

ICScape - NETWORK DISCOVERY

The space station Asteroid Covenant has sent out a distress signal stating they have experienced a loss of its critical life support control systems. The life support systems (i.e., oxygen and HVAC systems) have failed and there is only 60 minutes of air remaining before the demise of the crew.

CISA and Idaho National Laboratory invite you to be a part of the adventure. This escape room contains a series of traditional escape room puzzles mixed with cybersecurity elements that utilize passive and active network discovery tools and techniques. Can you find your way onto the systems and figure out how to restore the life support systems before time runs out?

ICScape – Solar, Wind, & Fire

Acme Energy Corporation is currently a victim of a cyber-attack. Their attackers have shut down Acme's industrial control systems leaving their facilities inoperable. Acme's assets include ONG / LNG, and renewables such as solar and wind farms that work alongside their more traditional components of power generation. Acme's power grid, ONG and LNG services are all offline, crippling the region without these critical services. Thousands of people are without power and heat. We are determining attribution, but in the meantime, Acme has asked for your help. Will you be able to identify and contain cyber threats while restoring functionality to Acme's industrial operations?

CISA and Idaho National Laboratory invite you to be a part of the adventure. This escape room contains a series of traditional escape room puzzles mixed with cybersecurity elements. Participant's skills will be challenged with cybersecurity puzzles involving wireless technologies, RFID, network discovery, industrial control systems, Arduino backed puzzles, mixed reality puzzles, and more. With a mix of traditional escape room puzzles there is enough for everyone to do, regardless of the level of their cyber skills. Come have fun while learning more about ICS cybersecurity with CISA and Idaho National Laboratory.

ICScape - Insider Threat ("What about Bob")

A disgruntled employee, Bob, has been plotting to bring down the company where he works. In retaliation for his perceived mis-treatment, Bob has created an electromagnetic pulse device (EMP) to take out sensitive industrial control systems in the area. A locked EMP has been recovered and Bob has been taken into custody but isn't talking. The EMP device has been armed and the clock is ticking. CISA needs your help in protecting our critical infrastructure. As a cybersecurity professional you will work with CISA to investigate Bob's office, find clues based on what he has been doing, and disarm the EMP before it is too late.

CISA and Idaho National Laboratory invite you to be a part of the adventure. This escape room contains a series of traditional escape room puzzles mixed with cybersecurity elements. Participant's skills will be challenged with cybersecurity puzzles involving wireless technologies, OSINT, database exploitation, network discovery, industrial control systems, cryptography, Arduino backed puzzles, and more. With the mix of traditional escape room puzzles, there is enough to do for everyone regardless of the level of their cyber skills. Come have fun while learning more about cybersecurity with CISA and Idaho National Laboratory.

ICScape Pandemonium

Employees of Acme International Incorporated have found out that Crapi Plastics Incorporated has made an unexpected offer to acquire Acme. There has been a hostile takeover, and the employees were disgruntled at the loss of employment. They have hidden the PLC equipment, scrambled the Ladder Logic and HMI display, shut off power to the control system, and made general pandemonium as they left.

Your team has been hired to find the PLC equipment, locate, and install the correct Ladder Logic and HMI display, turn on power to the control system and validate production capability.

Good hunting.

ICScape Trapped!

Borrowing from the Jurassic Park scenario, a disgruntled employee has turned off the protective barrier keeping the dangers of the jungle (i.e., dinosaurs) outside. With little time to restore service, it becomes apparent that we can't get the protective barrier back online. We must evacuate! Then, we discover the extent of the damage, including: deleted ladder logic, misconfigured networks, missing passwords, and more - making it difficult to reprogram the automation system that can let us out.

CISA and Idaho National Laboratory invite you to be a part of the adventure. This escape room contains a series of traditional escape room puzzles mixed with cybersecurity elements that utilize passive and active discovery, network forensics, industrial control systems, ladder logic, mixed reality puzzles, and both network and firewall configuration. There is enough for everyone to do, regardless of skill level. Come learn more about the convergence of IT and ICS cybersecurity with CISA and the INL.

ICScape – Blackstart

It's the coldest and stormiest night of the year. The roads are closed. No one is around except you and your team. Then the unexpected happened. An adversary hacked into your electric utility, installed a Remote Access Trojan (RAT) and shut off all the power to your customers while you watched the lights go out, disbelieving and helpless.

Your assignment is to regain control of your systems and turn the power back on before everything freezes solid.

What are you waiting for? The clock is ticking...

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