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Submit #784463: griptape v0.19.4 Absolute Path Traversal

Title griptape v0.19.4 Absolute Path Traversal

Description The `FileManagerTool` (backed by `LocalFileManagerDriver`) in Griptape provides capabilities to list, read, and write files. However, it fails to properly sanitize file paths provided by the LLM. It directly concatenates the llm-supplied path with the working directory.

This allows for a path traversal vulnerability. An attacker can use prompt injection to coerce the LLM into providing paths containing `../` sequences. This enables the agent to:

1. **Read arbitrary files** (e.g., `/etc/passwd`) via `load_files_from_disk`.
2. **List arbitrary directories** via `list_files_from_disk`.
3. **Write to arbitrary files** via `save_content_to_file` or `save_memory_artifacts_to_disk`.

Source https://github.com/Ka7arotto/cve/blob/main/griptape/issue_fileManagerTool/issue.md

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Status Accepted

VulDB entry 355389 [griptape-ai griptape 0.19.4 FileManagerTool path traversal]

Points 20

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