# TRAINING GUIDE

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# ArcGIS Online and Lucity

This covers some basic functionality we feel you will need to be successful with Lucity with ArcGIS Online or Portal for ArcGIS Enterprise. This session is designed for users with GIS experience but little to no ArcGIS Online or Portal experience who are users who have GIS analyst or administrator or Lucity administrator roles within your organization.

Your Organization and Logging In

All of the steps discussed in this session require 2 things

- 1. An organization configured in ArcGIS Online or Portal for ArcGIS Enterprise installed
- 2. A Level 2 login for that ArcGIS Online organization or portal

If you own any recent ArcGIS Server or Desktop products from Esri, you can probably do this without additional fees.

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# Basic Navigation of Portal and ArcGIS Online

Portal and ArcGIS Online have similar interfaces. If you are familiar with logging in and navigating ArcGIS Online, portal will feel very familiar.

### Not logged in: (portal)

Home Gallery	Map Scene	Groups	💄 Sign In	٥,
		enterprise asset		
	This is th things. Additiona useful Gl	he home page of your ArcGIS Organization. <mark>You can easily change this page</mark> with your own logos, background image ally, you can populate this home page with a collection of featured items such as Web Maps and Web applications to IS resources in your organization.	and many other highlight the most	

Notes:\_\_\_\_



### Not logged in: (ArcGIS Online using our organizational page)

### Logged in (portal):



### Logged in (ArcGIS Online):



They will feel very familiar.

Most users will access:

- Gallery: To access content published by Esri or content published by other users outside or inside your organization.
- Content: Generally just to access your own published content, your favorite content, or content published by your organization. ArcGIS Enterprise 10.5.0 only shows your content.
- Map: To create new web maps to be used across your enterprise (with Lucity or other applications such as ArcGIS Collector).

Notes:\_\_\_\_\_\_

# User Types

ArcGIS Online and ArcGIS Enterprise are both named user configurations. Every user who needs to be able to access private or secured content or that needs to edit content (including creating or publishing web maps or editing GIS data) must be logged in with a named user account.

There are two types of named users. Level 1 users and Level 2 users. Above I logged in as a Level 2 user which is why I have a "Content" tab. If I log in as a Level 1 user, I have only view access to the ArcGIS Content and I see this when I am logged in:



Gallery My Favorites My Organization's Featured Content Esri Featured Content Lucity GIS Dev Featured Content - 11 = Most Recent Sort By: Show All Maps Layers Scenes ę Apps Tools Files LucityGIS\_LandBase LucityGIS\_Water\_Raw LucityGIS\_Water\_Raw LucityGIS\_Water\_Recycl + lucity P LucityGIS\_Water\_Recycl 🖾 LucityGIS\_Water\_Dist 0 LucityGIS\_Water\_Dist -LucityGIS\_Traffic 0 ed シ、尽 LucityGIS\_Street LucityGIS\_Traffic 3 0 LucityGIS\_Street LucityGIS\_Storm 0

« < 1 2 3 ... 30 > »

# Layers (Feature Services and Map Services)

Deploying basic feature services and map services on Portal for ArcGIS Enterprise is a seamless experience. When you publish to ArcGIS Server from ArcMap, the services are exposed in Portal as a Layer.

ArcGIS Online has multiple options for deploying services. It is possible to do this from ArcGIS Pro and ArcMap, but today I am going to demonstrate this from ArcGIS Online using a service you have already deployed to your own ArcGIS Server (10.1+).

Home Gallery	Map Scene	Groups Cont	ent Organization	
Conten	t	$\mathcal{O}$		
My Content	My Favorites	My Groups	My Organization	
+ Add Item 🗸	🗸 👔 Create	e 🗸	Q Search	NicoleSchmidtL
From my comp	uter	🤗 New	1 - 16 of 29	in NicoleSchmidt
From the web			Title	
An application			📄 🔣 de	mo1
-			📃 🔲 Luc	city Cloudy
✓ Item Type			📃 🗔 Luc	city Replaced Nig
Maps				

Notes:\_\_\_\_\_

Add Item>>From the web

Item from the web 🥲		×
Reference an item on the Web.		A
Туре:		
<ul> <li>ArcGIS Server web service</li> <li>WMS (OGC)</li> <li>WMTS (OGC)</li> </ul>	<ul><li>KML</li><li>WFS (OGC)</li><li>Document</li></ul>	
URL:		
https://demo.lucity.net/server/rest/servi	ces/LucityGIS_Facilities/FeatureServer	1
Title:		
LucityGIS_Facilities		
Tags:		
Lucity × Eval × GIS × Add tag(s)		•

It will most likely auto-assign tags. Tags are important in the Lucity and are discussed later and in the Lucity GIS Web Administration session.

Notes:\_\_\_\_\_

By default, only you and other site administrators will see your content. If you want others to see your content, you must share it.

ne Gallery Map Scer	ne Groups Content Organization		Nicole V Q
ucityGIS_Fa	cilities 🖌 Edit		
Overview Usage Se	rttings		
Edit Thumbnail	Lucity GIS EVAL	🖍 Edit	Open in Map Viewer 🗸 🗸
	by NicoleSchmidtLucity		Open in Scene Viewer
ß	eature Layer		Open in ArcGIS Desktop
★ Add to Favorites			Share
escription		🖍 Edit	Details
city GIS Evaluation Map	for Lucity WebMap		★★★★★ (0) ⊌ views: 0
ccess and Use Co	onstraints	🖋 Edit	Created: August 16, 2017 Size: 1 KB
ld any special restrictions	, disclaimers, terms and conditions, or limitations on using the item's con	tent.	Shared with: The item is not shared.
Every	one (public) / Inc.		
These	e groups:		
Dev			
These set	tings will replace the current sett	ings.	

If you have a larger organization or are heavy portal users, consider creating a group that is dedicated to Lucity users. Users are assigned to groups through portal (not covered in this session). Services shared "public" will be accessible to everyone who can access the underlying Url. The second option "Lucity Inc." is the name of our ArcGIS Online organization.

OK

Cancel

If you are using portal, it is worth pointing out the semantics behind each choice:

Share	×
Share the item(s) with: Everyone Portal for ArcGIS These group	Anyone that can access the url. No security.
	User must be authenticated to your portal

Layer Types

The service deployed will support different features depending on whether you are deploying a Map Service or Feature Service (or Image Service, etc).

### Hosted Data

There are a lot of reasons you may want to use hosted data. Hosted services are available on Portal for ArcGIS Enterprise and on ArcGIS Online. Today I will focus on clients who do not utilize ArcGIS Server or ArcGIS Enterprise and are looking to host their data to provide access to Lucity Web and Lucity Mobile users through ArcGIS Online.

For this demonstration, I will use ArcMap instead of the ArcGIS Online interface or ArcGIS Pro because I suspect that if you are hosting data on ArcGIS Online for this reason, you will most likely be an ArcMap user at this time.

This is a project in ArcMap. The underlying datasource for this is an ArcGIS Server geodatabase, but it could just as easily be a personal geodatabase.



From the File Menu, choose File >> Sign In.

If you are unfortunate enough to be running this from a server (like me), you might see this:



You can correct this in IE by adding <u>https://www.arcgis.com</u> to your list of trusted sites in Internet Options.

Internet Options 2			
General Security Privacy Content Connections Programs Advanced			
Select a zone to view or change security settings.  Internet Local intranet Trusted sites  Trusted sit  This zone contains websites that you  Sites			
trust not to damage your computer or			
You can add and remove websites from this zone. All websites in this zone will use the zone's security settings.			
https://www.arcgis.com Add			
Websites:          about:blank       Image: Construction of the second secon			
Close			

# Enter your ArcGIS Username and Password

ArcGIS	IS Sign In 🔤	x
ArcGIS Desktop wants to access yo	our ArcGIS Online account information	
Sign In Username   Password	esri ArcGIS Desktop developed by: Esri	
SIGN IN CANCEL Forgot password? Forgot username? OR OR	Esri publishes a set of ready-to- use maps and apps that are available as part of ArcGIS. ArcGIS is a mapping platform that enables you to create interactive maps and apps to	
Sign in with ENTERPRISE ACCOUNT Sign in with G+	T share within your organization or publicly.	
Sign me in automatically		

It automatically knows how to get you to the right organization.

There is not much feedback to tell you it was successful, but if you are logged in, you will see a Sign Out option in the menu:



Now you can publish to ArcGIS Online (if you are a Level 2 User). Select File>>Share As>>Service from the menu.

Select Publish a Service



On the next screen, from "Choose a connection" there will be an option for "My Hosted Services (your organization name)". Select that and give your service a name. The name does not need to be a friendly name, but should be meaningful to you (and cannot have spaces or special characters).

Publish a Service	x
Choose a connection	
My Hosted Services (Lucity Inc.)	× 🏭
Service name	
ParkHostedDemo	
< Back Continue	Cancel

There are several options presented to you for the publish. The only thing important to set up front is the Capabilities.

Service Editor						
Connection: My Hosted Service	es Service Name: ParkHostedDemo	🚉 Import	🗸 Analyze	🥶 Preview	🚛 Publish	$\bigcirc$
Parameters Capabilities Feature Access Item Description Sharing	Capabilities Choose the capabilities you would like enabled for th Tiled Mapping Feature Access	is service:			<u>•</u>	

For operational data, most likely you want Feature Access.

Click Analyze, then review any feedback you get in the status window. This can be complicated because the Service Editor prompt remains over the status window, but you can always close and restart the service publishing once you have reviewed and addressed concerns.

Many concerns in this window may not be important. Anything with a High importance should certainly be reviewed and if you have critical importance items, you most likely will not be allowed to proceed without addressing the issues.



Frequently there are right click options that will auto-correct some of the issues for you, if you want them corrected.

Once you are satisfied with the Analyze results, click Publish.

I can access my content from the "Content" tab in ArcGIS Online

Home Gallery Map Scene Groups Content O	rganization	Nicole N	Q.		
Content					
My Content My Favorites My Groups My C	Organization	the first second second second			
+ Add Item V 🝸 Create V	Q Search NicoleSchmidtLucity		Sort	by: Date Modified ∽ ↓	
All My Content	Title			Modified <b>•</b>	
NicoleSchmidtLucity	ParkHostedDemo	Feature Layer (hosted)	*	Aug 16, 2017 Aug 16, 2017	
✓ Item Type	LucityGIS_Facilities	Feature Layer	* …	Aug 16, 2017	
iviaps					

Like the Map Service I added, only site administrators and the publisher (me) will have access to this content unless I share it.

\*Note: Hosting data requires credits. There are interfaces in ArcGIS Online that let you see credit utilization if you want to review. This is not covered in this session, however.

# Web maps

Some key things to understand about web maps.

- Every web map has a basemap. There is no "no basemap" option.
- Web maps are authored and their configuration is stored in Portal or ArcGIS Online (they are not stored in Lucity and they are not stored in your geodatabase).
- Web maps in ArcGIS Online can contain content from multiple organizational sources (ArcGIS Online, your local ArcGIS Enterprise, and older ArcGIS Server).
- Web maps in Portal for ArcGIS Enterprise behave the same way.

There are great tutorials out there for building web maps. Probably much better than what is here, but this is a quick run through.

Click Map, this will probably take you to the United States unless you have configured your organizational default extent in the Organization Settings (Map tab) .... which I highly encourage.



Pick a basemap if you don't like the default by clicking "Basemap".

### 📲 Basemap

If no one has customized your basemap gallery, you will see the Esri basemaps. If you want your own basemaps showing up, your portal administrator needs to go into your Organizational Settings and change what your default basemap gallery is. This is discussed more in our GIS Administration for Web session.

### Click Add >> Search for Layers



Choose the layers you want to add (or remove) and click DONE ADDING LAYERS

Home⊽ My Map		
🔄 Details 📑 Add 👻 📑 Basemap	🛐 Analysis	
Search for Layers	4	+
Find: In: My Organization Within map area 24 Results Found	GO	
log lsavage	Add 🔺	
LucityGIS_Water_Dist Map Server	Add	
Hot Spots 및 by Isavage	Add	
testreplication	Add	нц Алт
TestWorkLocations	Add	H
LucityGIS_Imagery Image: LucityGIS_Imagery Lucity	Add	
LucityGISDev_GISTasksEditable_MS Style="text-align: center;"> LucityGISDev_GISTasksEditable_COS Style="text-align: cente	Add	
LucityGIS_Street	Add	
ValveExercisingIMP2	Add	5 3
LucityGIS_Facilities	Add	
ParkHostedDemo	Remove	DY H
ValveExercisingIMP		MAN

All the layers show up in the "Content" view and in the Legend view. The content view is where we will further customize the map.



Drag to reorder layers. To customize the display of a layer, hover over the layer, this will show additional features available:

:	Luc	ityG	IS F	acili	ties	-	Facility	Site	
	1		8	7	Ľ.				
1	Luc	ityG	IS F	acili	ties	_	Facility	Site Asset	

ParkHostedDemo - Park Art

The rendering of the layer can be changed here in the map, without redeploying any services by clicking the S

Notes:\_\_\_\_\_\_

### For example, I could change the map to render facility sites based on type:

### Change Style

LucityGIS Facilities - Facility Site - Facility Site



Here is an example of a Park Courts layer which is being configured to be symbolized based on surface material:



Esri has plenty of documentation on what you can do with rendering. Our goal here is for you to understand that it will not require redeploying your map service to have different maps using different renderers (or query definitions).

# Popups

In the overflow menu of the layer configuration is an option to "Configure Popup".

```
Home⊽ My Map
```



In Lucity 2017r2, Lucity will automatically generate a basic table style popup for you that looks like this:

ROW Sidewalks 24464	$\square$ $\times$
FACILITYID	24464
SIDEWALKTYPE	2
TORAMPCOND	
FRMRAMPCOND	
TRIPHAZARD	2
CONDITION	
LENGTH	251.2

But this can be customized on a layer by layer basis, if desired. You can insert hyperlinks, images, and format the popup. For example, this is a Sewer Pipe Popup that includes a link to the as-built:



You cannot insert Lucity images into a popup yet, but if you can build a reference to an image based on the data in the GIS feature, you can also render a custom image directly in the popup.

For example:



Walk through on creating the custom Sewer Pipe Popup with a hyperlink which is stored as a field in the geodatabase feature class.

Click on Configure Popup for the layer and select a popup type of "Custom Attribute Display"

Config	ure Pop-up		•
Lucity( Invento	GIS_SewerEdit - Sanitary Pi ory	pe	
✔ Show	v Pop-ups		•
Pop-up Sanitar {FACIL	Title y Pipe Inventory: ITYID}	+	
Pop-up	Contents	•	
Display: These fie US Stru DS Stru Line Typ Flow Ty Configure Attribut	A list of field attributes  A list of field attributes A description from one fiel A custom attribute display No attribute information pe {LINETYPE} pe {FLOWTYPE} e Attributes e Expressions	Ŷ	
Adding e informati	xpressions allows you to create ne on from existing fields for use in p	w op-ups.	
ADD			-
	OK CANCEL		
Esri.com Privacy . (	. ArcGIS Marketplace . Help . Terms o Contact Esri . Report Abuse . Contact	f Use . Us	

Click Configure to open the editing dialog for the popup and use the "+" to add the desired fields, and apply any desired formatting and static text.

Configure Pop-up		1 Marca
LucityGIS_SewerEdit - Sanitary Pipe	Custom Attribute Display	×
Show Pop-ups	Use the area below to define, format, and lay out the information you want to display.	1
Sanitary Pipe Inventory: {FACILITYID}	B I U ▲ - ■ - = = =   = = =   = = =   = = = =   = = = =   = = = =   # = = # = #	
Pop-up Contents	US Structure {USSTRUCT} DS Structure {DSSTRUCT}	<b>^</b>
Display: A custom attribute display 👻	Line Type {LINETYPE} Flow Type {Fl OWTYPE}	•
CONFIGURE		2
Configure Attributes		
Attribute Expressions		23.1
Adding expressions allows you to create new information from existing fields for use in pop-ups.	OK CANCEL	

Then add the field which contains the link as well. It will be simple text (not a hyperlink).

# Custom Attribute Display

Use the area below to define, format, and lay out the information you want to display.



Highlight the text field and click the hyperlink button to configure the hyperlink  $^{\mathscr{P}}$  .

Link Properties

URL:		
Link <sup>-</sup>	Text: {A	AsBuildScan}
Set	Cancel	

Cut and Paste the link text into the "URL" and change the Link text to the text you want the user to click on.

l	_ink F	roperties
	URL:	Click for As-Built
j	Link <sup>-</sup>	Text: {AsBuildScan}
	Set	Cancel

Click Okay to save the custom display changes and Okay to save the change to the popup.

Don't forget to save the map!

Bonus Item (optional): Not all my records had a scan, so to hide the hyperlink if there was no link, I used an Arcade expression. This is how I did this.

Under Attribute Expressions, click "Add"

The expression builder provides an example arcade statement.

The arcade statement will not let us conditionally suppress the html link, but we can have the caption for the link be an empty string. If the caption is an empty string, the link is not clickable nor visible on the popup.

Custom 🖌 Edit		×
Expression Test	Globals Functions Existing	0
<pre>1 // Write a script that returns a value that will be used to dr 2 // For example, find the percentage of males: 3 // Round((\$feature.MalePop / \$feature.TotalPop) * 100, 2) 4 5</pre>	Field: AsBuildScan Sfeature.AsBuildScan	/
	Field: Cleaning Area Code: Sfeature.CLEANINGAREA Name: DomainName(Sfeature, "CLEANINGAREA")	1
	Field: Dia/Height (in) Sfeature.DIAMETER	1
۹	Field: Record DS Invert Sfeature.DSINVERT	1.

Cancel

Cancel

ОК

Click Edit to change the name of the expression:

Custom 🖌 Edit 🦛 🛌		×
Expression Test	Globals Functions Existing	0
<ol> <li>// write a script that returns a value that will be used to an</li> <li>// For example, find the percentage of males:</li> <li>// Round((\$feature.MalePop / \$feature.TotalPop) * 100, 2)</li> <li>5</li> </ol>	Field: AsBuildScan \$feature.AsBuildScan	, Î
	Field: Cleaning Area Code: Sfeature.CLEANINGAREA Name: DomainName(Sfeature, "CLEANINGAREA")	/
	Field: Dia/Height (in) \$feature.DIAMETER	/
4	Field: Record DS Invert \$feature.DSINVERT	1.

Notes:\_\_\_\_\_

And for the expression, we will check for !IsEmpty(\$feature.AsBuildScan). If that is true (using the IIF function), we will return a notation telling the user to click the link, and if false, an empty string.

iif(!IsEmpty(\$feature.AsBuildScan),"Click for As-Built","")

Expression Test	Globals Functions	
<pre>1 iif(!IsEmpty(\$feature.AsBuildScan),"Click for As-Built","") 2</pre>	Field: AsBuildScan \$feature.AsBuildScan	1
	Field: Cleaning Area Code: \$feature.CLEANINGAREA Name: DomainName(\$feature,"CLEANINGAREA")	1
	Field: Dia/Height (in) <mark>Sfeature.DIAMETER</mark>	1
	Field: Record DS Invert	1

Click okay to save the expression and return to the Configure interface.

Pop-up	Contents	
Display:	A custom attribute display	•
CON	IFIGURE	

Click the "+" and add the expression to the popup:

Custom Attribute Display		
Use the area below to define, format, and lay out the in <b>B</b> $I \ \underline{U} \ \underline{A} \ \overline{} \   \overline{\underline{B}} = \overline{\underline{B}} \equiv   \frac{1}{22} \ \overline{\underline{B}} \ \overline{\underline{B}} \ \overline{\underline{C}} \   \overline{\underline{C}} = \overline{\underline{C}} =   \frac{1}{22} \ \overline{\underline{C}} \ \underline{$	formation you want to display. E   🖉 👻 🔊 💽 👻   💝 🛸	Ş
Font Size x-small {DIAMETER} " pipe {LENGTH} feet {MATERIAL}	<ul> <li>✓               AsBuildScan {AsBuildScan}             GlobalID {GlobalID}      </li> <li>OBJECTID {OBJECTID}         </li> </ul>	^

It will place the expression for you like this:

# Custom Attribute Display

Use the area below to define, format, and lay out the information you want to display.



Cut that piece of text onto the clipboard, scroll down and edit the hyperlink (click on the link button again to open the hyperlink properties).

Paste the text into the link text (instead of the static text we originally placed)

Link F	Properties			
URL:	URL: {AsBuildScan}			
Link <sup>-</sup>	Text: {expression/expr0}			
Set	Cancel			

Click Set, then Okay to the Custom Attribute Display, then Okay to the Configure Popup panel. Don't forget to save the map!

Notes:\_\_\_

Configure Pop-up	
LucityGIS_Traffic_Signs - Sign Inventory	
Show Pop-ups	
Pop-up Title	
Sign Inventory: {FACILITYID}	
Pop-up Contents	
Display: A list of field attributes 💌	
These field attributes will display:	
Alt Sign ID {FACILITYID} MUTCD Number {MUTCDNO} Special Text {SPECIALTEXT}	Configure Bon un
Class {CLASS}	Configure Pop-up
Configure Attributes	LucityGIS_Traffic_Signs - Sign Inventory
Attribute Expressions	A
Adding expressions allows you to create new information from existing fields for use in pop-ups.	Show Pop-ups
ADD	Pop-up Title
No expressions.	Sign Inventory: {FACILITYID}
Click 'Add' to add one	Pop-up Contents
OK CANCEL	
	Display: A list of field attributes 👻
Esri.com . ArcGIS Marketplace . Help . Terms of Use . Privacy . Contact Esri . Report Abuse . Contact Us	These field attributes will display:
	Alt Sign ID {FACILITYID}
	MUTCD Number (MUTCDNO)
	Special Text {SPECIALTEXT}
	Configure Attributes
	Attribute Expressions
Remove attributes you don't want by clicking on "Configure Attributes"	Adding expressions allows you to create new information from existing fields for use in pop-ups.
	ADD
	No expressions.
	OK CANCEL
	Esri.com - ArcGIS Marketplace - Help - Terms of Use - Privacy - Contact Esri - Report Abuse - Contact Us

Uncheck the fields you do not want to appear in the popup (this does not prevent the attributes from being available in the map in the grid, it only affects the popup).

# **Configure Attributes**

Check the fields you want to display and edit. Select a field to change its alias, order it, and format it.

🗌 Display	🖂 Edit	Field Name	Field Alias
0		{FACILITYID}	Alt Sign ID
		{MUTCDNO}	MUTCD Number
		{SPECIALTEXT}	Special Text
		{CLASS}	Class
		{CONDITION}	Overall Cond
		{REFLECTIVITY}	Reflectivity
0		{GPSFLAG}	GPS Flag



 $\sim$ 

Click OK to finish.

To add the image, scroll down to Popup Media and click Add Image

Notes:		

# Configure Pop-up

LucityGIS_Traffic_Signs - Sign Inven information from existing fields for use in pop-	tory ups.
ADD	
-	(j) X
Pop-up Media Display images and charts in the pop-up: ADD - Control Co	© 22 ↓
OK CANCEL	
Esri.com - ArcGIS Marketplace - Help - Terms of U Privacy - Contact Esri - Report Abuse - Contact Us	se .

Enter a title and click the + to add a field for the caption

# Configure Image

Specify the title, caption and URL for this image. Insert field names to derive the display from attribute values.

### Title:



For the URL, it is a combination of a static URL and one of the attribute fields. Fields get surrounded by curly braces.

×

http://myserver/LucityWebRESTAPI/Images/SignLib/{MUTCDNO}.jpg

# Configure Image

Specify the title, caption and URL for this image. Insert field names to derive the display from attribute values.

Title:			
Sign			+
Caption			
{MUTCDNO}			+
URL		/	
http://myserver/LucityWebRESTAPI/I	lmages/Si	gnLib	+
Link (optional)			
			+
	ОК	CA	NCEL

Click Okay, then click Okay on the Configure popup panel to save the popup changes. Don't forget to save the map!

Notes:\_\_\_\_

Here is another example of that popup in use:



### Configure Pop-up

LucityGIS\_Traffic\_Signs - Sign Inventory Information from existing fields for use in pop-ups.



### Pop-up Media

Display images and charts in the pop-up:





Configure Pop-up		
LucityGIS_Facilities - Facility Site		
✓ Show Pop-ups Pop-up Title Facility Site: {NAME}	+	
Pop-up Contents		
Display: A list of field attributes -		
Site ID {FACILITYID} Site Name {NAME} Location {LOCDESC} Type {SITETYPE}	•	î ↓
Configure Attributes		
Attribute Expressions		
Adding expressions allows you to create new informa from existing fields for use in pop-ups.	tion	
ADD		
No expressions. Click 'Add' to add one.	*	÷
	-	~
Pop-up Media		
Display images and charts in the pop-up:		
ADD -		
OK CANCEL		
Esri.com . ArcGIS Marketplace . Help . Terms of Use . Pri Contact Esri . Report Abuse . Contact Us	vacy .	

Zoom in to the area you want to use for the default or "home" extent for that map.

# BaseMaps

Lucity relies on the basemap gallery in portal to provide a list of available basemaps. The basemap gallery is configured on the map tab of the organizational settings.

Home Gallery Map Scene Groups Content Organization

Lucity Inc.		
SAVE CANCEL		
General	Мар	
Home Page	Configure the compose	nte people in your organization will use to author mans
Gallery	Basemap Gallery	nts people in your organization win use to author maps.
Мар		Select the group whose webmaps will be shown in the Basemap Gallery.
Item Details		Esri Default
Groups		✓ Use Esri vector basemaps in supported ArcGIS apps. ⑦

Which basemaps are in the gallery are controlled using group assignment. Lucity allows you to further limit the basemaps using tags (should you decide that you want to show your Lucity users only a subselection from the basemap gallery).

# Groups

Groups is how you will apply security and access restrictions to items in your portal as well as configure what list of maps or basemaps or layers a user can access.

Groups are configured in the Groups page.

ŀ	lome Gallery	Map Scene Gro	oups Content Orga	Janization
	Group	s		
	My Groups	Featured Groups	My Organization's (	Groups
		+ Create New Grou	р	Q Search My Groups

Every user added to the portal can access content you publish (if you grant access to your organization). Therefore, groups are optional. Adding groups lets you further customize the maps, layers, and basemaps an individual can access.

# Tags

.

When publishing maps and layers, providing tags allows for easier searching of content. Tags are a part of the content definition and are set when the item is added or can be edited in the item details after the fact:

Home Gallery Map Scene Groups Conte	ent Organization		Nicole 🗸 C	ξ.
Content My Content My Favorites My Groups	My Organization			
🕇 Add Item 🗸 🛛 👔 Create 🗸	Q Search NicoleSchmidtLucity			
Folders 🖴 New	1 - 16 of 34 in NicoleSchmidtLucity		Sor	t by: Date Modified $\checkmark$ $~~\downarrow$
🚔 All My Content	Title			Modified 🔻
NicoleSchmidtLucity	Sewer Map and Water Feature Plus Image Server	Web Map	<u>4</u> ★ ⊡	Aug 21, 2017
	LucityGIS_Traffic_Signs	Feature Layer	View item details	Aug 20, 2017
✓ Item Type	ParkHostedDemo	Feature Layer (hoste	Open in Map Viewer	Aug 16, 2017
Maps Lavers	ParkHostedDemo	Service Definition	Create Presentation	Aug 16, 2017
Scenes	LucityGIS_Facilities	Feature Layer	Open in ArcGIS Desktop	Aug 16, 2017
Apps Tools		e 1. j	A 1	* */ 0047

Notes:	 	 

For this map, it has only one tag assigned:

Details	
★★★★★ (0) ≧ views: Created: May 25, 2017 Size: 34 KB Shared with: Dev	358
Owner	🛓 Change Owner
NicoleSchmidtLucity	
Folder	Move
NicoleSchmidtLucity	
Tags	💉 Edit
lucity	
Credits (Attribution)	in Edit
Acknowledge this item's so	urce.

To add multiple tags, click Edit and add a new tag (click Enter after each tag).

Edit Tags

lucity × operations	×	
Add tag(s)		
	Save	Cancel

Lucity allows you to configure a custom search which includes tags to limit basemap and webmap search results. This helps limit the content a user must browse through in an organization with many groups accessing different maps. Tag search limits are in System Settings and are covered in the Lucity Web administration section.

# Favorites

ArcGIS Online and Portal for ArcGIS Enterprise allow for users to designate favorite content.

	Sewer Map and Water Feature Plus Image Server	Web Map	🍓 ★ 🚥 Aug 21, 2017
	LucityGIS_Traffic_Signs	Feature Layer	Add to Favorites Aug 20, 2017
_			A

This provides an individualized limited list of content that a user is most interested in seeing. Favorites in Lucity are highlighted with a start:



Sewer Map and Water Feature Plus Image Server

And users can limit galleries to display only their favorites:

Show My Favorites Only

Users cannot currently define favorites within in Lucity, but that is planned for a future release.

Notes:\_\_\_\_\_