1. Locked LAMP
   1. Milestone 1 Start
      1. Research
         1. Digital Ocean
         2. Ansible Modules
         3. API Communications
         4. DISA STIGs
         5. Phase Complete
      2. Digital Ocean Account
         1. Create Account
         2. Create API Token
         3. Phase Complete
      3. CentOS Virtual Machine
         1. Download CentOS ISO file
         2. Create CentOS VM
            1. Static IP Address
            2. Create Client Folder
            3. Create an SSH key
            4. Sub-Phase Complete
         3. Ansible
            1. Update CentOS
            2. Install EPEL-release
            3. Install Ansible
            4. Create Ansible Host File
            5. Modify Ansible Configuration File
            6. Create Ansible Vault

Secure API Token

Secure SSH Key

Sub-Tasks Complete

* + - * 1. Sub-Phase Complete
      1. Phase Complete
    1. Project Administration
       1. Status Report Upload
       2. Time Sheet Upload
       3. Create Work Breakdown Structure Upload
       4. Phase Complete
    2. Milestone 1 Complete
  1. Milestone 2 Start
     1. Communicate with Digital Ocean
        1. Create Basic Ansible Playbook
        2. Upload SSH Keys
        3. Create Droplet
        4. Add Droplet Public IP Address to Memory
        5. Phase Complete
     2. DISA STIGs Playbook
        1. Update and Upgrade OS
        2. Install Packages
           1. Install EPEL RPM
           2. Install REMI RPM
           3. Install PHP 7.4
           4. Install MariaDB 10.3
           5. Install Apache 2.4
           6. Install php-mysqlnd
           7. Install php-fpm
           8. Install git
           9. Install Firewalld
           10. Install pymysql with pip
           11. Sub-Phase Complete
        3. MariaDB
           1. Start MariaDB Service
           2. Create Root Password
           3. Remove Anonymous DB Users
           4. Remove Test Databases
           5. Sub-Phase Complete
        4. Configure Firewall Ports
           1. Start Firewall Service
           2. Open Port 80 for HTTP
           3. Open Port 22 for SSH
           4. Sub-Phase Complete
        5. Apache
           1. Start Apache
           2. Sub-Phase Complete
        6. Configure Cat 1 STIGs
           1. Enforce Local Packages Certificate Signature - ID: V-230265
           2. Remove All “shosts.equiv” files - ID: V-230283
           3. Remove All “.shosts” files - ID: V-230284
           4. Remove Telnet-Server Packages - ID: V-230487
           5. Remove RSH-Server Package - ID: V-230492
           6. Block “ctrl-alt-del” Reboot - ID: V-230529
           7. Block “ctrl-alt-del” Burst Reboot - ID: V-230531
           8. Remove TFTP server - ID: V-230533
           9. Remove FTP server - ID: V-230558
           10. Sub-Phase Complete
        7. Configure Cat 2 STIGs
           1. Install rsyslog Remote System Log - ID: V-230228
           2. Encrypt All Stored Passwords - ID: V-230231
           3. Valid Root Authentication for Rescue/Emergency Mode - ID: V-230236
           4. Enable and Enforce Secure Enhanced Linux (SELinux) - ID: V-230240
           5. SSH Connection Timeout - ID: V-230244
           6. Force The Use of TLSv1.2 - ID: V-230255
           7. Change System Commands Permissions - ID: V-230257
           8. Change System Commands Owner - ID: V-230258
           9. Change System Commands Group - ID: V-230259
           10. Change Library File Permissions - ID: V-230260
           11. Change Library File Owner - ID: V-230261
           12. Change Library File Group - ID: V-230262
           13. Sub-Phase Complete
        8. Phase Complete
     3. Project Administration
        1. Status Report Upload
        2. Time Sheet Upload
        3. Prep Gantt Chart Upload
        4. Ansible Script Upload
        5. Phase Complete
     4. Milestone 2 Complete
  2. Milestone 3 Start
     1. Validation
        1. Validate Security Integrity
        2. Validate Ansible Playbook
        3. Phase Complete
     2. Project Administration
        1. Status Report Upload
        2. Time Sheet Upload
        3. Prep Training
        4. Prep Presentation
        5. Prep Project Report
        6. Finalize Gantt Chart
        7. Phase Complete
     3. Milestone 3 Complete
  3. Milestone 4 Start
     1. Finalize Project with Client
        1. Project Presentation
        2. Project Report
        3. Ansible Playbook and Files
        4. Client Acceptance
        5. Provide Training
        6. Phase Complete
     2. Project Administration
        1. Status Report Upload
        2. Time Sheet Upload
        3. Phase Complete
     3. Milestone 4 Complete