

② Policies (Unit 4)

①

What are the policies & what are purpose of policies?

Purpose

Provide a framework for the management of Security across the enterprise.

Definition →

Policies

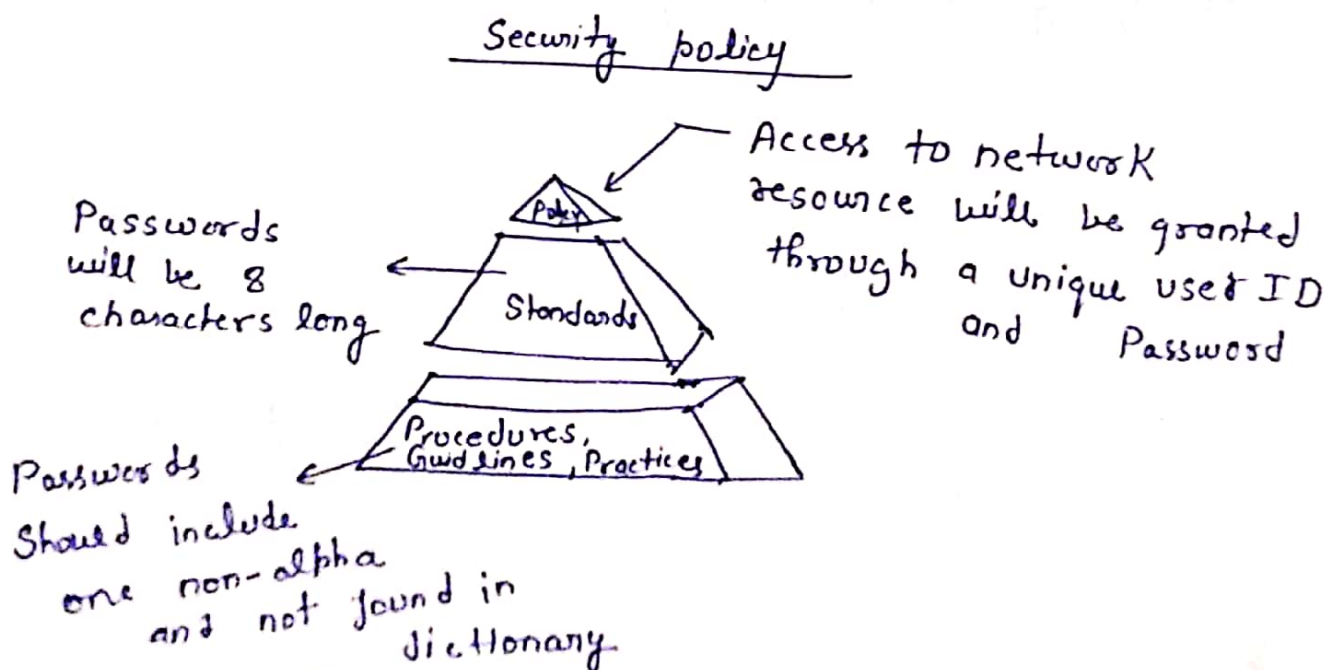
High level statements that provide guidance to workers who must make present & future decision.

Standards

Requirement statements that provide specific technical specifications.

Guidelines

Optional but recommended specifications.



Elements of Policies

- 1) Set a the tone of Management
- 2) Establish roles and responsibility
- 3) Define asset classifications
- 4) Provide direction for decisions
- 5) Establish the scope of authority
- 6) Provide a basis for guidelines & procedures
- 7) Establish accountability
- 8) Describe appropriate use of assets
- 9) Establish relationship to legal requirements.

Policies should clearly identify and define the information security goals & the goals of the university.

Two Step approach 1

8) Monitor for Compliance

- Management is responsible for establishing and
- Management should REGULARLY review the status of controls.
- Enforce "User contracts."
- Establish an internal review process

10

Modify the policy. Policies must be modified due to:

- New Technology
- New threats
- New or changed organizational changes
- changes in the law

Monitors for compliance

Evaluate Policy Effectiveness.

Users aware of the expected behavior

- ① Teaches users how & when to secure information
- ② Reduces losses & theft
- ③ Reduces the need for enforcement

Awareness and training.

Implement policies & standards.

Develop information security policies, standards & guidelines

Establish a basis for compliance, risk assessment, & audit of information security.

- 3) Create a Policy Review Board
 - The policy Development Process
 - Write the initial "Draft"
 - Send to the Review Board for comments
 - Incorporate comments
 - Resolve Issues face to face
 - Submit "Draft" Policy to cabinet for approval

- 2) Perform Risk Assessment
 - ⇒ Justify the Policies with Risk Assessment
 - Identify the critical function
 - " " " " Processes
 - " " " " Data
 - Assess the vulnerabilities.

- 1) Collect Background information.
 - Obtain existing policies
 - Identify what level of control needed
 - Identify who should write the policies.