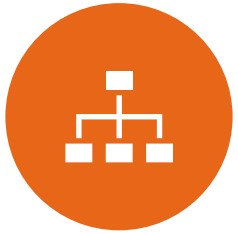
Tech Committee

Monday, February 6,2023

AGENDA

INFRASTRUCTURE

CYBER SECURITY



DEPARTMENT

NO UPDATES

WEBSITE

NO UPDATES

CIS CONTROLS

Infrastructure

Previous meeting

- Phone system server order is processed. Waiting on ETA for equipment.
- Virtual host has been ordered and is in. Looking to replace unit after break.
- Waiting on prices for SAN (Storage Area Network), eta replacement is July 1, 2023.

Update

- Phone system gateway components are in. Server delivered last week.
- Virtual host deployment completed.
- SAN is ordered, however there are components on back order.
- Guest Wi-Fi form is active.

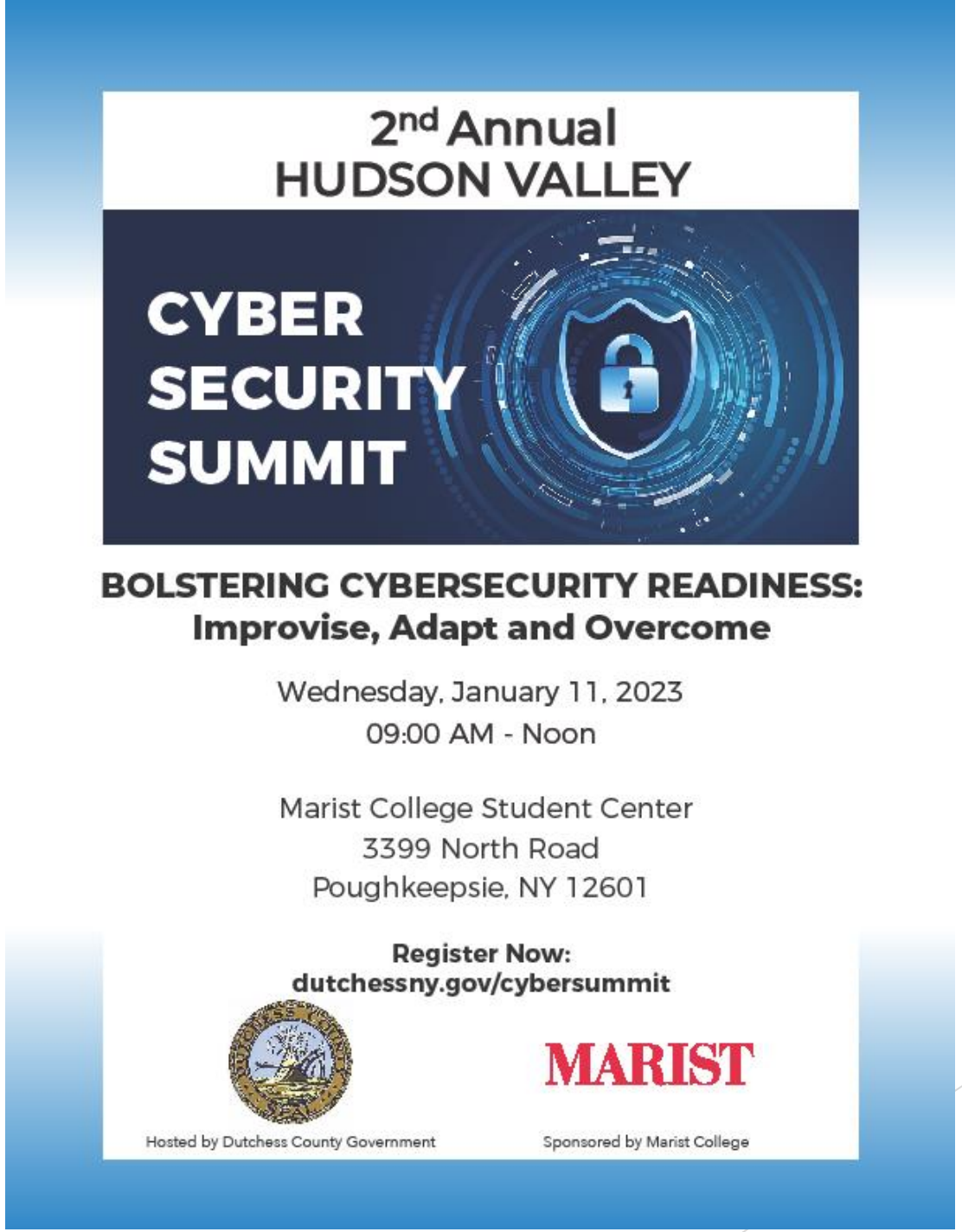
CYBER SECURITY UPDATES

Previous meeting

- Meeting with Aspire one (vendor performing work) next week to discuss work to be performed for DMZ (Demilitarized Zone) and ACL (Access Control List).
- Aspire finished Certificate structure which is active and is in place for WPA EAP 802.1x wireless on Windows devices.

Update

- Met with Aspire one, reviewed project scope, in scheduling phase. ETA is summer for DMZ and ACL work.


2nd Annual
HUDSON VALLEY
CYBER
SECURITY
SUMMIT
BOLSTERING CYBERSECURITY READINESS:
Improvise, Adapt and Overcome
Wednesday, January 11, 2023
09:00 AM - Noon
Marist College Student Center
3399 North Road
Poughkeepsie, NY 12601
Register Now:
dutchessny.gov/cybersummit
Hosted by Dutchess County Government
MARIST
Sponsored by Marist College

2nd Annual Cyber Security Summit

At the summit, industry experts including representatives from Dutchess County, New York State, and Federal Government agencies will discuss topics such as:

The current cyber threat landscape

Cybersecurity survival tactics for municipalities

Modernizing a cybersecurity approach

Cybersecurity issues to prioritize

The latest tools and resources available to improve cyber readiness

2nd Annual Cyber Security Summit Key points

- Nation states are in the business of ransomware, leading to increased attacks.
- Ransom attacks have dramatically increased with ransomware as a service.
- Email phishing is still leading cause of ransomware attacks.
- Weak passwords and poor access oversight lead to stolen credentials, which represents about a 1/3 of attacks.
- Reduce Software vulnerabilities with patch management.
- Employee training on phishing attacks is very important.

Cybersecurity Resources

Cybersecurity Toolkit

- ***Nonprofit.*** **CIS Controls Tool Mapping** — The Center for Internet Security (CIS) Critical Security Controls (CSC) are recognized by Federal cybersecurity standards as a recommended approach for local government developing a comprehensive security program for organizations of all sizes and sophistication. DHSES CIRT has developed a resource, which maps CIS CSC to free and commercially available tools: http://www.dhses.ny.gov//oct/cirt/documents/DHSES_OCT_CIRT_CIS_Controls_Tool_Mapping_v1.1.1.xlsx

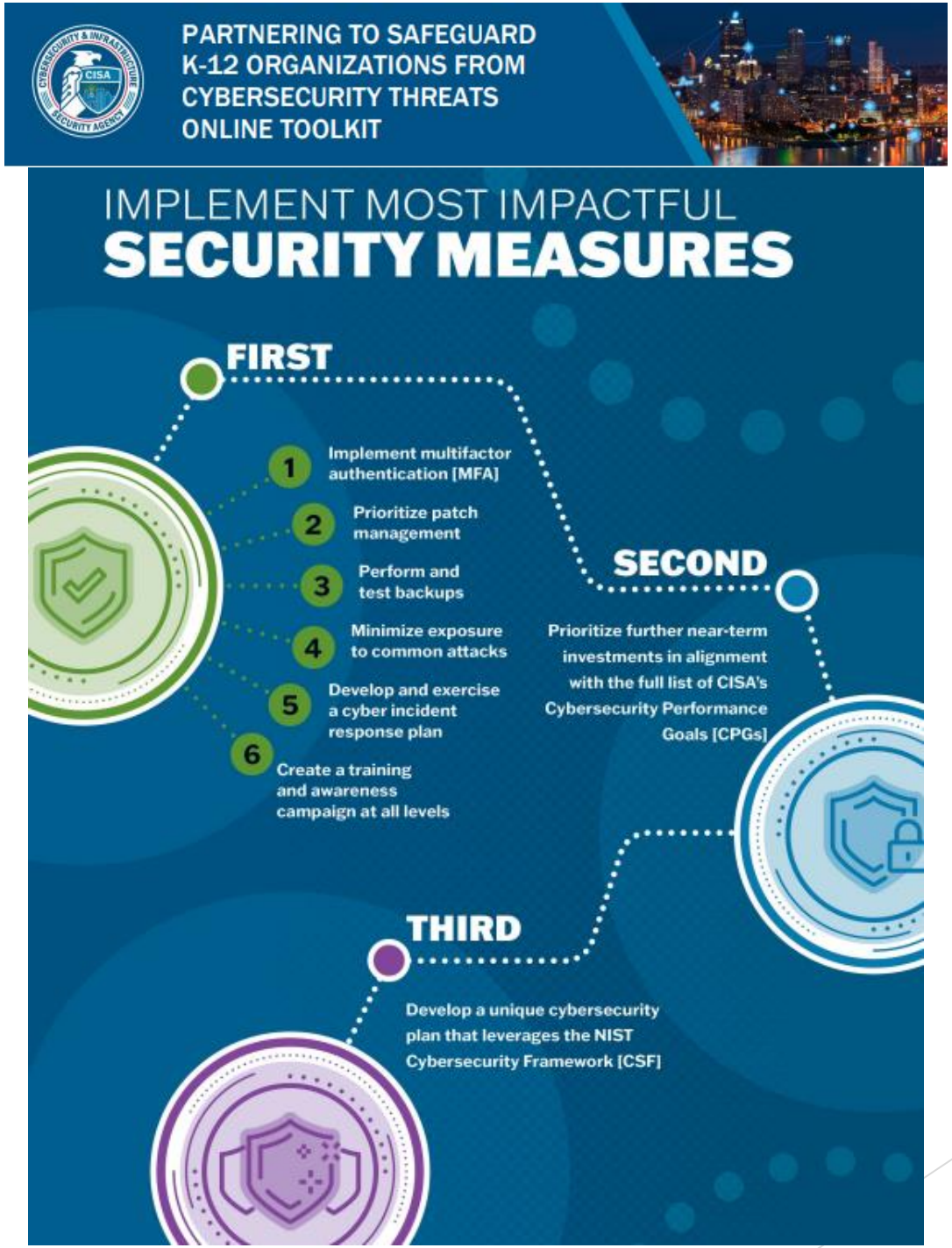
Sample Plans

- ***Nonprofit.*** **Center for Internet Security CIS Controls** — A set of basic, foundational, and organizational controls to protect, detect, and respond to cyber incidents for organizations of varying sizes. https://www.cisecurity.org/controls/
- ***Private for-profit.*** **SysAdmin, Audit, Network, and Security (SANS) Institute, Information Security Policy Templates** — Find the security policy template you need: https://www.sans.org/security-resources/policies
- ***State.*** **Core Functions & Guidance for Cybersecurity Programs** — Provides guidance for the implementation of a strong, resilient, cyber security program. http://www.dhses.ny.gov//oct/cirt/documents/DHSES_OCT_CIRT_Core_Functions_and_Guidance_for_Cybersecurity_Programs.xlsx

Other Cybersecurity Resources

- ***Nonprofit.*** **Center for Internet Security (CIS)** — CIS offers free cybersecurity best practices, tools, membership, and services. https://www.cisecurity.org/
- ***Nonprofit.*** **Multi-State Information Sharing and Analysis Center (MS-ISAC)** — MS-ISAC is a part of Center for Internet Security (CIS) and is a resource for government information sharing, early warnings and alerts, mitigation strategies, training, and exercises. https://www.cisecurity.org/ms-isac/
- ***Federal.*** **Department of Homeland Security (DHS), Cybersecurity and Infrastructure Security Agency (CISA)** — CISA has resources, which includes best practices and a toolkit for recognizing and addressing cybersecurity risks. There are resources to address four aspects of cybersecurity: Identify, Protect, Detect, and Respond. https://www.us-cert.gov/resources/sltt
- ***Federal.*** **Federal Bureau of Investigation (FBI) –** Investigates national security and criminal

Expect to see more guidance, from different agencies, outlining the same scope of work.



CIS Controls®
Version 8

CIS Control 2 – Applications - Inventory and Control of Software Assets
Actively manage (inventory, track, and correct) all software (operating systems and applications) on the network so that only authorized software is installed and can execute, and that unauthorized and unmanaged software is found and prevented from installation or execution.

1. We are utilizing the RIC (Regional Information Center) DPPS (Data Privacy and Security Service) tool to maintain our software inventory. DPPS Tool.

1. Technical Services oversees software installation. Compatibility and authorization is built into the workflow.
2. All software purchases must be approved through the Curriculum Committee and/or Mr. White's office, or for operations Mr. Devincenzi's office.

1. Unauthorized software would be removed by Technical Services.

CIS Controls®
Version 8

Work to be done:

- Still missing a few contracts from BOCES.
- Reconcile iPad apps, adding titles to software inventory if necessary. Waiting on clarification.
- Reconcile PTLW software titles.
- Create workflow practices, from IT to Clerical, for notification and reconciliation of software titles on a routine basis (Monthly).
- Add detail to existing inventory, recording versions deployment method, etc.

Content Name	Total Content	In Use
10 Frame Fill	4016	418
12 Huia Birds	424	22
ABC MAGIC PHONICS 2	516	418
ABC MAGIC PHONICS 2 Deluxe	16	16
ABCmouse.com	516	418
Amazon Kindle	5	1
Animal Puzzle For Toddlers	15	12
AssetCloud by Wasp	10	6
Avaz AAC - Lifetime Edition	1	1
Awesome Voice Recorder	10	1
Boardmaker Student Center	315	150
Book Creator for iPad	30	6
Book Creator One	516	418
BrainPOP	15	12
BrainPOP Jr. Movie of the Week	15	12
Breathe, Think, Do with Sesame	695	23
Calm	7	1
ChatterPix Kids	546	418
Cimo Spelling (Sight Words)	16	16
Claris FileMaker Go 19	10	5
ClassDojo	420	170
Clever	500	444
Clips	10	4
Coolmath Games: Fun Mini Games	15	12
Count Sort	316	316
Cricut Design Space	5	1
Dexcom Follow	10	2
Doceri Interactive Whiteboard	1530	52
Draw and Tell HD	516	357
Duck Duck Moose Reading HD	316	316
Duolingo - Language Lessons	515	446
Epic - Kids' Books & Reading	506	418
Expeditions	795	470
Fry Words Ninja - Reading Game	16	16

Multifactor/2FA rollout

** Microsoft has combined Self Service Password Reset and MFA registration. Technical Services will recreate tutorials.