ArcGIS Enterprise for Muckleshoot
Indian Tribe
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Discussion Items

- What is ArcGIS Enterprise
- Why ArcGIS Enterprise vs. ArcGIS Online
- ArcGIS Enterprise Considerations & Costs
- Tech Specs
- Examples
- Next steps
ArcGIS Enterprise?
Why ArcGIS Enterprise vs. AGOL?

- Doesn’t use storage credits for hosted feature or tiled services.
- Federation with ArcGIS Server.
- Published content from users is stored locally in the Data Store not in the cloud.
- Geoprocessing services can be performed by ArcGIS Server.
- Backup and restore capability of data.
ArcGIS Enterprise considerations & costs

- Adequate hardware for Portal, ArcGIS Server, and SQL Server.
- CA (certificate authority)-signed server certificates
- Server administration & resource allocation
- Backup and restore strategy
- Upgrading
Tech Specs

• 4 Cisco Blade Servers UCSB-B200-M4
• Intel® Xeon® CPU E5-2699v3 @ 2.30GHz
• Total of 288 cores and 1 TB RAM.
• VMware vSphere 6 Enterprise

• ArcGIS Server Enterprise 10.6
• Portal for ArcGIS 10.6
• SQL Server 2016
• 6 TB of disc space for GIS infrastructure
The Muckleshoot Indian Tribe is a federally recognized Indian tribe whose membership is composed of descendants of the Dowsenhish and Upper Puyallup people who inhabited Central Puget Sound for thousands of years before non-Indian settlement. The tribe's name is derived from the Native name for the prairie on which the Muckleshoot Reservation was established. Following the Reservation's establishment in 1857, the tribe and its members came to be known as Muckleshoot, rather than by the historic tribal names of Dowsenhish and Upper Puyallup ancestors. Today, the United States recognizes the Muckleshoot Tribe as a tribal extension to the Dowsenhish and Upper Puyallup bands from which the tribe's membership descends.
Next Steps

- Training to migrate project level data from departments to the Data Store.
- ArcGIS Professional training for power users.
- Web GIS training for Portal users.
- Deployment of GeoEvent Server.
- Separate instance of Image Server for raster analysis.
- Creation and deployment of new web applications.