

Capítulo 1

Task 08: Read-only Pages

1.1 Task Description

Enable kernel-mode protection and make a page read-only. This involves modifying control registers and observing the behavior when attempting to write to a read-only page.

1.2 Planned Implementation

1. Enable kernel-mode protection by setting the 16th bit in the `cr0` control register.
2. Modify the page table entry for a specific page to mark it as read-only.
3. Attempt to write to the read-only page and observe the behavior (e.g., a page fault should occur).
4. Ensure the page fault handler is invoked and logs the appropriate message.

1.3 Expected Outcome

- The page is successfully marked as read-only.
- Any write attempt to the page triggers a page fault.
- The page fault handler logs the fault details.

1.4 Implementation Details

(To be filled after implementation)

1.5 Challenges

(To be filled after implementation)

1.6 Final Outcome

(To be filled after implementation)