**Locked LAMP**

**Weekly Status Report**

Milestone: I ☐ II ☐ III ☐ IV ☐

For Week Ending: July 18, 2021

*Accomplished this week*

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| **Communicate with Digital Ocean** |
| 1.2.1.1. Create Basic Ansible Playbook |
| 1.2.1.2. Upload SSH Keys |
| 1.2.1.3. Create Droplet |
| 1.2.1.4. Add Droplet Public IP Address to Memory |
| **DISA STIGs Playbook** |
| 1.2.2.1. Update and Upgrade OS |
| **Install Packages** |
| 1.2.2.2.1. Install EPEL RPM |
| 1.2.2.2.2. Install REMI RPM |
| 1.2.2.2.3. Install PHP 7.4 |
| 1.2.2.2.4. Install MariaDB 10.3 |
| 1.2.2.2.5. Install Apache 2.4 |
| 1.2.2.2.6. Install php-mysqlnd |
| 1.2.2.2.7. Install php-fpm |
| 1.2.2.2.8. Install git |
| 1.2.2.2.9. Install Firewalld |
| 1.2.2.2.10. Install pymysql with pip |
| **MariaDB** |
| 1.2.2.3.1. Start MariaDB Service |
| 1.2.2.3.2. Create Root Password |
| 1.2.2.3.3. Remove Anonymous DB Users |
| 1.2.2.3.4. Remove Test Databases |
| **Configure Firewall Ports** |
| 1.2.2.4.1. Start Firewall Service |
| 1.2.2.4.2. Open Port 80 for HTTP |
| 1.2.2.4.3. Open Port 22 for SSH |
| **Apache** |
| 1.2.2.5.1. Start Apache |
| **Configure Cat 1 STIGs** |
| 1.2.2.6.1. Enforce Local Packages Certificate Signature - ID: V-230265 |
| 1.2.2.6.2. Remove All “shosts.equiv” files - ID: V-230283 |
| 1.2.2.6.3. Remove All “.shosts” files - ID: V-230284 |
| 1.2.2.6.4. Remove Telnet-Server Packages - ID: V-230487 |
| 1.2.2.6.5. Remove RSH-Server Package - ID: V-230492 |
| 1.2.2.6.6. Block “ctrl-alt-del” Reboot - ID: V-230529 |
| 1.2.2.6.7. Block “ctrl-alt-del” Burst Reboot - ID: V-230531 |
| 1.2.2.6.8. Remove TFTP server - ID: V-230533 |
| 1.2.2.6.9. Remove FTP server - ID: V-230558 |
| **Configure Cat 2 STIGs** |
| 1.2.2.7.1. Install rsyslog Remote System Log - ID: V-230228 |
| 1.2.2.7.2. Encrypt All Stored Passwords - ID: V-230231 |
| 1.2.2.7.3. Valid Root Authentication for Rescue/Emergency Mode - ID: V-230236 |
| 1.2.2.7.4. Enable and Enforce Secure Enhanced Linux (SELinux) - ID: V-230240 |
| 1.2.2.7.5. SSH Connection Timeout - ID: V-230244 |
| 1.2.2.7.6. Force The Use of TLSv1.2 - ID: V-230255 |
| 1.2.2.7.7. Change System Commands Permissions - ID: V-230257 |
| 1.2.2.7.8. Change System Commands Owner - ID: V-230258 |
| 1.2.2.7.9. Change System Commands Group - ID: V-230259 |
| 1.2.2.7.10. Change Library File Permissions - ID: V-230260 |
| 1.2.2.7.11. Change Library File Owner - ID: V-230261 |
| 1.2.2.7.12. Change Library File Group - ID: V-230262 |
| **Project Administration** |
| 1.2.3.1. Status Report Upload |
| 1.2.3.2. Time Sheet Upload |
| 1.2.3.3. Prep Gantt Chart Upload |
| 1.2.3.4. Ansible Script Upload |

*Planned for next week*

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| **Validation** |
| 1.3.1.1. Validate Security Integrity |
| 1.3.1.2. Validate Ansible Playbook |
| **Project Administration** |
| 1.3.2.1. Status Report Upload |
| 1.3.2.2. Time Sheet Upload |
| 1.3.2.3. Prep Training |
| 1.3.2.4. Prep Presentation |
| 1.3.2.5. Prep Project Report |
| 1.3.2.6. Finalize Gantt Chart |

*Comments*

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| This was a good week! I added reqired steps 1.2.2.4.1. Start Firewall Service, 1.2.2.5.1. Start Apache, and 1.2.1.4. Add Droplet Public IP Address to Memory. Then removed stigs that dealt with passwords Digital Ocean No passwords are used in DO Droplets. (old task numbers) 1.2.2.5.1. / 1.2.2.5.7. SSH is used to authenticate. Also remove (old task number) 1.2.2.5.6. Stop Unattended or automatic Login this one is for desktop version OS not the comand line interface OS.  The changes are better identified in the version 2 of the WBS and Gantt chart. |