



## File Permissions and Network Tools

Module 5

**Module Duration:** 1 Hour

### Module Objectives:

1. Learn how passwords are stored with hash functions and hash values
2. Understand the importance of a strong password
3. Learn how to create new users in your VMs
4. Discover what file permissions are and how they operate
5. Gain networks tools to use in ISEAGE

### Module Lesson

Component	Title	Purpose
1. <a href="#">Slideshow</a> (20 minutes)	File Permissions and Network Tools	Learn about user, network tools, and how to keep your accounts secure.
3. <a href="#">Activity 1</a> (20 minutes)	User Privileges	You're Hired!!!



---

2. <a href="#">Activity 2</a> (20 minutes)	The Hacker's Toolkit	In the shoes of the hacker
---	----------------------	----------------------------

---

4. <a href="#">Check Your Knowledge!</a> (5-10 minutes)	Module 5 Check your Knowledge!	Review of keys terms and information
--	--------------------------------	--------------------------------------

---

Note: All activities designed for this module are hands-on. The speed at which the activities can be completed will vary. Each module should approximately take one club or class time to complete.

### Additional Resources:

- Password Information
  - [Lesson 11: Creating Strong Passwords](#)
  - [Lesson 10: Common Password Threats](#)
  - [Lesson 9: Passwords and Hash Functions](#)
  - [Lesson 12: Managing Passwords](#)
- [VMware Glossary](#)