

File & Directory Operations

Iteration: **v1.0**

Artifact Type: *Operational Capability Record*

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Intent

Demonstrate survival-level file and directory manipulation on a remote Linux server.
Ability to create, move, copy, inspect, and delete files using SSH only.

Operational Scope

- Remote access via `ssh`
 - File creation using `touch`
 - Directory creation using `mkdir`
 - File copying using `cp`
 - File moving and renaming using `mv`
 - File deletion using `rm`
 - File inspection using `ls -l`, `file`, and `stat`
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Capability Statement

I can:

- Create and organize files and directories for applications
 - Move and copy files between directories without data loss
 - Inspect file type and metadata before acting
 - Clean up files safely on a running Linux system
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Boundaries

- No permission or ownership changes performed
- No system configuration modified
- Operations limited to user-level files and directories

Validation Method

- Live remote SSH session
 - Screen-recorded demo
 - Command execution shown without cuts
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Evidence / Artifacts

- [Practical Demonstration](#) - Video walkthrough of file and directory operations on a remote Linux host.
 - [Worklog](#) - Detailed tracking of progress, iterations, and version history.
 - [Blog](#) - A detailed blog post about Linux file and directory operations for DevOps.
 - [Trello](#) - Trello board tracking the workcard and milestones.
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Appendix A — Command List

- `ssh`
 - `touch`
 - `mkdir`
 - `cp`
 - `mv`
 - `rm`
 - `ls -l`
 - `file`
 - `stat`
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