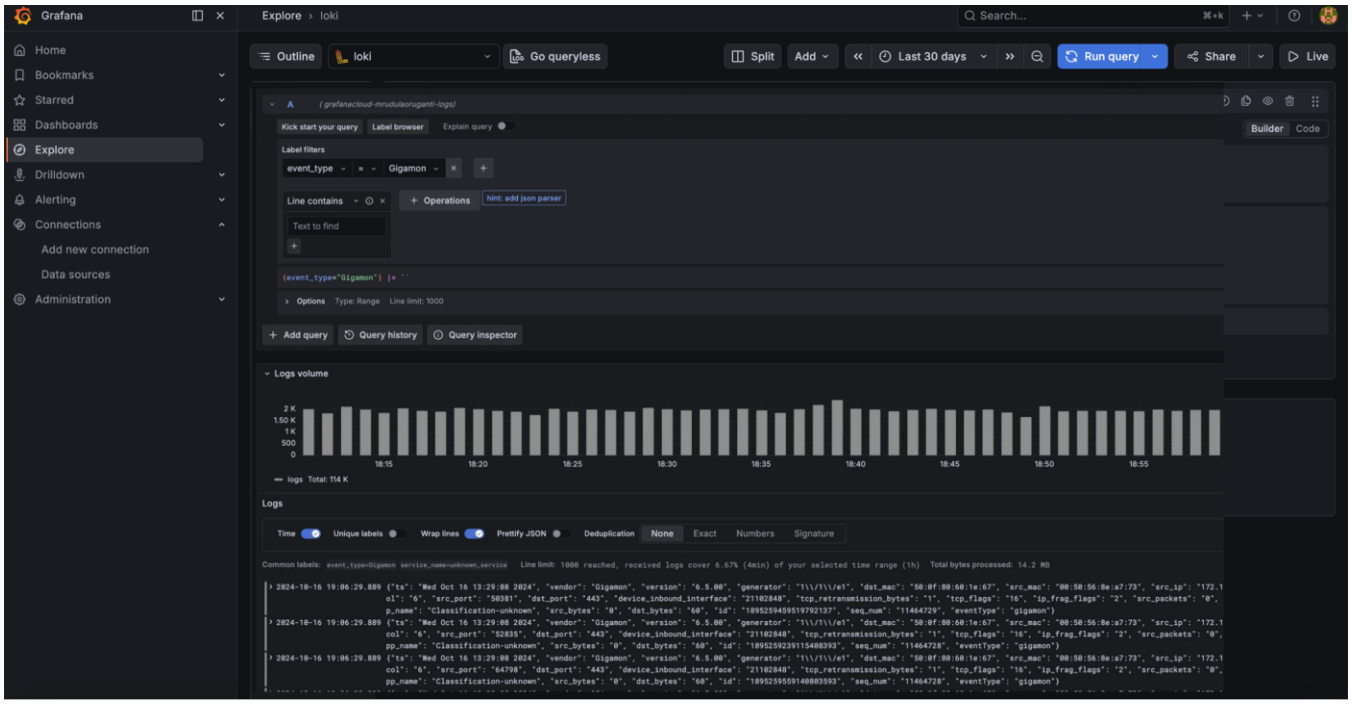
Enable 9093 port in AMX(V-series) and Grafana VM via cli, in case the port is closed, run the following command:
sudo ufw allow 9093/tcp
And enter this command:
sudo systemctl daemon-reload

5. Return to the Canvas, click **Actions > Deploy**.

Verify the Integration

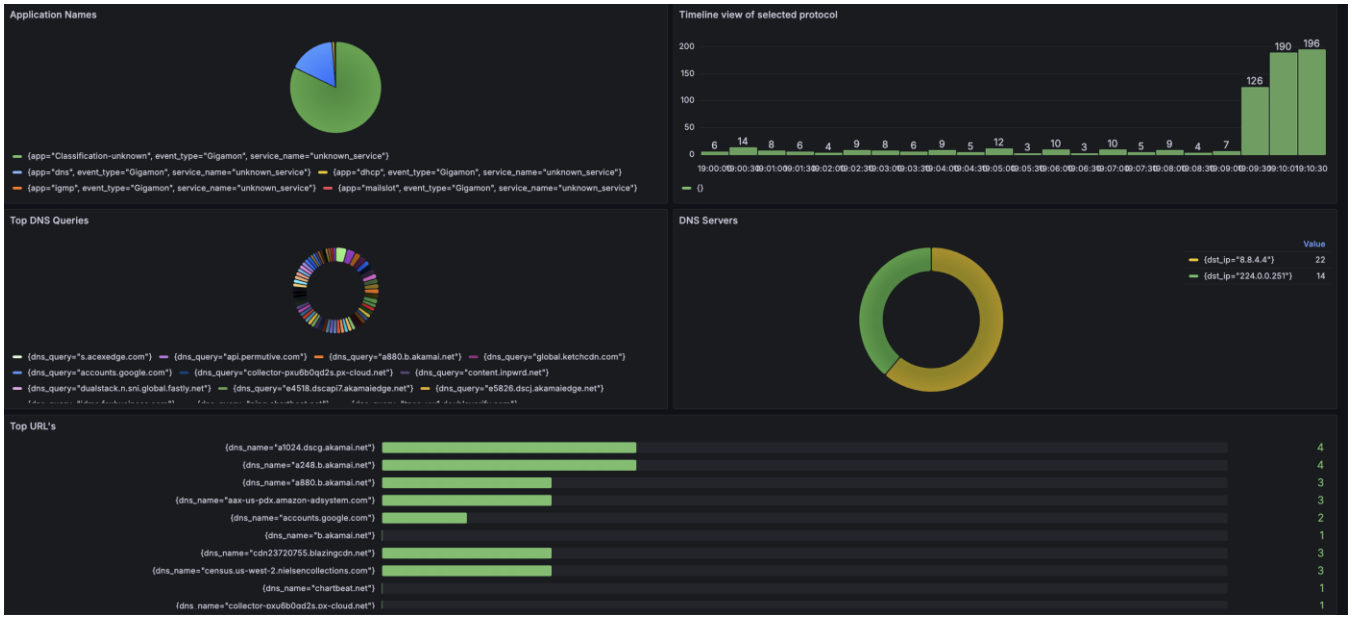
To verify if the integration is successful

1. Log in to your Grafana instance with port "3000". Eg; http://10.114.83.44:3000/login
2. In **Explore View**, select "loki" as data source and in **label filters**, select **event_type** as **Gigamon** and click on **Run Query** to see the traffic in Grafana.



Visualize the Dashboards in Grafana

Search for **Gigamon** in https://grafana.com/grafana/dashboards/ and select the dashboards you want and download the JSON files.



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