614CON 2019 VILLAGES

GET YOUR LEARN ON!

LOCKPICK VILLAGE

THE LOCKPICK VILLAGE IS A HANDS-ON EXPERIENCE WHERE YOU'LL LEARN HOW TO EXPLOIT PHYSICAL SECURITY GAPS IN LOCKS. YOU'LL HAVE THE OPPORTUNITY TO PRACTICE ON LOCKS WITH VARIOUS LEVELS OF DIFFICULTY. BY UNDERSTANDING THE LOCKS AND THEIR ASSOCIATED FLAWS, ATTENDEES CAN BETTER SECURE THEIR PERSONAL PROPERTY AS WELL AS ANY OTHER PROPERTY THEY MAY BE RESPONSIBLE FOR. THE LOCKPICK VILLAGE IS ORGANIZED BY COLUMBUS LOCKSPORT WHICH IS A CHAPTER OF LOCKSPORT INTERNATIONAL. COLUMBUS LOCKSPORT MEETS MONTHLY AND CAN BE FOUND HERE:

HTTPS://MEETUP.COM/LI-COLUMBUS

HALL OF DOORS

THE HALL OF DOORS IS WHERE ATTENDEES CAN ATTEMPT TO DEFEAT VARIOUS LOCKING MECHANISMS AND DEVICES ATTACHED TO FULL SIZE DOORS. THE HALL WILL HAVE A CHALLENGE FOR EVERYONE FROM THE NOVICE TO THE SEASONED HACKER INCLUDING EVERYTHING FROM A STANDARD DEADBOLT ALL THE WAY TO COMPLEX MECHANISMS.

PURPLE TEAM VILLAGE

THE GOAL OF THE PURPLE TEAM VILLAGE IS TO UNDERSTAND ATTACK TECHNIQUES AND PERSPECTIVES FROM BOTH RED AND BLUE TEAM PERSPECTIVES. AS A RESULT OF THIS VILLAGE, YOU'LL STRENGTHEN YOUR KNOWLEDGE BY DEMONSTRATING HOW TO SET UP AND EXECUTE AN ATTACK FOLLOWED BY THE INVESTIGATION AFTER BEING ALERTED OF THE ATTACK WITHIN THE NETWORK. THESE EXERCISES WILL FEATURE REAL-WORLD SCENARIOS SUCH AS PASSWORD SPRAYING, PHISHING EMAILS, AND OTHER SITUATIONS THAT ORGANIZATIONS ARE MOST LIKELY TO ENCOUNTER.

PASSWORD CRACKING VILLAGE

- EXPLORE THE FUNDAMENTALS OF HASHCAT AND MDXFIND

- LEARN MORE ABOUT AND USE HASHCAT (WORDLIST, BRUTE-FORCE, COMBINATOR, MASKS, HYBRID MASK + DICTIONARY, RULES)

- OBTAIN HASHES FROM A VICTIM'S MACHINE

- IDENTIFY THE HASH TYPE

- CRACK THE HASH

SPEED MENTORING

ARE YOU NEW TO SECURITY AND LOOKING TO MEET WITH OTHER INFOSEC PROS? HAVE YOU BEEN POSITIVELY IMPACTED BY SOMEONE AND THINK ITS TIME TO PAY IT FORWARD? IF SO, WE'VE GOT JUST THE THING!

THE AIM OF SPEED MENTORING IS TO INTRODUCE MENTORS AND MENTEES BY ROTATING GROUPS OF POTENTIAL MENTEES WITH MENTORS, GIVING EACH PAIR AN OPPORTUNITY TO MEET AND PERHAPS FORM MENTORSHIPS. EACH MENTEE WILL HAVE APPROXIMATELY 7-10 MINUTES TO MEET WITH A MENTOR TO ASK QUESTIONS AND DISCUSS CAREER GOALS.

CAN'T THINK OF ANYTHING TO TALK ABOUT? WE'LL HAVE YOU COVERED WITH SUGGESTED TOPICS AND QUESTIONS TO GET THE MOST OUT OF YOUR TIME WITH EACH OTHER. IF YOU WANT TO CONTINUE AND FORM A MENTORSHIP, GREAT! IF NOT, THERE'S NO OBLIGATION.

SPEED MENTORING CONTINUED…

THIS IS AN HOUR-LONG VOLUNTEER-DRIVEN EVENT ON JUNE 13TH. IF YOU'RE INTERESTED IN SIGNING UP OR WOULD LIKE MORE INFORMATION, CONTACT TJ:

TJ.TOTERHI[AT]HTHACKERS.COM

MENTOR/MENTEE SIGNUPS WILL ALSO BE AVAILABLE AT THE CONFERENCE. WE LOOK FORWARD TO SEEING YOU THERE!

WIRELESS VILLAGE

INTERACT WITH AND DECODE PROPRIETARY WIRELESS COMMUNICATION PROTOCOLS THAT MAY BE SENT IN THE AIR ALL AROUND YOU! HERE, YOU'LL BE ABLE TO LEARN ABOUT SOFTWARE DEFINED RADIO (SDR) AND HOW TO LEVERAGE ITS CAPABILITIES TO LISTEN TO INFORMATION THAT IS SENT ACROSS A PART OF THE RADIO SPECTRUM. COMBINING THIS WITH THE OPEN SOURCE POWER OF GNURADIO, YOU WILL BE ABLE TO PICK OUT AND DECODE PROPRIETARY LORA SIGNALS IN THE AIR THAT MAY BE TRANSMITTED ACROSS THE CONFERENCE. WHAT MYSTERIES AND SECRETS ARE HIDING BENEATH THE VEIL OF RADIO? STOP BY THIS VILLAGE TO FIND OUT.

HARDWARE VILLAGE

JOIN US IN THE EMBEDDED HARDWARE VILLAGES FOR HANDS ON LEARNING OPPORTUNITIES USING LOGICS ANALYSES, JTAGULATORS AND SHIKRA DEVICES TO TEST AND EXAMINE EMBEDDED HARDWARE. IN THE VILLAGE WE WILL HAVE A NUMBER OF DIFFERENT IOT TECHNOLOGY DEVICES AVAILABLE SUCH AS HOME LIGHTING DEVICES, IP CAMERAS, MESH WI-FI, NETWORK APPLIANCES AND WEMO DEVICES. MAKE SURE TO COME BY AND HAVE SOME FUN!

OS VILLAGE

WANT TO SEE HOW FAR YOU CAN PUSH AN OS? COME ON DOWN TO THE OS VILLAGE WHERE WE WILL BE SHARING IMAGES OF DIFFERENT OPERATING SYSTEMS AND GIVE YOU A SET OF LABS WE'VE PUT TOGETHER! THIS SELF-GUIDED SET OF WORK IS FOR INFOSEC PROFESSIONALS OF ALL SKILL LEVELS. THE MATERIAL WILL SHOW YOU HOW TO RUN THE VARIOUS SCRIPTS AND CONFIGURATION OPTIONS. HACKERS WILL BE TEACHING OTHER HACKERS HOW TO SET UP THEIR NEW SYSTEM OR CREATE THEIR OWN WITH SOME OF THE TOOLS WE'VE PICKED OUT.