**Project Portfolio Management**

**Weekly Project Time Sheet**

**Student Name:** Jacob Brown

**Project Name:** Locked LAMP

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| **Activity** | **Task Description** | **Start Time** | **End Time** | **Total Time** | **Date** |
| **Research** | | | | | |
| 1.1.1.1. Digital Ocean | Researched Digital Ocean (DO) for account details, droplet sizes, locations, and Operating Systems (OS). | 0900 | 0930 | .5 hr | June 29, 2021 |
| 1.1.1.2. Ansible Modules | Researched Ansible modules to connect to DO, modify files, and create Ansible Vault for local encryption of secrets. | 0930 | 1030 | 1 hr | June 29, 2021 |
| 1.1.1.3. API Communications | Researched how to use DO’s API token to communicate from CentOS VM to DO to create droplets. | 1030 | 1100 | .5 hr | June 29, 2021 |
| 1.1.1.4.  DISA STIGs | Researched the DISA STIGs and picked the most applicable for hardening. Some STIGs are applicable only to the Department of Defense. | 1200 | 1600 | 4 hrs | June 29, 2021 |
| **Digital Ocean Account** | | | | | |
| 1.1.2.1. Create Account | Created client account in DO for the purpose of development and demonstration. | 0800 | 0830 | .5 hr | June 30, 2021 |
| 1.1.2.2. Create API Token | Created an API token for Ansible to use for creating droplets, and account identification and authentication. | 0830 | 0845 | .25 hr | June 30, 2021 |
| **CentOS Virtual Machine** | | | | | |
| 1.1.3.1. Download CentOS ISO file | Downloaded a fresh ISO of CentOS 8 from the CentOS Project web site: <https://www.centos.org/> | 0845 | 0915 | .5 hr | June 30, 2021 |
| **CentOS Virtual Machine - Create CentOS VM** | | | | | |
| 1.1.3.2.1. Static IP Address | Configured CentOS with a static IP address for ease of SSH commands. | 0915 | 0930 | .25 hr | June 30, 2021 |
| 1.1.3.2.2. Create Client Folder | Created a client folder for DO API token and Ansible host, configuration, and playbook files. | 0930 | 0945 | .25 hr | June 30, 2021 |
| 1.1.3.2.3. Create an SSH key | Created a SSH key for registering with DO and adding to droplets. | 0945 | 1000 | .25 hr | June 30, 2021 |
| **Install Ansible** | | | | | |
| 1.1.3.3.1. Modify Ansible Host File | Created a host file that will connect to localhost. | 1000 | 1030 | .5 hr | June 30, 2021 |
| 1.1.3.3.2.  Modify Ansible Configuration File | Modified the config file to use the new host file as the inventory, and turn off the host key checking. | 1030 | 1100 | .5 hr | June 30, 2021 |
| **Install Ansible - Create Ansible Vault** | | | | | |
| 1.1.3.3.3.1. Secure API Token | The DO API token was secured using Ansible Vault encryption. | 1200 | 1230 | .5 hr | June 30, 2021 |
| 1.1.3.3.3.2 Secure SSH Key | Changed the file permissions: Private key 0600. Public key 0644. | 1230 | 1300 | .5 hr | June 30, 2021 |
| **Project Administration** | | | | | |
| 1.1.4.1. Status Report Upload | Brokedown the week’s events with task numbers, and added headers for task grouping. | 0800 | 0900 | 1 hr | July 2, 2021 |
| 1.1.4.2. Time Sheet Upload | A detailed breakdown of the week’s events with task numbers and added headers for task grouping. | 0900 | 1100 | 2 hr | July 2, 2021 |
| 1.1.4.3. Create Work Breakdown Structure Upload | Created the Work Breakdown Structure (WBS) for the project. The numbering is as follows: Project.Milestone.Phase.Tasks.Sub-Tasks. I do expect to added sub-tasks as the project continues. | 0800 | 1200 | 4 hrs | July 3, 2021 |
|  | **Total hours:** |  |  | **17 hrs** |  |

**Instructions:** Document the length of time (hours) it takes you to complete each activity you work on, and tally the total hours at the bottom. Submit the time sheet to your instructor by end-of-day of every Friday of the week.