

AGS Geocode Service URL

Add a New Monitoring Point X

Select Type

AGS GeoCode Service URL

Monitor Name

Monitor Description

Server Name

Service Name

URL-Complete

Create Monitor Point

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 interface service and entering the parameters to test. Copy the parameters from the '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

Folder: /**Current Version:** 9.31**View Footprints In:** [Google Earth](#)**Folders:***** Your Folders****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 Candidates](#)

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 Locator style

Find Address Candidates:

| | |
|-------------------------------------|--|
| Address: | <input type="text" value="123 Main Street"/> |
| Zone: | <input type="text"/> |
| Return Fields (Comma Separated): | <input type="text"/> |
| Format: | <input type="button" value="JSON"/> <input type="button" value="XML"/> |
| <input type="button" value="Find"/> | |

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

Find Address Candidates:

| | |
|-------------------------------------|---|
| Address: | <input type="text" value="123 Main Street"/> |
| Zone: | <input type="text"/> |
| Return Fields (Comma Separated): | <input type="text"/> |
| Format: | <input type="button" value="JSON"/> <input checked="" type="button" value="XML"/> |
| <input type="button" value="Find"/> | |

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

Find Address Candidates:

| | |
|--|--|
| Address: | 123 Main Street |
| Zone: | |
| Return Fields (Comma Separated): | |
| Format: | JSON <input checked="" type="checkbox"/> |
| <input style="border: 1px solid blue; padding: 2px; width: 100px; height: 30px; border-radius: 5px; background-color: #f0f0f0;" type="button" value="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=123+Main+Street&Zone=&outFields=&f=json>

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

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

Article ID: 277

Last updated: 13 Aug, 2018

Revision: 9

GeoSystems Monitor Enterprise -> Product Guide v4.0 -> Monitor Point Types & Parameters -> AGS Geocode Service URL

<http://www.vestra-docs.com/index.php?View=entry&EntryID=277>