

Application Metadata Exporter with Splunk Cloud (JSON) Integration Guide

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Change Notes

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

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Application Intelligence Solution Integration with Splunk Cloud

This guide provides step-by-step instructions for monitoring application metadata from Gigamon using Splunk Cloud.

Note:

- The guide is intended for customer deployments, and it requires familiarity with basic GigaVUE-FM and Splunk Cloud administration.
- The integration flow outlined in this guide is based on GigaVUE-FM version 6.12, Gigamon Deep Observability App 2.3.1, and Splunk Cloud version 10.0.0. Menu labels and UI layouts may change slightly across releases. Always refer to the latest [GigaVUE Documentation Library](#) and [Splunk Cloud documentation](#) for UI details.

Splunk Cloud 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](#)
- You have access to the Splunk instance.

Configure HEC in Splunk Cloud to ingest JSON data

To create and configure HEC in Splunk Cloud:

1. Log in to Splunk Cloud using your Splunk Cloud URL and credentials.
2. Go to **Settings > Data > Data Inputs**.
3. In the **HTTP Event Collector**, click **Add New**.
4. Enter a HEC Name. It is recommended to set it to “Gigamon” and click **Next**.
5. Set **Source type** to **gigamon:traffic**. This enables the expected Splunk data model mappings.
6. Set the **Default index** to main, unless your environment requires a different index.
7. Click **Review**. Review the HEC configuration summary and click **Submit** to create a token. After the token is created, copy the HEC token value. You will use this token in the AMX configuration.

Configure Splunk Cloud details in AMX and Deploy

Before you begin, ensure AMX is deployed and running.

To set up Splunk details in AMX and integrate Splunk Cloud with GigaVUE-FM:

1. Log into GigaVUE-FM, go to **Traffic > Virtual > Orchestrated Flows**, and select your cloud platform.

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