



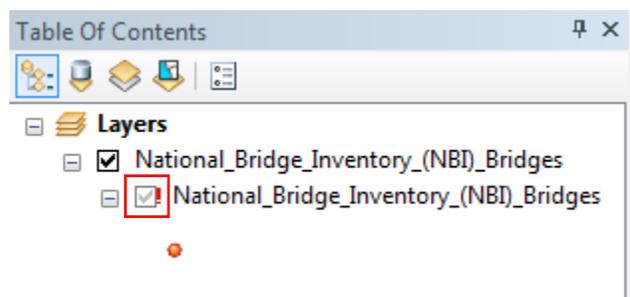
How to Update a REST Service Link

Welcome to the **Homeland Infrastructure Foundation-Level Data (HIFLD) Subcommittee** online community. This tutorial will provide a quick overview on how to update a REST Service link.

By leveraging HIFLD REST Services, you can save pre-loaded services within your GIS. Occasionally, the HIFLD team will need to take down a REST Service in order to replace the layer. If this happens, the updated active link will then be posted on HIFLD Open/Secure. The following are steps to replace the inactive link with an updated active link.

This tutorial demonstrates the process in both ArcMap and ArcGIS Online. First, is ArcMap.

Step 1: Identify the problem



The layer has a red exclamation mark next to it because that link is no longer active.

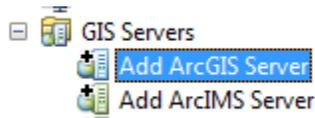
Step 2: Find the desired layer on [HIFLD Open](#).



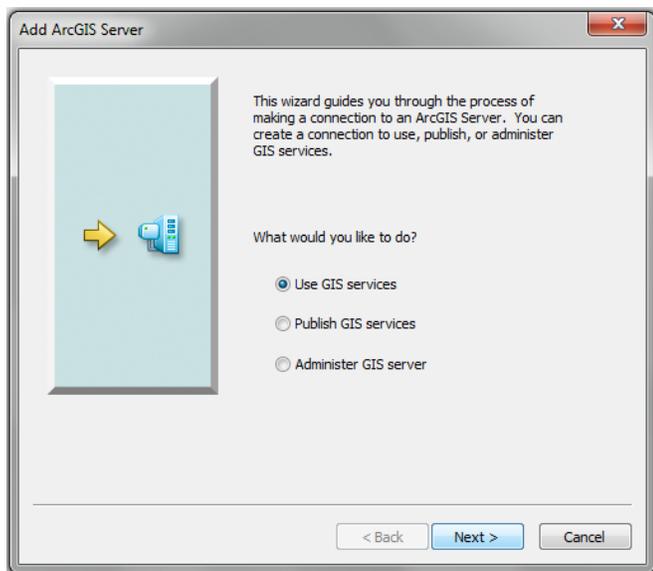
Copy the new link under GeoService.



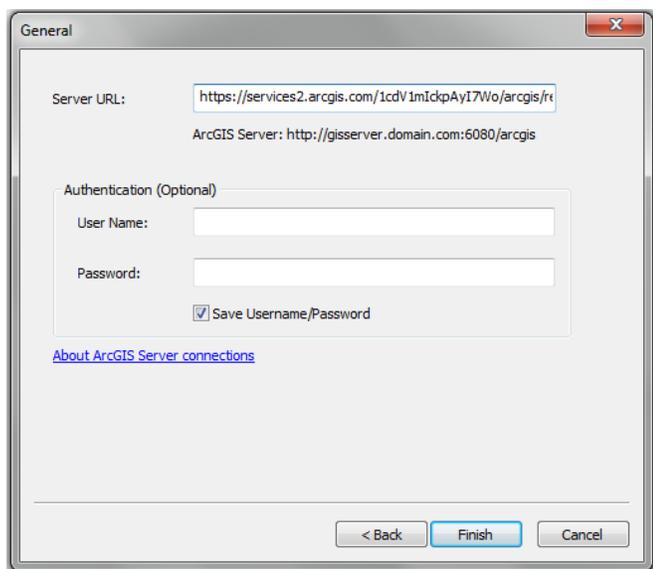
Step 3: Re-connect the REST Service



Select “Add ArcGIS Server” in the ArcCatalog window of ArcMap.



Select “Use GIS Services” then click “Next”.



After pasting the URL from HIFLD Open, select “Finish”, which will add the REST endpoint to your ArcCatalog window.



- National_Hydrography_Dataset_(NHD)_Points_(Medium_Resolution)
- National_Hydrography_Dataset_(NHD)_Water_Bodies_(Medium_Resolution)
- National_Bridge_Inventory_(NBI)_Bridges**
- National_Hydrography_Dataset_(NHD)_Areas_(High_Resolution)
- National_Hydrography_Dataset_(NHD)_Lines_(High_Resolution)

Select the desired dataset and pull it into your map. To avoid confusion, you should delete the old inactive layer out of your ArcMap document. The new REST Service URL should function as desired!

Fixing the inactive REST Service link in ArcGIS Online:

The process is similar with ArcGIS Server

Step 1: After trying to access the registered service in ArcGIS Online, an error will pop up saying that the service cannot be accessed.

Step 2: Delete the old REST Service

Overview Data Visualization Usage Settings

General Settings Feature Layer Settings

General Settings

Delete Protection

Prevent this item from being accidentally deleted.

Delete Item

Click “Delete Item” which will remove it from your “My Content”.



Step 3: Find new REST Service URL by searching for it on [HIFLD Open](#).

Open In ArcGIS | Share | Download Dataset | APIs

Full Dataset

GeoJSON

<https://hifld-dhs-gii.opendata.arcgis.com/datasets/94c41>

GeoService Press CTRL-C To Copy

<https://services2.arcgis.com/1cdV1mIckpAyI7Wo/arcgis/r>

Filtered Dataset

GeoJSON

<https://hifld-dhs-gii.opendata.arcgis.com/datasets/94c41>

GeoService

<https://services2.arcgis.com/1cdV1mIckpAyI7Wo/arcgis/r>

Click “APIs” and then select the link under “GeoService” and copy it.

Step 4: Add new REST Service to AGOL

Item from the web ?

Reference an item on the Web.

Type:

- ArcGIS Server web service
- WMS (OGC)
- WMTS (OGC)
- KML
- WFS (OGC)
- Document

URL:

Title:

Tags:
Add tag(s)

Select “Add Item” and then “From Web”. Populate the URL field with the link from HIFLD Open. You can then edit the “Title” and “Tags” fields. After clicking “Add Item”, your new REST Service should be ready for use!