



How-To Guide

Configure Azure Data Factory to forward logs to EventTracker

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Abstract

This guide provides instructions to configure and retrieve the Azure Data Factory events via the Azure Event Hub and then forward the logs to EventTracker.

Scope

The configuration details in this guide are consistent with Azure Data Factory and EventTracker version 9.3 or later.

Audience

This guide is for the administrators responsible for configuring the Azure Data Factory events using EventTracker.



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1 Overview

Azure Data Factory is a cloud-based data integration service used to create data-driven workflows in the cloud for orchestrating and automating data movement and transformation. It also helps to monitor and manage workflows using both programmatic and UI mechanisms.

Netsurion facilitates monitoring events retrieved from the Azure Data Factory. The dashboard, category, alerts, and reports in Netsurion's threat protection platform, EventTracker, benefit in tracking possible attacks, suspicious activities, or any other threat noticed.

2 Prerequisites

- An Azure subscription and a user who is a global administrator.
- An Azure Resource group.
- EventTracker Manager details (Manager Hostname, Port, Manager public IP address, and Organization name).

3 Configuring Azure Data Factory to forward logs to EventTracker

Integrate Azure Data Factory with EventTracker by streaming the logs to the Azure Event Hub, and from Azure Event Hub to EventTracker using the function app.

3.1 Create Event Hub and Function App

Refer to the configuration of <u>Azure Data Factory</u> to forward logs to EventTracker.

3.2 Configuring Azure Data Factory to stream events to Event Hub

To configure Microsoft Azure Data Factory to stream events to Event Hub, as an Administrator,

- 1. Log in to Microsoft Azure and create an event hub namespace.
- 2. In the Microsoft Azure console, click All services, then search and click Data factories.

Microsoft Azure	𝒫 data factories	
	Azu All Services (32)	
	Azure Active Directory (0)	
	Services	
	re 🔛 Data factories	

3. Then, select the appropriate Data factory which to monitor.



4. From the left panel, go to Monitoring > Diagnostics settings and click Add diagnostics setting.



+ Add diagnostic setting

Click 'Add Diagnostic setting' above to configure the collection of the following data:

- Pipeline activity runs log
- Pipeline runs log
- Trigger runs log
- Sandbox Pipeline runs log
- Sandbox Activity runs log
- SSIS package event messages
- SSIS package executable statistics
- SSIS package event message context
- SSIS package execution component phases
- SSIS package exeution data statistics
- SSIS integration runtime logs
- AllMetrics
- 5. In the **Diagnostic setting** interface, specify the following details.

🛛 Save 🗙 Discard 🗻 Delete 🔗 Feedback	
diagnostic setting specifies a list of categories of platform logs and/o d one or more destinations that you would stream them to. Normal u ore about the different log categories and contents of those logs	r metrics that you want to collect from a resource, sage charges for the destination will occur. <u>Learn</u>
agnostic setting name * ADFlogs	✓
ogs	Destination details
Category groups ① allLogs	Send to Log Analytics workspace
Categories	Archive to a storage account
Pipeline activity runs log	Stream to an event hub
Pipeline runs log	For potential partner integrations, click to learn more about event hub integration.
Trigger runs log	Subscription PAYG-ET-AZURE-KP-DEV
Sandbox Pipeline runs log	Event hub namespace *
Sandbox Activity runs log	MyHubET01 V Event hub name (optional)
SSIS package event messages	ethubtrigger023 🗸
SSIS package executable statistics	Event hub policy name RootManageSharedAccessKey
SSIS package event message context	Send to partner solution
SSIS package execution component phases	
SSIS package exeution data statistics	



- Provide the Diagnostics settings name, such as EventTracker_Data factory.
- From the left of the interface, in the **Logs** section select the following logs.
 - Pipeline activity runs log
 - Sandbox Activity runs log
 - SSIS package executable statistics
 - SSIS package event message context
 - SSIS integration runtime logs
 - SSIS execution data statistics
- From the right of the interface, in the Destination details section, select stream to an Event Hub and then choose the following.
 - **Subscription:** Select the desired Azure subscription.
 - Event Hub namespace: Select the Event Hub namespace.
 - Event Hub name: Select Event Hub created under Event Hub namespace.
 - Event Hub policy name: Select the Event Hub policy.
- 6. After providing all the details, click Save.



About Netsurion

Netsurion[®] delivers an adaptive managed security solution that integrates our XDR platform with your existing security investments and technology stack, easily scaling to fit your business needs. Netsurion's managed offering includes our 24x7 SOC that operates as your trusted cybersecurity partner, working closely with your IT team to strengthen your cybersecurity posture. Our solution delivers Managed Threat Protection so you can confidently focus on your core business.

Headquartered in Ft. Lauderdale, FL with a global team of security analysts and engineers, Netsurion is a leader in Managed Detection and Response (MDR) and a Top 25 Global MSSP. Learn more at <u>www.netsurion.com</u>.

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