

Denial of Service



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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) because it reads until the end of line characters are reached. If the provided input stream does not contain end of line characters, the command will continue reading until space is exhausted.

Example 1: The following code reads one line from stdin or whatever device is the current input object and assigns it to the variable listed.

```
read a
```

REFERENCES

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