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ArcGIS GeoEvent Server 10.6 Patch 3

Summary

This patch includes enhancements and addresses issues, including multiple security vulnerabilities found in log4j distributed with ArcGIS GeoEvent Server. Esri recommends that all customers using ArcGIS GeoEvent Server 10.6 apply this patch.

Description

- Clearing the browser cache will be required after this patch is installed to properly load the updated GeoEvent Manager User Interface.
- ArcGIS GeoEvent Server Patches cannot be uninstalled. To roll back a patch requires a fresh install of GeoEvent Server.

Enhancements and Issues Addressed with this Patch

- BUG-000145348 - Update GeoEvent Server to replace unpatched Log4j libraries.

To avoid conflicts with previous releases and patches, the following issues are also addressed with this patch:

- BUG-000120348 - Stream Services encountering dropped events and instability when processing high complexity or high velocity data streams.
- BUG-000118323 - Event throughput degradation.
- BUG-000119717 - GeoEvent Service validation fails to catch loops in the service event processing pipeline.
- BUG-000109318 - Unable to connect the data store connection in ArcGIS GeoEvent manager to a portal configured with a Public Key Infrastructure (PKI) authentication.
- BUG-000114374 - Service Discovery taking longer to re-sync with 10.6.0 release.
- BUG-000117250 - Stream Service GeoFence Sync Rule does not start IF the layer is not ready in the DataStore Cache.
- BUG-000117249 - System instability observed when using stream services to synchronize geofences.
- BUG-000117248 - GeoEvent won't stop promptly when there is a sync rule configured using stream service.
- BUG-000114349 - ArcGIS GeoEvent Manager fails to load in Chrome 67.
- BUG-000112836 - Specifying an incorrect geometry field results in null pointer exceptions when consuming GeoFences.
- BUG-000107723 - Hierarchical GeoEvent Definitions cannot be edited and saved in GeoEvent Manager 10.6.
- BUG-000111776 - ArcGIS GeoEvent Server unable to apply edits to nested values in definitions created from extensible markup language (XML) input sources.
- BUG-000114373 - Websocket Connection to Stream Services do not all get data in a multi-machine setting.
- BUG-000114528 - Incorrectly calculated number of Kafka brokers prevents proper starting and stopping of components.
- BUG-000114696 - Simulator application unable to parse CSV files with more than 10,000 character strings.
- BUG-000114698 - Logger application unable to render event output with more than 10,000 character strings.
- BUG-000114699 - Simulator application does not proper refresh the user interface when selecting a different host in the connections hosts combo-box.

Installation Instructions for Windows

1. Login with an Administrator Windows account.

2. Download the patch to a location other than your ArcGIS installation location.

	Checksum (Sha256)

ArcGISGeoEvent_106_Patch3.exe	5bcff608281860a9a0440a3d8f0e7c6f0901cf7331e76aad5635023cb43f3e68

3. Double-click **ArcGISGeoEvent_106_Patch3.exe** to extract the GeoEvent 10.6 Patch 3 windows setup.

4. Browse to the extraction location and double-click **Setup.exe** to launch the setup program.

5. Complete the installation by following Step 3: Installing ArcGIS GeoEvent Server of the GeoEvent Server installation guide which includes additional mandatory and optional instructions as well as instructions on installing silently.

Installation Instructions for Linux

1. Log in as the user that installed ArcGIS Server.
   Note: For the Amazon AMI this is the user **arcgis**.

2. Download the patch to a location other than your ArcGIS installation location.

	Checksum (SHA256)
GeoEvent-10.6.0-Patch3.tar.gz	4f4957d635f1450223bb3e122ca364f246448c46160807c8c3599f1233d2671c

3. Complete the installation by following Step 3: Installing GeoEvent Server of the GeoEvent Server installation guide which includes additional mandatory and optional instructions.

Patch Updates

Check the Patches and Service Packs page periodically for the availability of additional patches. New information about this patch will be posted here.

How to identify which ArcGIS products are installed

To determine which ArcGIS products are installed, choose the appropriate version of the PatchFinder utility for your environment and run it from your local machine. PatchFinder will list products, hot fixes, and patches installed on your local machine.

- PatchFinder for Windows
- PatchFinder for Linux/Unix

To determine which version of ArcGIS GeoEvent Server is installed append `/version.txt` to the GeoEvent Manager URL. For example:

```
https://localhost:6143/geoevent/manager/version.txt
```

Getting Help

Domestic sites, please contact Esri Technical Support at 1-888-377-4575, if you have any difficulty installing this patch. International sites, please contact your local Esri software distributor.

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