



STILLAGUAMISH TRIBE OF INDIANS

Finally! Implementation of ArcGIS Server through ArcGIS Online

ESRI UC 2016



By Kerry Lyste

THPO; GIS Database Administrator

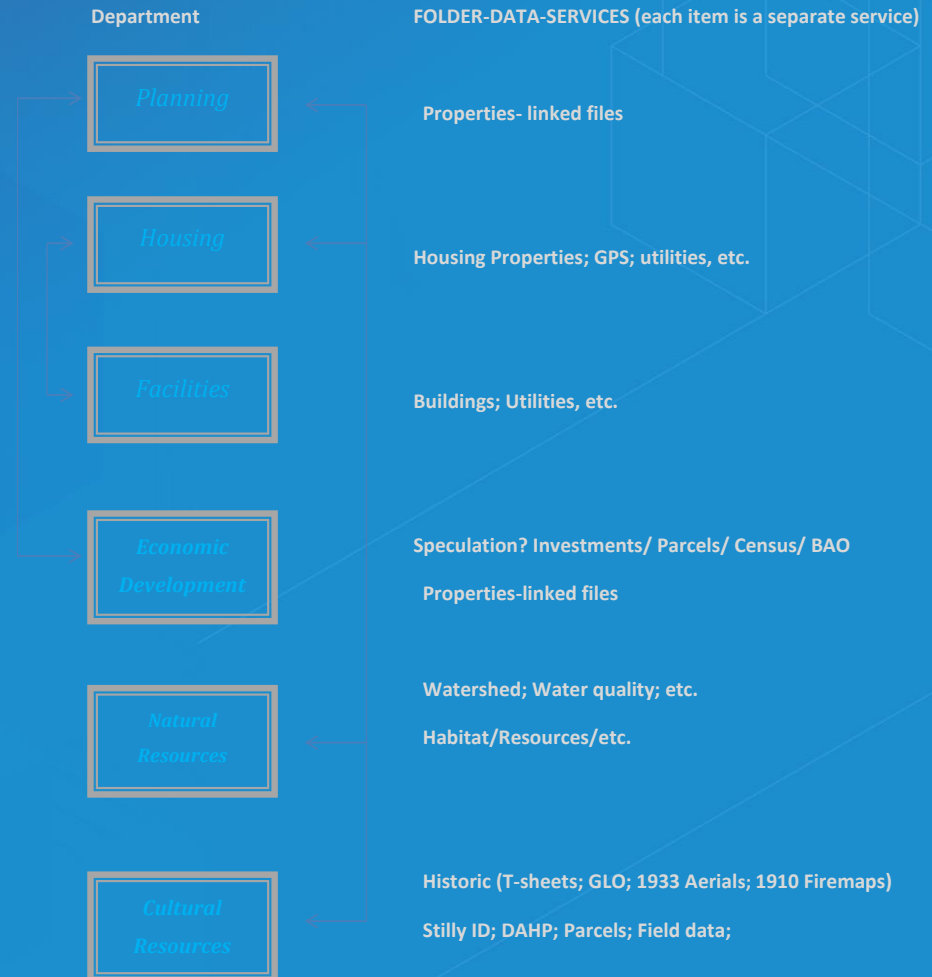
Stillaguamish Tribe of Indians



How do we use geospatial information to make better informed decisions and increase efficiency at an organizational level?

- **UNA** – get a handle on what needs throughout your organization truly are.
- **Inventory your data needs and the cost associated with them.** (ex: Lidar, 3D applications versus more pedestrian data layers)
- **Figure out a training plan (if necessary) to implement your GIS applications.**
- **Beta test your platform before scale-up.** Evaluate how you want your data stored (ex: enterprise geodatabase)

Intranet Mapping Services Guide



Architecture – ArcGIS Server through ArcGIS Online

Why not Portal? What is the Advantage of this? The “best of both worlds”.

- Use less credits using Server instead of tiled services in ArcGIS Online (AGOL).
- Use Enterprise Geodatabase as Document Solutions Manager – host documents and send out securely.
- Use the ESRI Security Model of AGOL.
- Host secure data in-house. Users need an account to access secure data, which is password protected.
- Control access for secure services through groups and permissions in AGOL.
- Leverage basemaps and online data through AGOL.
- Updates to AGOL are pushed out by ESRI rather than done in-house for Portal.
- Both can be published directly from Desktop.
- AGOL works with the Collector App.

ArcGIS Server Manager

The screenshot shows the 'Clusters' page in the ArcGIS Server Manager. The left sidebar contains a menu with 'Directories', 'Configuration Store', 'Clusters' (selected), 'Machines', 'Data Store', and 'Extensions'. The main content area has a 'Clusters' section with a description: 'A cluster is a group of machines to which you can assign a subset of services. When you created the ArcGIS Server site, one cluster called 'default' was created and the local machine was added to it. You can organize machines into clusters based on the security, ownership, and resources of the machines.' Below the text is a 'New Cluster' button. At the bottom, a table header is visible with columns 'Name', 'Machines', and 'Protocol'.

The screenshot shows the 'Configuration Store' page. The left sidebar is identical to the previous screenshot, with 'Configuration Store' selected. The main content area has a 'Configuration Store' section with the text: 'Specify the location where the server configuration files are stored. This location must be accessible to all machines that are registered to the site.' Below this is a note: 'Click the edit icon to modify the configuration store location.'

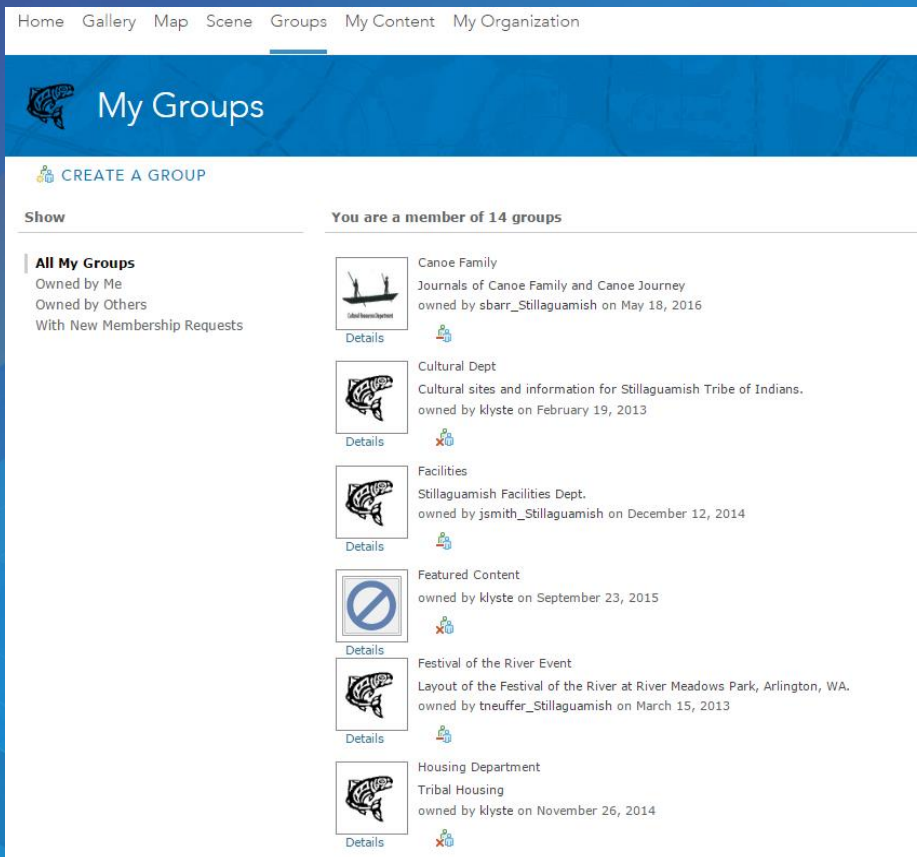
The screenshot shows the 'Sharing Configuration Settings' page. The top navigation bar includes 'Manage Services', 'OGC Services', 'KML Network Links', and 'Sharing' (selected). The main content area has a 'Sharing Configuration Settings' section with a description: 'Provide connection information for ArcGIS Online or your own portal. This connection enables sign in to the portal. Use the edit icon to change the connection settings. Then use Sign In to connect.' Below this is a 'Portal Settings' section with two fields: 'Portal URL:' with the value 'https://www.arcgis.com/home' and 'Service Base URL:' with the value 'http://stadmarc02:6080/arcgis/'. Below these fields is a 'Signed In' status with a green checkmark and a 'Sign Out' button.

The screenshot shows the 'Machines' page. The left sidebar is identical to the previous screenshots, with 'Machines' selected. The main content area has a 'Machines' section with the text: 'An ArcGIS Server site includes one or more GIS server machines. Click Add Machine to join an additional machine to this site.' Below this is an 'Add Machine' button. At the bottom, a table lists the machines. The table has two columns: 'Name' and 'Status'.

| Name | Status |
|------------------------------|---------|
| STADMARC02.STILLAGUAMISH.COM | Started |

stadmarc02:6080/arcgis/manager/site.html

AGOL



Manage Items
View Groups
View Profile
Reset Password
Enable Esri Access
Disable Member
Delete Member

| Search for Name... | | |
|-----------------------|--------|--|
| Role | Action | |
| Publisher | | |
| User | | |
| 5 Publisher | | |
| 4 Publisher | | |
| 6 Administrator | | |
| 4 User | | |
| 4 User | | |
| 4 Publisher | | |
| 6 Publisher | | |
| 4 Publisher | | |
| Viewing 11 - 20 of 24 | | |

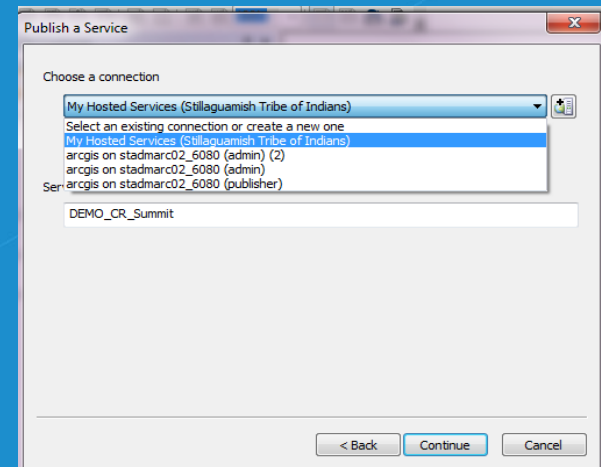
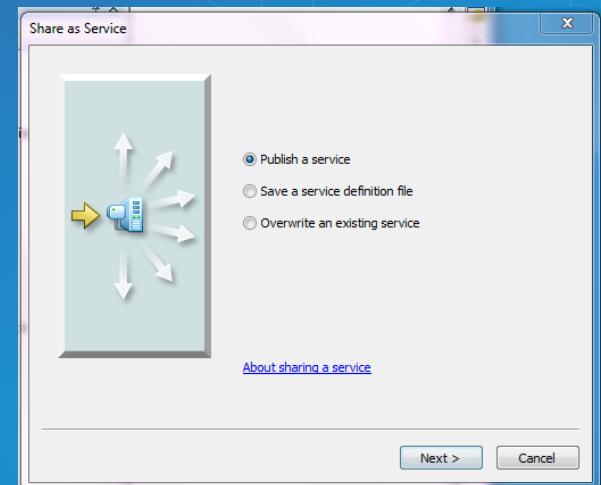
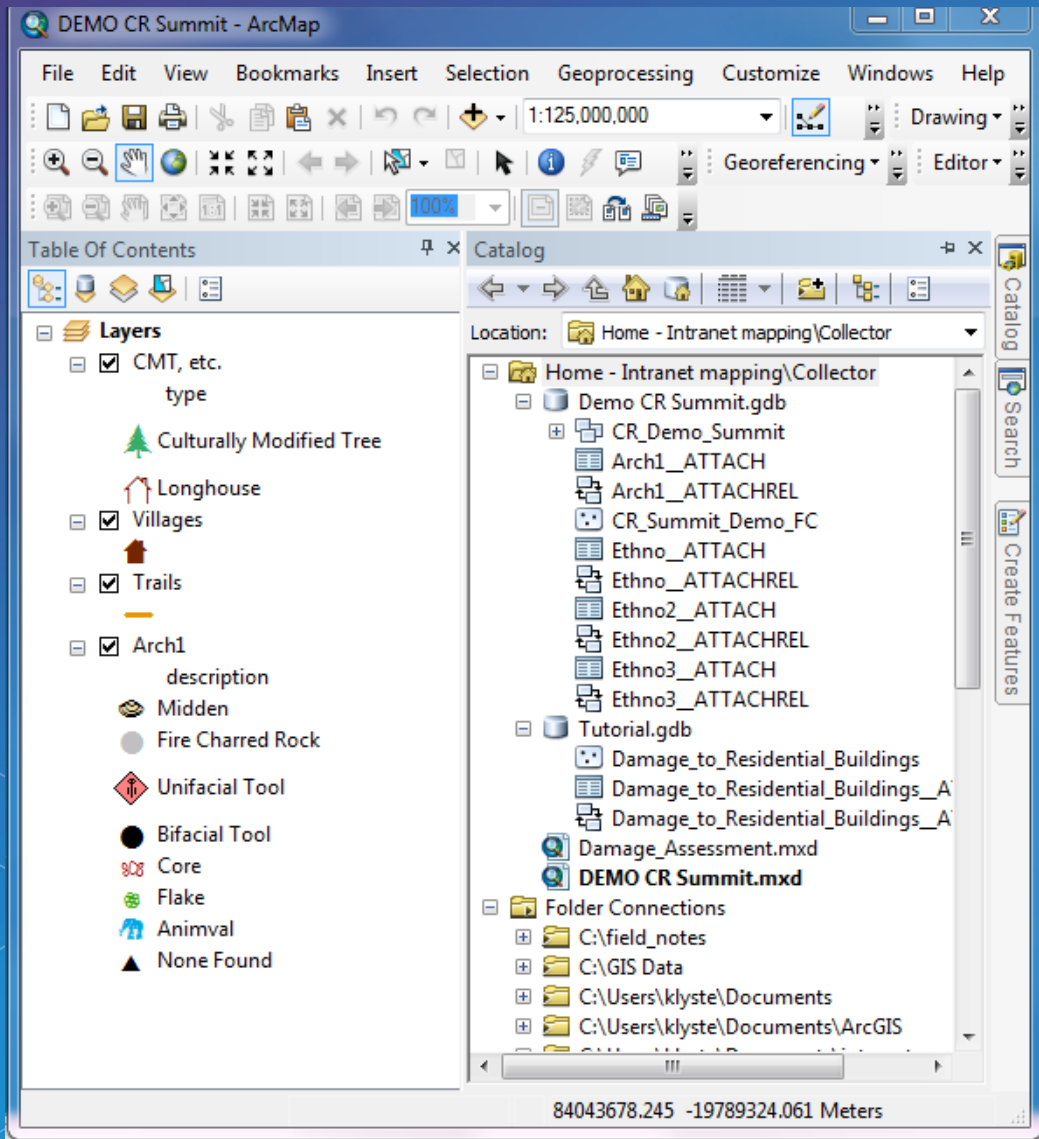
Status:

- ☐ Private (Users cannot find this group and can join by invitation only.)
- ☒ Organization (Users within your organization can search for and find this group.)
- ☐ Public (Users can search for and find this group.)
- ☒ Users can apply to join group

Contributors:

- ☐ Members
- ☒ Only group owner

Collector



Stillaguamish ArcGIS Online

HOME GALLERY MAP SCENE GROUPS MY CONTENT MY ORGANIZATION

Gallery


My Favorites My Organization's Featured Content Esri Featured Content

Stillaguamish Tribe of Indians Featured Content

Sort By

Show All

HOME GALLERY MAP SCENE

 My Content

at the

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NEW DELETE

klyste (Home)

1933 aerial

Anderson

Cultural

DNR

Festival OTR

GLO

Leaf

Properties

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1 - 3

DNR gate maps

Hope Island Map

Festival of the River 2013

Stilly Properties

DAHP Map

Stillaguamish Cultural

DNR maps


Stilly_Prom 014bet

LEAF November 2012

Stilly Demographic


Stilly Properties P

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HOME ▾ UC Base 2015


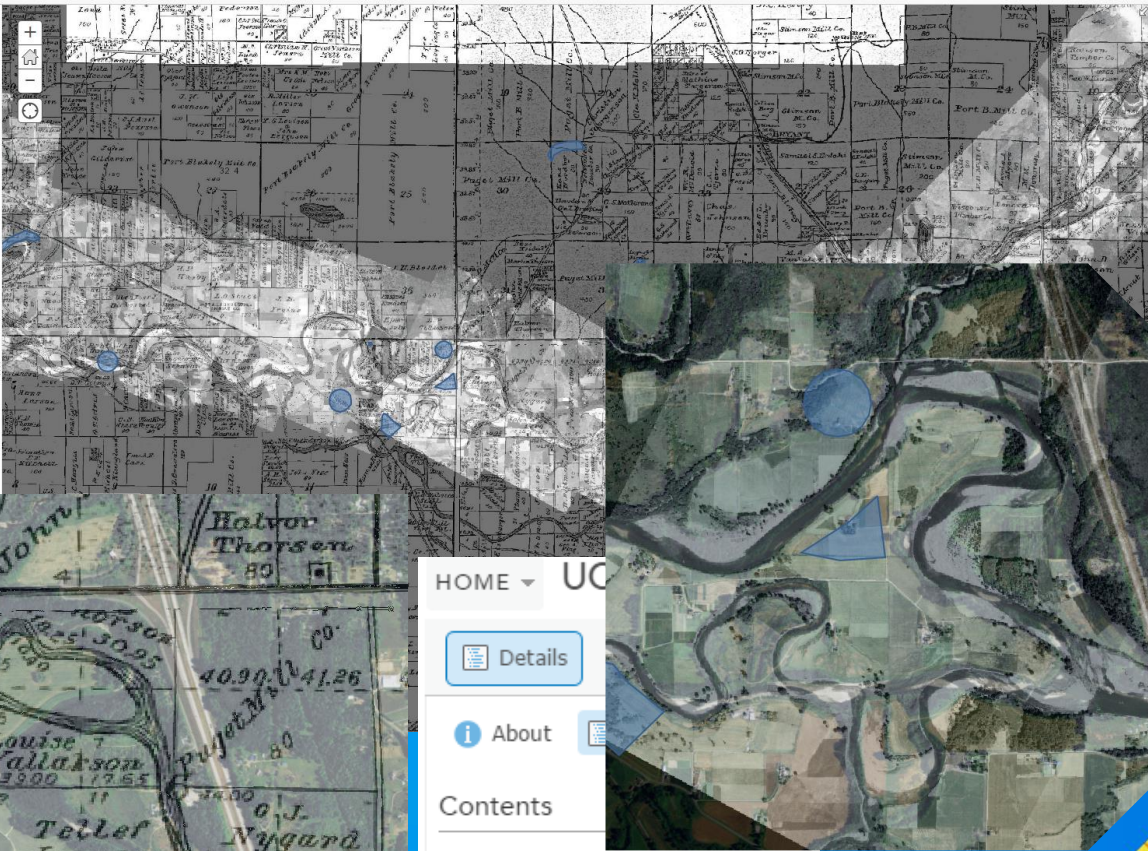
NEW MAP CREATE PRESENTATION  Kerry

Details Add Basemap Save Share Print Directions Measure Bookmarks Find address or place

About Content Legend

Contents

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- ☒ 1933 aerals beta
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Link to UC Base 2016



Where?

Are we at now?



Every part of all this soil is sacred to my people. Every hillside, every valley, every plain and grove has been hallowed by some sad or happy event in the days long vanished. The very dust you now stand on responds more willingly to their footsteps than to yours, because it is rich with the blood of our ancestors and our bare feet are conscious of the sympathetic touch.

Even the little children who lived here and rejoiced here for a brief season love these somber solitudes, and at eventide they greet shadowy returning spirits.

Chief Seattle

For more information, contact:
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