Secure Configuration Review

Grades 7-8 | Lesson | 60 minutes

Before class: Prepare an invented configuration sheet using the six example issues in the plan; add risk-ranking cards and a recommendation template.

Time: 60 minutes Outcome: Learners will identify and prioritize security weaknesses in a sanitized configuration excerpt.

Materials

- Fictional configuration sheet
- Risk-ranking cards
- Recommendation template

Safety and Privacy

No live system access is required. The configuration is invented and contains no operational target information.

Activity

The fictional configuration includes:

- Shared administrator account
- Unused account still active
- Logging disabled for account changes
- Overly broad access rule
- Unprotected backup share
- Missing owner and review date

Teams identify evidence, risk, recommendation, operational consequence, test, and rollback for each issue.

Assessment

Use accuracy, prioritization, consideration of operational impact, and verification plan.

Debrief

- Why can a technically stronger setting still create operational risk?
- What should happen before a configuration is changed?
- Which finding should be addressed first, and what evidence supports that decision?

Source and use

The Complete Cybersecurity Educator, Dr. Jason Edwards. Editable companion - Lesson 3.3 - Secure Configuration Review.

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