



How-To-Document Resource: s *Understanding the difference between HTTP & HTTPS*

The difference between HTTP & HTTPS

As we navigate websites, our computer browsers constantly transmit data to and from the websites across the Internet. When using HTTP at a website, the information transmitted across the Internet between our web browser is not encrypted and can be retrieved and read by malicious actors. To increase users' security and safety, most websites have changed from HTTP to HTTPS. HTTPS encrypts the information transmitted between your computer's web browser and the website, prohibiting malicious actors from capturing and reading your data. When navigating websites, especially if you are accessing a website with a username and password to view sensitive information, make sure the website has a prefix of HTTPS and not HTTP.

Some examples of websites using HTTPS

Secure | <https://www.google.com>

Secure | <https://progressbook.neomin.org/>

Secure | <https://www.dhs.gov>

Secure | <https://education.ohio.gov>

Secure | <https://netforum.avectra.com/eWeb/StartPage.aspx?Site=TCESC>

Resource

https://www.cisa.gov/sites/default/files/publications/dhs_election_https_overview_final_508.pdf