

[UNIX] Veritas NetBackup TIME_STAMP DoS

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Veritas NetBackup TIME_STAMP DoS

SUMMARY

" <<http://www.veritas.com/>> VERITAS NetBackup Server software is a cost-effective heterogeneous backup and recovery solution designed for mid-size organizations, workgroups, and remote offices."

VERITAS NetBackup's <<http://www.ndmp.org/info/faq.shtml>> NDMP Server vulnerable to denial of service via its handling of the TIME_STAMP variable.

DETAILS

Vulnerable Systems:

* NetBackup version 5.1

NetBackup runs a <<http://www.ndmp.org/info/faq.shtml>> NDMP server that listens on port 10000/TCP. It is possible to cause an access violation by sending a 'CONFIG' message request to the NDMP server with a timestamp in the ndmpheader that is out of range:

```
enum ndmp_message_type
```

```
{  
    NDMP_REQUEST  
};
```

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```
struct ndmp_header
{
  u_long sequence; (local counter that starts at 1 and increases by 1 for
every message sent)
  u_long time_stamp; (in seconds since 00:00:00 GMT, Jan 1, 1970)
  ndmp_message_type message_type; (request or reply message)
  ndmp_message message; (tape data config etc)
  u_long reply_sequence; (number from the request message to which the
reply is associated)
  ndmp_error error; (verbose)
};
```

ADDITIONAL INFORMATION

The original article can be found at:
<<http://www.hat-squad.com/en/000170.html>>
<http://www.hat-squad.com/en/000170.html>

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