



NC OneMap Update

Statewide Mapping Advisory Committee
18 January 2017



Web Services and HTTPS

- Now available by using only HTTPS
 - Secure
 - Integrates easier with web apps running over HTTPS
- Replace URLs in desktop and web applications:
 - Old: <http://services.nconemap.gov/arcgis...>
 - New: <https://services.nconemap.gov/secure...>
- Read all about it:
 - <http://bit.ly/2jKCwhp>

URL's Changing for Several NC OneMap services

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28 11/28/2016 8:34 AM

Overview

Did you do any online shopping over the Thanksgiving weekend? If so, chances are you checked to make sure that you were using HTTPS before paying (you did look didn't you?). As you know, HTTP is the protocol that is used to send data back and forth between your device/browser and a website. HTTPS does the same thing except that it also provides encryption so that any information that is being communicated between you and the website is secure. The goal is to make it impossible for someone to intercept your information while you're trying to score that 55" flat screen tv. The same principle also applies when a secure application makes a web service request from another provider. The provider needs to be able to also communicate securely so that it doesn't create a vulnerability.

CGIA making the switch to HTTPS

All of the web services (map, image, etc.) currently hosted by CGIA that are provided to NC OneMap will be switching to HTTPS to support secure communication. This change will be completed on **Friday, January 6, 2017**. Services hosted by other NC OneMap partners will remain the same. In order to prevent disruptions, you are encouraged to **make the changes now** so that you can test connectivity.

Why?

There are a couple of reasons why we are switching our services to HTTPS. The first reason is related to the description mentioned above. In the last several months, there have been more and more cases where people have applications that require a secure connection. Implementing HTTPS will maintain security as these applications communicate with our services. Additionally, making this switch will make us more popular. Starting in 2014, [Google started using HTTPS as a ranking factor](#) in search results. The more people that know about our services the better. While this isn't the primary reason for us making this change, increasing our exposure through better Google search rankings certainly doesn't hurt.

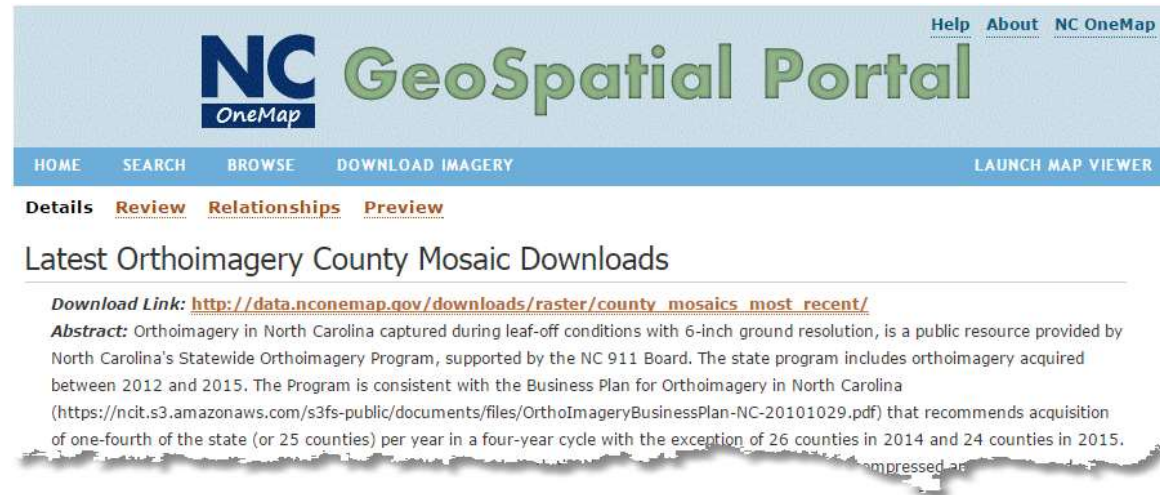
What You Need To Do

If you are attempting to connect for the first time then please check our [FAQ](#) on how to do that. Otherwise, here are links for [changing from http to https](#)



Recent upgrades introduced BUGS!

- ArcGIS Server 10.5
 - When using the Geoportal Download Imagery tab (or an API request from any NC OneMap image service) world files are not included in the download
 - Workaround:
 - Download MrSID county-based mosaics rather than individual tiles

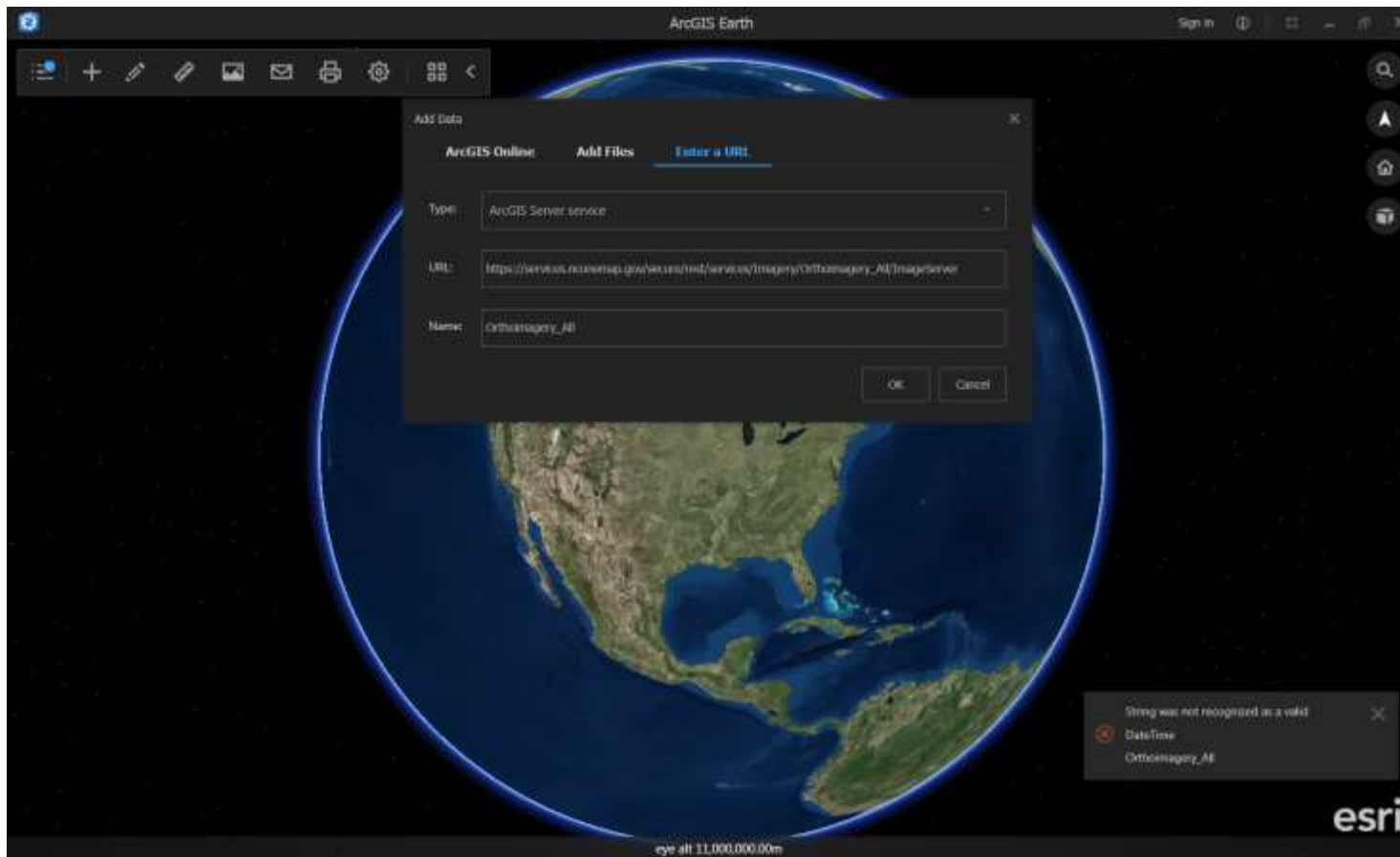


- Use the image services



ArcGIS Upgrades

- ArcGIS Earth 1.3
 - Not able to ingest image services that contain a DATE field type. Ex.: Orthoimagery_All





Questions?/Comments!

