

Minutes of Meeting

1. Meeting Date: Tuesday February 14th at 7:30am

2. Meeting duration: 1 hour

3. Participants:

Doron: Mentor

Alex: Team Leader

Jake: Team Member

Sam: Team Member

4.

We discussed the starting steps for the Post-Quantum SPIFFE project. Our project objective is to develop a prototype replacement for the encryption of a popular cloud middleware used for workload identity in order to be resistant to quantum computing. This is part 2 of another cloud project completed by previous WSU students, which we will be continuing. For the first steps of our project, we will learn the necessary prerequisite topics by doing research in areas including cloud, encryption, and quantum computing. Then, we will present 3-4 presentations on our findings. Each presentation will be 60-90 minutes in length with about 40 slides and a roughly 10 minute hands-on exercise each. Each team member will have a branch to demonstrate completion of the hands-on exercise. For example, one part of a presentation may discuss what a container is and then demonstrate how to run an app using kubernetes as the hands-on exercise. After we have completed our presentations, we will begin working on the design for the project. By the end of the semester, our goal is to complete our presentations, and if time permits, begin the design phase.

For this first week, we will watch the video provided in the lecture (<https://www.youtube.com/watch?v=YUUA0QZ1ZU>) about the project completed by prior WSU students. This week, Doron will send a list of topics to prepare for our first presentation and we will begin doing research on the topics and preparing a draft of our presentation. We will meet either the week of the 20th or the 27th with a draft of our first presentation.

5. We are currently planning to meet weekly on Tuesdays at 8:30am.