

Research Assessment 13

Date: February 21, 2019

Subject: Background of Hosting a Static Website

APA Citation:

Amazon Web Services. (2020, January 24) Hosting a Static Website on Amazon S3.

<https://docs.aws.amazon.com/AmazonS3/latest/dev/WebsiteHosting.html>

Assessment:

For my research assessment this week, I decided to look more into the creation of the actual static website, and how Amazon S3 comes into play for this creation, instead of watching the Networking Fundamentals that I usually watch each week. What I was going for from this research was the essentials that I need to learn about, as I am going to eventually be seeing the similar information in the future to create this static website. Along with this, I thought it would be a better idea to research this static website by myself before I go to see my mentor tomorrow, so that way I could ask him any questions regarding the ability to host a static website through S3. Tomorrow, I plan to watch another Networking Fundamentals video to stay caught up with those as well, but as for now, I want to focus on the creation of this static website.

So a general overview of what I researched today includes: web hosting, configuring an S3 bucket to the website, and knowing the difference between a static website and a dynamic website. So to start off, when it comes to websites, there are two main types: static and dynamic. A static website typically uses HTML script that is shown to the user, and that is the only information that is portrayed to the user. A dynamic website, on the other hand, uses server-side scripting languages, such as PHP and JavaServer Pages, and the content on this type of website is called in from other files or databases, that are taken upon the user's actions. I thought it was really helpful to look at this page, and go to other pages to research what the difference was between these websites. It was very interesting to research how each of the websites work, and why actions for the websites are taken in their specific ways. Next, I looked into web hosting, which, in short, means being able to host a website on the internet. I did not need to look into too much depth for this because the idea is pretty self-explanatory. Finally, I looked at configuring an S3 bucket to the static website. In order to host a website, the creator usually has to have something behind it to hold that information and retrieve and show it to the user. For example, when using a website builder, such as Wix, we put information that is stored behind and shows up when prompted by the user. Similarly, I learned that S3 is the bucket that helps pop up this information for the static website on the user's screen.

Altogether, I found this research much more interesting compared to Networking Fundamentals because there was so much more to do. Tomorrow when I meet my mentor, I look forward to asking him if we could start on the actual website, and see if I could continue the network information later on. I am excited to get started on hosting this static website, and I look forward to seeing where my final product will reach by the end of this year.