Eagle Technology

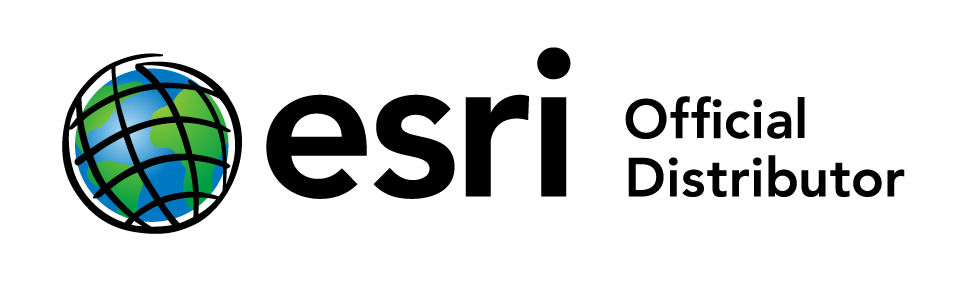
Locator View Proxy Implementation

ArcGIS Enterprise

A picture containing ocean floor

Description automatically generatedMap

Description automatically generatedA picture containing grass, sky, outdoor, scene

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# Proxy Implementation

The following described how to use and configure a custom implementation of the Esri proxy to allow for the use of a Locator View within ArcGIS Enterprise.

This workflow is primarily developed for ArcGIS Enterprise Implementations that are using Integrated Windows Authentication, as this does not allow the creation of Locator Views out of the box.

## Prerequisites

1. An ArcGIS Online account
2. Access to an IIS Server that is publicly accessible.
3. An administrative account for ArcGIS Enterprise.

## Create the Locator View

Open ArcGIS Online and create the Locator View.

1. Open ArcGIS Online and for to your content page.
2. Select *New Item.*



1. Select *Location (view)* in the dialog box.

Graphical user interface, text, application, email

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1. Fill out the required details for your view and click *Save*.

Graphical user interface, text, application, email

Description automatically generated

1. Configure the Locator to your requirements.
2. On the *Overview* section of the Locator, copy out the URL of the Locator.

Graphical user interface, application, table

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1. Share the proxy with either the organisation or just to the current user.
2. The recommendation if sharing to just a user, is that the user be a simple read only user.

## Install the proxy

1. Download the proxy.zip file from GitHub.
2. Unzip the contents of the folder and paste them into the default website folder for IIS. (This is generally C:\inetpub\wwwroot).
3. Open next, open the proxy.config file and update the following values in the *serverUrl* section:
   1. portalUrl – this should be the url to the ArcGIS Online organisation account (no trailing slash)
   2. username – the username of a readonly user who has access to the locator.
   3. password – the password for the above user.

Graphical user interface

Description automatically generated with medium confidence

1. Next, in the *ProxyConfig* section, update the *allowedReferers* to the URL of your Enterprise instance appending a ‘\*’ to the end. This will ensure that only connections coming from your portal will be able to use the Locator View.



1. Next open a browser, and see if you can access the proxy, by typing in *https://<domain>/proxy/proxy.ashx*

Graphical user interface, text, application, email

Description automatically generated

## Configure the Locator as Utility service in ArcGIS Enterprise

1. Open ArcGIS Enterprise with an administrative account.
2. Open the *Organisation* -> *Settings* page.

Background pattern

Description automatically generated

1. Scroll down and select the *Utility services* section.

Graphical user interface, text, application, Teams

Description automatically generated

1. Scroll down to the *Geocoding* section and select *Add locator*.

Graphical user interface, text

Description automatically generated with medium confidence

1. Configure the Locator to use a URL, for the URL enter the address of your proxy, followed by the URL to the Locator on ArcGIS Online, ensuring you use a “?” between the two. E.g:

[**https://localmaps.demos.eaglegis.co.nz/proxy/proxy.ashx?**https://utility.arcgis.com/usrsvcs/servers/0cf57a62a08d4c78a51dda1edd51cf33/rest/services/World/GeocodeServer](https://localmaps.demos.eaglegis.co.nz/proxy/proxy.ashx?https://utility.arcgis.com/usrsvcs/servers/0cf57a62a08d4c78a51dda1edd51cf33/rest/services/World/GeocodeServer)

Fill out the rest of the details to your liking, switching off batch geocoding, the proxy will not let any geocoding operation happen anyway.

Graphical user interface, text, application, email

Description automatically generated

1. All going well you should be able to have the Locator URL validate and your view should now be available across enterprise for searching.