Assignment 8 **Tyler Wilding**
COSC 4426 Due Date: 18/09/16
Prof. Biocchi –
TA: – Website Used

Passive Access Report for Algomau.ca

Domain Information

1. Website is using SSL from a certificate supplied by RapidSSL that is set to expire on August 22nd 2018.
2. The domain is registered through Rebel.ca Corp under the name Mr. DeConto and is set to expire on January 4th 2017 when running a WhoIS check. However when using netcraft the domain registrar is cira.ca registered under the University's name
3. The IP address is 161.47.16.90

Hosting Information

1. Algomau seems to run their own DNS servers, ns3.algomau.ca and ns4.algomau.ca.
2. The DNS admin's account is listed as its@algomau.ca.
3. These name servers are most likely provided by Rackspace, as this the hosting provider for the website.
4. The website is being hosted with nginx on Linux
5. Most of the most common ports are disabled, with only 80 and 443 being open.

Website Details

1. The website is making use of HTML version 5, most likely CSS version 3 as well as javascript.
2. PHP is the language of choice for both my.algomau.ca and the main pages due to wordpress.
3. Because the website is running WordPress this also means they are using MySQL as a database.
4. Several google analytics cookies are used the website.
5. The website is also making use of javascript libraries such as jQuery and modernizr.
6. As mentioned previously, the website is using Google Analytics and while the main domain's account details are hidden, their subdomain my.algomau.ca's account information is UA-37063246-1.
7. Algomau.ca is also using other web tracking services in addition to Google analytics, the other being MaxCDN.

8. The website also uses an HTTP Accelerator called Varnish, which acts as a proxy server to reduce load times on the pages.

Wordpress Details

1. The website is running wordpress version 4.6.1 which is the latest stable version.
2. They are using the wordpress theme: Bones.
3. Directory indexing is not enabled which is good for reducing the possibilities for attacks.
4. The website is running the wordpress plugin Yoast version 3.6.1 which is Yoast is an SEO plugin which major vulnerability problems last year, as well as just a few months ago
5. The admin login page is located here
6. Additional wordpress plugins that the site uses includes:
   (a) Custom Facebook Feed
   (b) WC Shortcodes
   (c) Malihu Custom Scrollbar
   (d) Youtube Channel Gallery
   (e) Magnific Popup
   (f) New Royalslider
7. There are five authors on the WordPress website which include:
   (a) Nick Burnie (Author id = 0)
   (b) admin_ALGOMA (Author id = 1)
   (c) Michelle Jondreau (Author id = 5)
   (d) Meaghan Kent (Author id = 6)
   (e) Mike Biocchi (Author id = 7)

Other Information

1. No malware or spam was detected, however no firewall was able to be detected either.
2. The website passes Google's safe browser check