AGS Geocode Service URL

The AGS GeoCode Service URL monitoring point checks an ArcGIS Server Geocode service to see if it returns an x,y location for a valid address.

The parameters that are unique to the AGS Geocode Service URL include:

Server Name	DNS name of server where AGS is located
Service Name	Name of Geocode Service on ArcGIS server. If service is under a folder, name folder/service is needed.
URL-Complete	This parameter can be retrieved from using ArcMap, or better, the REST inte service and entering the parameters to test. Copy the parameters from the 'I address bar of the Browser.

If your AGS Geocode Service URL is secure, use the [AGS Secure Geocode Service URL](#) monitoring point script.

Retrieving the URL-Complete parameter from the REST service is a several step process.

Step 1.1: Open your Internet browser and enter the URL for your ArcGIS® Rest Services

(Example: http://YourServerName/ArcGIS/Rest/Services)

Select a GeoCode service from your list of services

ArcGIS Services Directory

Home

Folder: /

Current Version: 9.31

View Footprints In: Google Earth

Folders:

* **Your Folders**

Services:

Your List of ArcGIS Services

Step 1.2: In the bottom left of the browser screen, locate **"Supported Operations"**

Click on **[Find Address Candidates]**

Supported Interfaces: REST   SOAP

Supported Operations: Find Address Candid

Step 1.3: Enter a valid address in the **Address** field

Note: Your GeoCoder form view may vary from the image at the right depending on the Locater style

Find Address Candidates:

Address:	123 Main Street
Zone:	
Return Fields *(Comma Separated)*:	
Format:	JSON

Find

Step 1.4: Select *JSON* from the **Format** drop down box

Find Address Candidates:

Address:	123 Main Street
Zone:	
Return Fields *(Comma Separated)*:	
Format:	JSON

Find

Step 1.5: Click on **[Find]**

Find Address Candidates:

Address:	123 Main Street
Zone:	
Return Fields *(Comma Separated)*:	
Format:	JSON

Find

Step 1.6: Verify that valid data is returned

Note: If the data is not valid, the browser will display an empty page without x, y coordinates. If this happens, locate a valid address and re-enter the information as outlined in Step 1.3.

```
{
  "candidates" : [
    {
      "address" : "123 MAIN
      "location" :
      {
        "x" : 6022726.86212
        "y" : 2165763.09267
      },
      "score" : 37,
      "attributes" :
      {
      }
    },
    {
      "address" : "123 MAIN
      "location" :
      {
```

Step 1.7: Copy the entire URL in the browser address bar

Example URL-Complete:

http://ServerName/ArcGIS/rest/services/CompositeLocator/GeocodeServer/findAddressCandidates?Address +street&Zone=&outFields=&f=pjson

Step 2: Paste the URL-Complete into the field provided

Step 3: Click the **[Create Monitor Point]** button

Article ID: 424

Last updated: 30 Dec, 2019

Revision: 2

GeoSystems Monitor Enterprise -> Product Guide v4.1 - 4.2 -> Monitor Point Types & Parameters -> AGS Geocode Service URL

http://www.vestra-docs.com/index.php?View=entry&EntryID=424