11. A natural gas company's help desk receives reports from employees that the company's website is intermittently crashing when they try to log in. The cybersecurity analyst reviews the server's access logs and finds the following entries.

```
[22/Oct/2025:10:11:02] "GET /index.html HTTP/1.1" 200 4521
[22/Oct/2025:10:11:07] "GET /about.html HTTP/1.1" 200 3890
[22/Oct/2025:10:11:10] "GET ../../../../etc/passwd HTTP/1.1" 403 721
[22/Oct/2025:10:11:12] "GET ../../../../etc/shadow HTTP/1.1" 403 654
```

Which of the following application attacks is indicated in the log file?

(A) Buffer overflow attack

(B) Cross site scripting attack

(C) Directory traversal attack

(D) SQL injection attack