Scott Mermelstein – Final IOI

In progress

• CRUC /SSTS/CRES STIG Checklist Manipulation – I have gotten through writing/testing 142/247 stigs for XML/checklist manipulation. The Ansible role can be found on [gitlab](https://gitlab.us.lmco.com/e395480/rhel7-stig-devel/-/blob/master/Ansible_RHEL7_v2r6_20200124_mindpoint.ckl). I have gone over the process of how I went about developing them with Eliza. I also have a [Checklist](https://gitlab.us.lmco.com/e395480/rhel7-stig-devel/-/blob/master/Ansible_RHEL7_v2r6_20200124_mindpoint.ckl) on gitlab with all of my notes. I put in the commit message what STIGs I have written but have not yet gotten the chance to test.

Completed

• Patching Prep Handoff to Troy

* Troy has been assisting me with Patch prep for the last 2-3 weeks. I intend to handoff this tasking to him. I believe Troy has been taking ownership of task. This task includes:
* Pulling the Weekly patches on the low side.
* Sneak-netting over to the high side, running the scripts on the high side
* Synchronizing the patches
* Testing the patches
* Sending out word to the sysadmin team and ISSO.

CSEDS RDT&E Future Plans – Digital Transformation

Linux

* Patch Prep
  + Streamline patching prep to 1 script on each side.
* Patching
  + Automate via Ansible
  + Hand-off to Sysadmins
* Weekly Patching/Patch Monday
  + Mike D. has been fully trained to facilitate Patch Monday. He will work on training his sysadmins as time goes. I recommend having Troy (and others) get trained on this.
* System administration
  + Move as many systems to VMs as possible

Windows

* Patching
  + Look into how Ansible works with Windows
    - Linux for Windows
    - Ansible for Windows
    - Writing PowerShell scripts

Network

* Ansible

Documentation team

* Streamline the Vulnerator processes.
  + Figure out the process through which the documentation team receives the data from the checklists and how the Vulnerator interprets the data and get that into a more digestible format for this process of data sharing to be automated.

CCB

* Looking to migrate the CCB process to Jira with the help of Paul Z. from a design/functionality perspective.

Training

* Get more training opportunities for technical team.