

# Application Intelligence Solution with Datadog Integration Guide

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(See [Change Notes](#) for document updates)

# Change Notes

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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.

Document Version	Date Updated	Change Notes
1.0	27-03-2026	The original release of this document.

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## Application Intelligence Solution Integration with Datadog

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

### Note:

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

### Datadog 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 Datadog instance.

### Configure Datadog to Ingest JSON data

To configure Datadog to ingest JSON data:

1. Log in to the Datadog using your credentials.
2. Go to your profile, under **Organization Settings**, click on **API Keys**.
3. In the **API Keys** page, select **New Key**.
4. In the New API key dialog, enter a name for the key.
5. Click **Create Key**. Copy the generated key and store it.

### Configure Datadog details in GigaVUE-FM and Deploy

To set up Datadog details in GigaVUE-FM:

1. Log into GigaVUE-FM, go to **Traffic > Virtual > Orchestrated Flows**, and select your platform.
2. Select the AMX node's Monitoring Session to open the configuration panel.
3. Click the menu icon on the AMX node and select **Details**.
4. Go to **Cloud Tool Exports**. In the **Cloud Tool Exports** configuration:
  - **Alias:** Enter an Alias name.

- **Endpoint:** Enter the required Datadog **endpoint** in the format: <https://<endpoint>/v1/input/<APIKEY>>  
Use the API Key that was generated earlier in Datadog.
  - **Header:** Add the header as "Content-Type: application/json; charset=utf-8"
  - **Type:** Select AML.
  - **Labels:** Enter **Key** as "ddsouce" and **Value** as "Gigamon".
5. **Save** the configuration.
  6. Return to the Canvas, click **Actions > Deploy** the Monitoring Session.

## Verify the Integration

To verify if the integration is successful

1. Log into Datadog **homepage > Logs > Explorer**.
2. In the **Logs Explorer** tab, enter the following query in the search to filter Gigamon data: **source:gigamon**.
3. The corresponding JSON logs passing through the Datadog will be displayed.

The screenshot displays the Datadog Logs Explorer interface. At the top, there's a search bar with the query 'source:gigamon'. Below the search bar, there's a bar chart showing log volume over time. The main area shows a list of log entries with columns for DATE, HOST, SERVICE, and CONTENT. The content column shows JSON logs with fields like 'sys\_up\_time\_first', 'end\_reason', 'end\_time', and 'generator'.

**Get started with Log Management**

- Slice and dice your logs with facet search and autocomplete
- Compare logs from different data sources with multiple queries, formulas, and functions
- Group your logs with powerful aggregations to cut through the noise, and use visualizations to bubble up decisive information
- Share your findings with seamless exports and simple URL sharing

[Learn More](#)

DATE	HOST	SERVICE	CONTENT
Sep 17 16:38:89.727			{"sys_up_time_first":"394038","end_reason":"","end_time":"2024-09-17 16:38:17.642","generator":"gs_apps_appInst9_423330e5-4a3d-f283-14cb-b6642e5854e9","seq_num":"38922891","version":"16.6..
Sep 17 16:38:89.727			{"sys_up_time_first":"391245","end_reason":"","end_time":"2024-09-17 16:38:14.249","generator":"gs_apps_appInst9_423330e5-4a3d-f283-14cb-b6642e5854e9","seq_num":"38922890","version":"16.6..
Sep 17 16:38:89.727			{"sys_up_time_first":"382433","end_reason":"","end_time":"2024-09-17 16:38:05.437","generator":"gs_apps_appInst9_423330e5-4a3d-f283-14cb-b6642e5854e9","seq_num":"38922889","version":"16.6..
Sep 17 16:38:89.727			{"sys_up_time_first":"381263","end_reason":"","end_time":"2024-09-17 16:38:04.266","generator":"gs_apps_appInst9_423330e5-4a3d-f283-14cb-b6642e5854e9","seq_num":"38922888","version":"16.6..
Sep 17 16:38:89.727			{"sys_up_time_first":"373218","end_reason":"","end_time":"2024-09-17 16:38:01.214","generator":"gs_apps_appInst9_423330e5-4a3d-f283-14cb-b6642e5854e9","seq_num":"38922887","version":"16.6..

## Visualize the Dashboards in Datadog

For viewing the Dashboards, contact your respective Gigamon Sales representative for assistance.

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