
Work Group 4 – Vendor Mapping

- Design and create a point collection service for event vendors
 - Location
 - License compliance
 - Setup / Takedown Time
- Create a web map & add in service
- Create a Geo-Form for field staff to collect vendor locations
- Share the map for use in Collector

Create a FeatureService for Data Collection

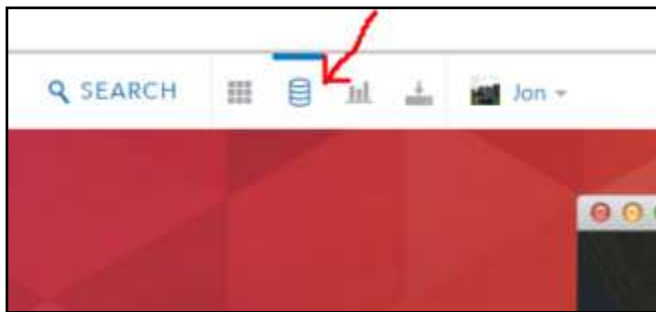
In your workgroup, consider what data you need to collect for vendor location, name, compliance, etc.

Below is a sample workflow to create your point feature service.

Point FeatureService

Go to [ArcGIS for Developers](#) and sign in with your ArcGIS Online account.

Click the database icon (looks like a beehive).



Select New Feature Service.



Complete the basic information and select the geometry type.

Basic Information

Title

Description

Geometry Type

- Points
- Lines
- Polygons

Tags

Default Extent

This view will be used if you add this layer to a map without an existing extent.

Basic Information

Title
test point service

Description

Geometry Type
Points

The type of geographic data you can store in this Feature Service

Tags
superbowl

Add fields to the FeatureService. These are the fields you thought through earlier and now added to the FeatureService.

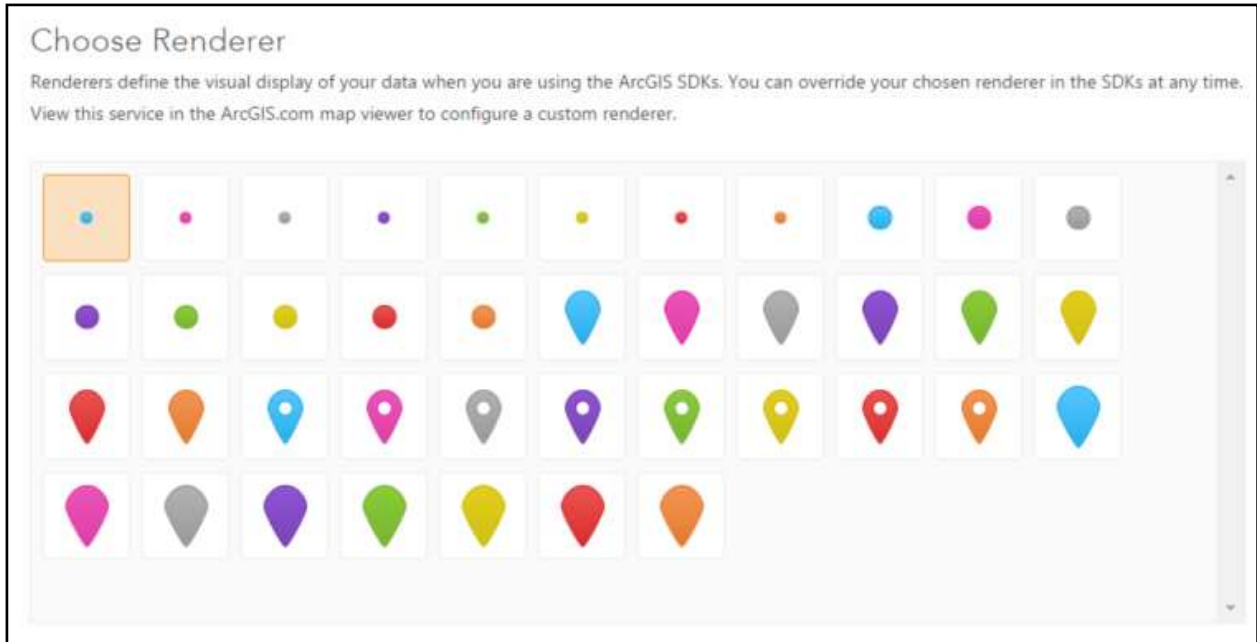
Select Data Type for each field. The Field Name should have no spaces.

Define Fields

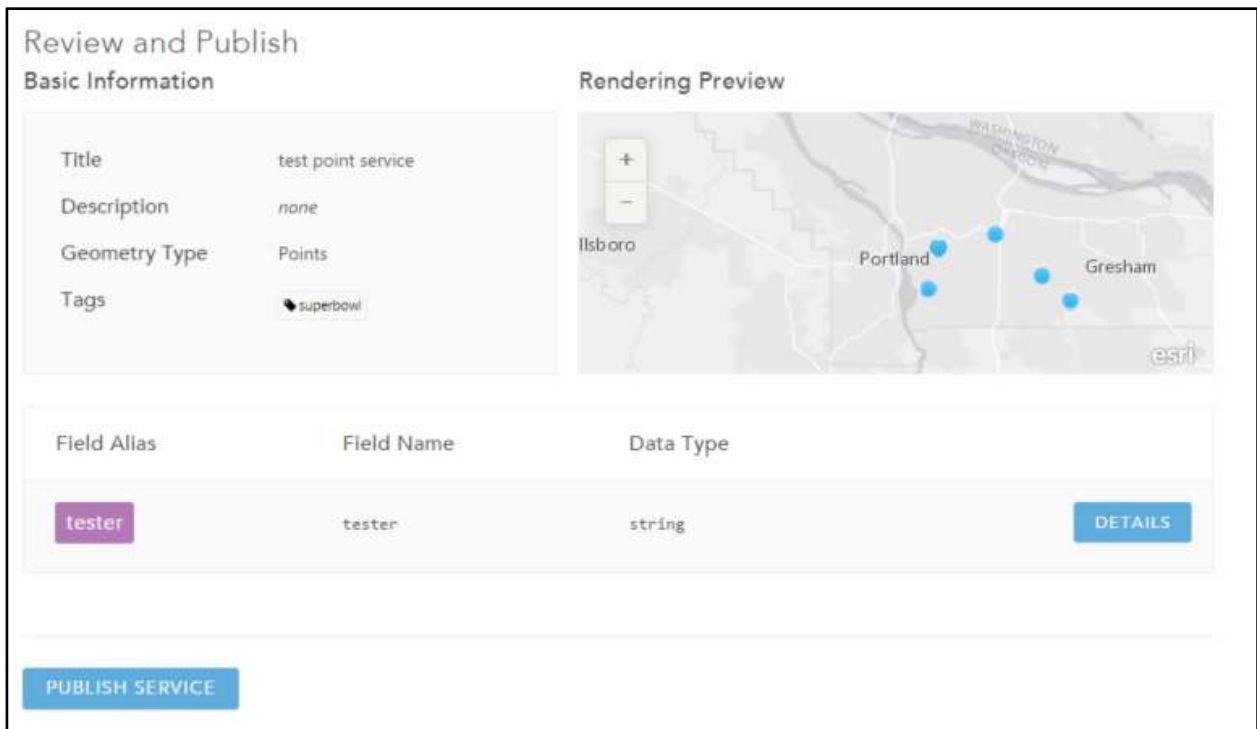
Additional attributes can be associated with geometries in Feature Services. You can query for geometries based on their attributes.

Field Alias	Field Name	Data Type	
<input type="text" value="Field Alias"/> <small>Human readable label</small> <input type="checkbox"/> Required	<input type="text" value="Field Name"/> <small>Internal key</small>	String String Integer Float Date	<input type="button" value="+ ADD"/>

Click Continue to select a renderer. This is the initial symbology of the FeatureService.



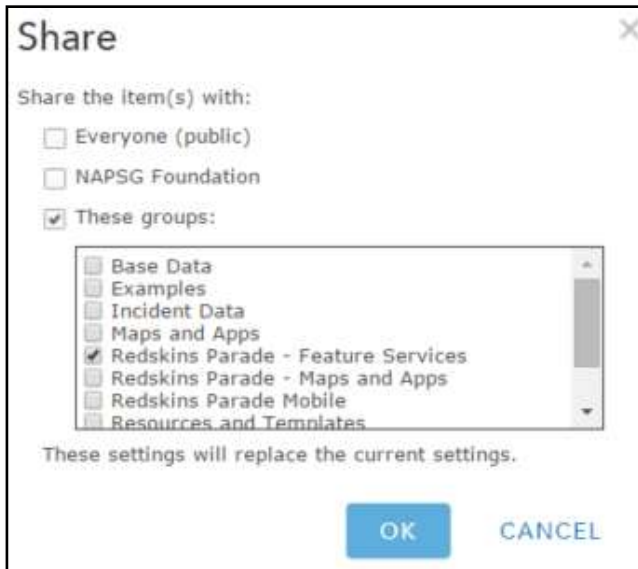
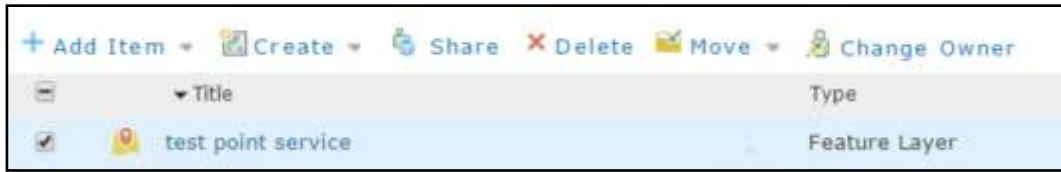
Click Continue to review, then click Publish Service.



Open your Org and see that the service has been created in My Content.



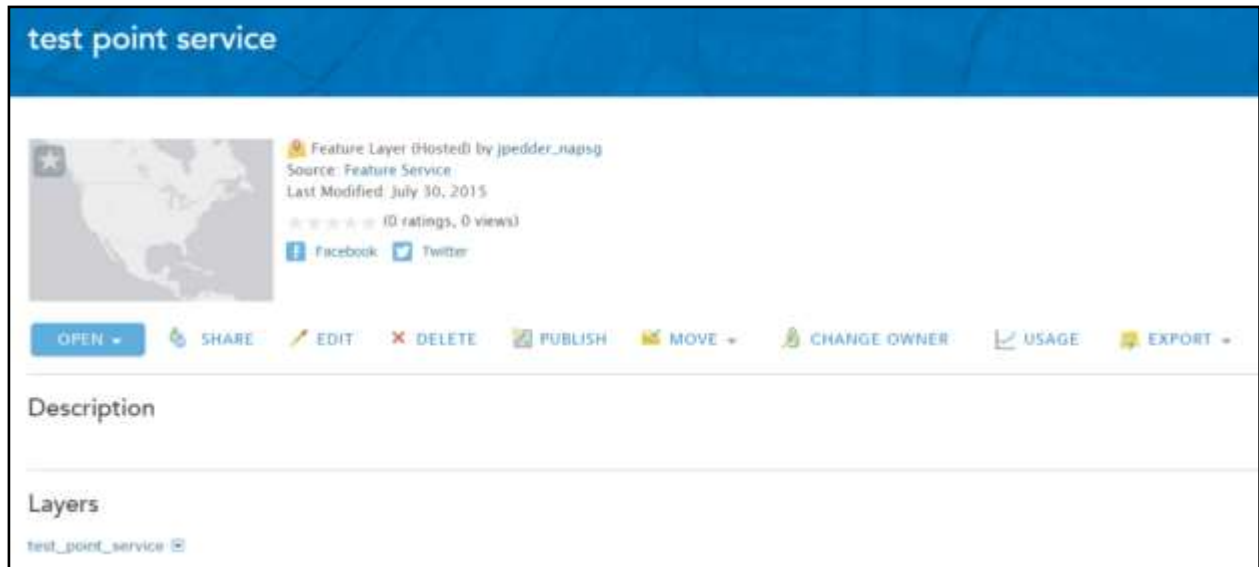
Share the FeatureService.



Open the service to get details about the service.

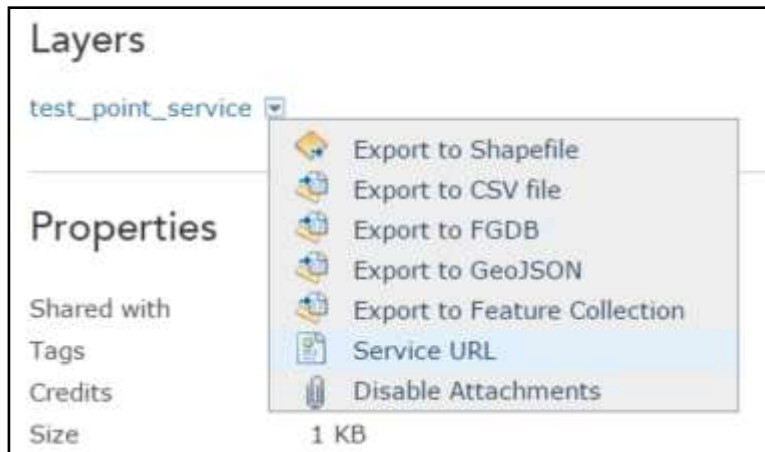


The Details Page shows the attributes for the service. The dropdown shows that attachments are enabled.



Geek Alert

If you're NOT a geek, skip this section! To view the service detail, select the Service URL.



ArcGIS REST Services Directory

[Home](#) > [services](#) > [test_point_service \(FeatureServer\)](#)

[JSON](#)

test_point_service (FeatureServer)

View In: [ArcGIS.com Map](#)

Service Description:

Has Versioned Data: false

Max Record Count: 2000

Supported query Formats: JSON

[All Layers and Tables](#)

Layers:

- [test_point_service](#) (0)

Description:

Copyright Text:

Spatial Reference: 4326

Initial Extent:

XMin: -138.375716991656
YMin: 7.46341595728864
XMax: -52.0671232416791
YMax: 59.8518013865865
Spatial Reference: 4326

Full Extent:

XMin: -138.375716991656
YMin: 7.46341595728864
XMax: -52.0671232416791
YMax: 59.8518013865865
Spatial Reference: 4326

Units: esriDecimalDegrees

Child Resources: [Uploads](#)

Supported Operations: [Query](#) [Apply Edits](#) [Create Replica](#)

Next, click Open and click Add layer to new map with editing enabled.

Feature Layer (Hosted) by jpedder_napsg
Source: Feature Service
Last Modified: July 30, 2015
★★★★★ (0 ratings, 0 views)
Facebook Twitter

OPEN ▾ SHARE EDIT DELETE PUBLISH

- Add layer to map
- Add layer to new map
- Add layer to new map with editing enabled
- Add layer to scene
- Open in ArcGIS for Desktop

Details Add ▾ Edit Basemap Analysis

Contents

- Test Polygon Service
- Topographic

Map view showing San Bernardino with streets like W 9th St, W 2nd St, W Mill St, and W Rialto Ave. Features include BNSF-San Bernardino and Inland Center.

Save and Share your web map.

Save Map

Title: Vendor locations Map

Tags: superbowl Add tag(s)

Summary: Description of the map.

Save in folder: jpedder_napsg

SAVE MAP CANCEL

Share it with the Maps and Apps group.



Share

Choose who can view this map.

Your map is currently shared with these people.

- Everyone (public)
- NAPSG Foundation
- Members of these groups:
 - Base Data
 - Examples
 - Incident Data
 - Maps and Apps
 - Redskins Parade - Feature Services
 - Redskins Parade - Maps and Apps
 - Redskins Parade Mobile
 - Resources and Templates

Link to this map

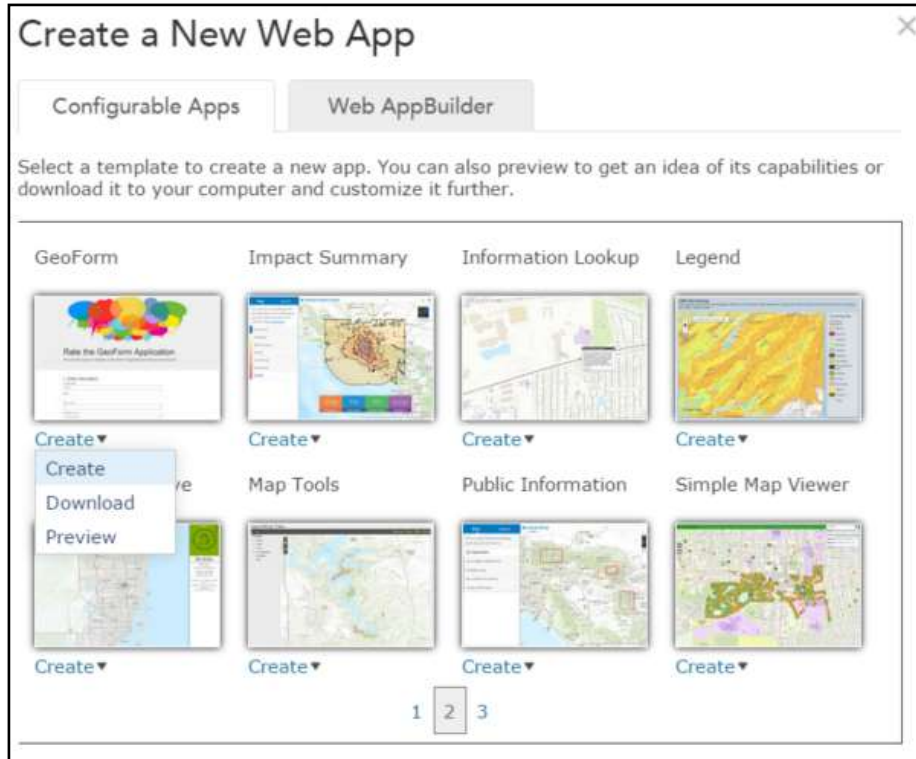
 Facebook  Twitter

Share current map extent

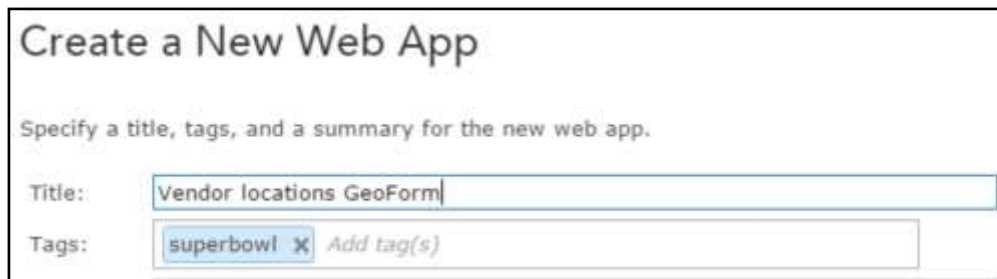
Embed this map

Note: To embed your map, you must share it with Everyone.

Next, click Create a Web App and select the GeoForm.



Click Create and name your GeoForm.



Use the Builder to configure your GeoForm app.

In the Layer section, be sure to select your vendor layer.



Save and Exit, then open your Geoform to test functionality.

1. Select Form

2. Enter Information

tester

Attachment

Select File

3. Select Location

Specify the location for this entry by clicking/tapping the map or by using one of the following options.

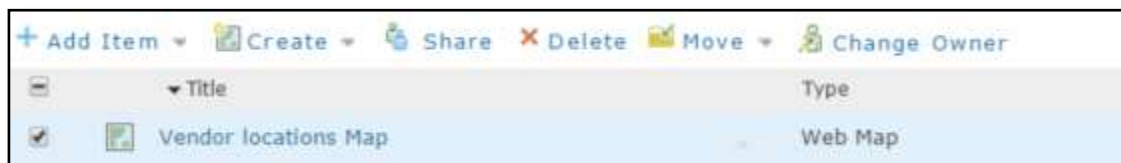
Search

Lat/Lon

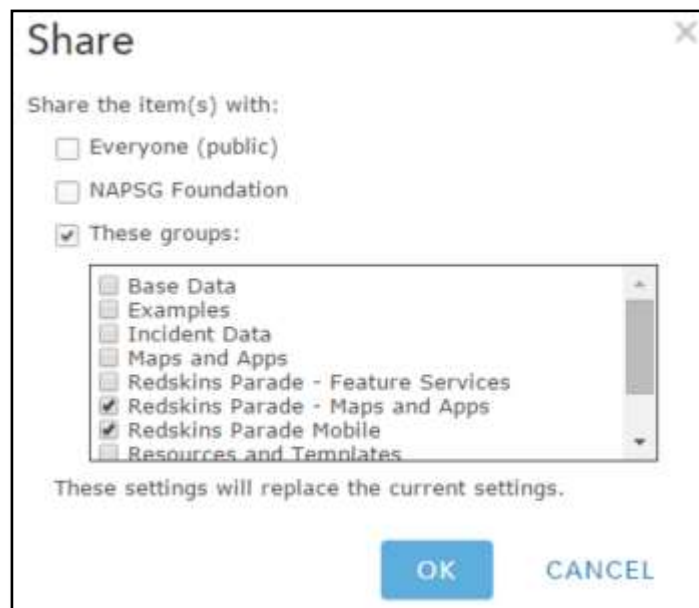
Latitude: 62.06386, Longitude: -143.69707

Share the Web Map for Collector

Navigate back to My Content. Click on your web map and click Share.



Share with the Mobil group.



Click OK.

Collector

Download the Collector app for iOS or Android from the AppStore or GooglePlay.

Login as your Org user account, then open the web map that you created earlier and shared to the Mobile group.