July 2020

Enterprise Route Management

Configure Basemaps

**Prepared for:**

ERM Customers

Contents

[1.0 Overview 3](#_Toc46490955)

[1.1 Revision History 3](#_Toc46490956)

[2.0 Default Basemap 4](#_Toc46490957)

[3.0 Alternate Basemap 4](#_Toc46490958)

[3.1 Using Custom Basemap 4](#_Toc46490959)

1. Overview

The Route Planner application supports toggling between a default and an alternate basemap. There are many publicly available basemaps that Esri maintains. URL and tag information for these can be found <https://developers.arcgis.com/javascript/latest/api-reference/esri-Map.html#basemap>

Administrators can also setup custom basemaps in Portal. Instructions below.

* 1. Revision History

|  |  |  |
| --- | --- | --- |
| Date | Description | Editor |
| 7/17/2020 | Initial version | Mike Nelson |
|  |  |  |
|  |  |  |
|  |  |  |

1. Default Basemap

The default basemap is set in the ERM API configuration. This is found where you have installed ERM, under middleware\src\config\config.js

The full URL will need to be added to *config.planBasemapUrl*, for example, <https://services.arcgisonline.com/ArcGIS/rest/services/World_Street_Map/MapServer>

Note that changing this will only affect new plans going forward. Any existing plans will use the default basemap that was set when they were created.

1. Alternate Basemap

The alternate basemap is set in the config.json file for the application. This is found on the web server under wwwroot\routeplanner\config.json

The “alternateBasemap” setting is near the bottom in the “preferences” section. When using the public Esri basemaps, place the tag value rather than the full URL. Such as “hybrid” or “satellite”

* 1. Using Custom Basemap

Administrators can create a custom basemap with different layers through Portal.

1. In Portal, create a new web map
   1. Recommend to store in same location as the web map and application items used by Route Planner
2. Open the web map
3. Add the layers you want in the basemap
   1. For example, can search the Living Atlas under Add and add the “World Boundaries and Places” and “World Transportation” layers
4. For each layer added, click the 3 dots on the layer and choose Move to Basemap
5. Save your webmap
6. Share your web map with your organization
7. Copy the ID out of the URL of the web map
8. Put the ID in the “alternateBasemap” setting in the web app configuration file