

Denial of Service: read time-outs



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ABSTRACT

An attacker could cause the program to crash or otherwise become unavailable to legitimate users.

EXPLANATION

The **read** command is susceptible to application Denial of Service (DoS) when time-outs are used if an excessively small time-out value is specified because it does not allow the user time to respond.

Example 1: The following code will iterate until the **quit** is executed, waiting only one second for the user to enter their name and a carriage return.

```
for read "ENTER NAME ",name:1 if $test quit
```

REFERENCES

1. Standards Mapping - Common Weakness Enumeration - (CWE) *CWE ID 730*
2. K. O'Cane. *The MUMPS Programming Language*