



# Distributed File Systems

Group A5

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# Outline

- What is a DFS
- Requirements of a DFS
- Sun Network File System
  - History
  - Architecture
  - Protocols
  - Implementation

# Basics

- File: named collection of logically related data
  - Unix file: an uninterpreted sequence of bytes
- File system:
  - Provides a logical view of data and storage functions
  - User-friendly interface
  - Provides facility to create, modify, organize, and delete files
  - Provides sharing among users in a controlled manner
  - Provides protection