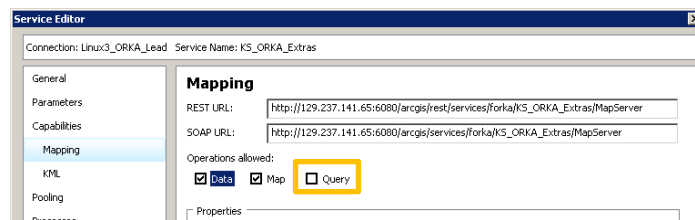Securing Map Services Against Being Exported

By Kristen Jordan-Koenig, May 3, 2016

Issue: Tools exist to export map service features to shapefile, json and geojson (for example: https://github.com/tannerjt/AGStoShapefile)

Solutions:

1.) Secure services through ArcGIS Server Manager (see appropriate Esri documentation for instructions)
2.) Turn off the "Query" capability for the map service from an administrative connection to your ArcGIS Server. NOTE: this will also turn off map interactivity for functionalities like searching for features and popups so it's not the best solution for all services.
    a. Inside ArcCatalog: Open the service properties and on the Mapping tab, uncheck Query.

    b. Inside ArcGIS Server Manager: Open the service properties and on the Capabilities tab, uncheck Query.