R/V Sikuliaq
Cybersecurity Awareness Training

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R/V Sikuliaq

College of Fisheries
and Ocean Sciences

https://www.sikuliaq.alaska.edu

Intents and Purposes

This presentation has been prepared to help all responsible persons who use Sikuliaq cyber resources (computers, network services, data sets, etc.) understand their roles and responsibilities to help protect Sikuliaq's digital assets from malicious actors. This training is targeted for:

- Crew
- Science Parties
- Contractor /Vendors
- Shore Side Support Staff
- Anyone who accesses Sikuliaq's network resources

Cybersecurity is a complex topic. There are no one size fits all silver bullet solutions that make Sikuliaq 100% secure. However there are many best practices that we can do which together help reduce our overall cyber risk exposure. This short presentation addresses some of the more common easy thing you can do to help make Sikuliaq more secure.

Acceptable Use Policies

When registering for a Sikuliaq Account you agreed to follow Sikuliaq's Terms of Service and Acceptable Use policy. Please read those documents which apply to you, they were created for a reason.

For all University of Alaska employees and visitors

- University of Alaska - Acceptable Use of Online Resources policy
  - https://alaska.edu/oit/files/OnlineResources.pdf
- U.S. Academic Research Fleet Internet Use Policy
  - https://satnag.unols.org/doku.php?id=public:internet_use_policy

For all UAF Faculty, Staff, Student and visitors as appropriate

- University of Alaska - IT Policies & Security Standards
  - https://alaska.edu//oit/policies-standards/index.php

Cybersecurity Incident Reporting

Please report all cybersecurity incidents that you are aware of via email to:

- uaf-skq-science-support@alaska.edu

Cybersecurity incidents include:

- Malware / Virus Infections
- Ransomware Attacks
- Phishing Attempts
- Unpatched / out of date software

Please include in your email:

- Subject: **Sikuliaq Cyber Incident Report**
- Date and time of the incident
- Your contact information
- Identify impacted devices
  - IP and MAC addresses if you know them
- A paragraph summary of the incident

Sikuliaq Cybersecurity Contacts

Sikuliaq IT Manager

- John Haverlack (jehaverlack@alaska.edu)

UAF Cyber Information Security Officer

- Sean Hagan (snhagan@alaska.edu)

Sikuliaq Science Support

- uaf-skq-science-support@alaska.edu

UAF Cybersecurity Team

- ua-oit-security@alaska.edu

DO NOT

- attempt to stop an active cyber attack without being directed by a authorized cybersecurity official.

System Updates

One of the most impactful things you can do to protect your devices from cyber attacks is to keep them patched and updated.

- Be sure to update your computer, tablet, cell phones and other networked devices **before** you join them to Sikuliaq’s vessel network.
- Perform your system updates while you are on shore and have fast Internet access.
- Sikuliaq has limited Internet access while at sea and in port. You will not be able download system updates from Sikuliaq’s network.
- **Never** place an end of life device on Sikuliaq Networks. If the vendor no longer supports your device or software, neither do we.

Phishing /Social Engineering

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DO NOT BRIDGE NETWORKS

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USB Drives

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Administrative Access

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Do not Share Accounts

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