



Log file rotation settings

Snapdrive for Unix

Ivana Devine
January 21, 2021

Table of Contents

Log file rotation settings 1

Log file rotation settings

The values you specify for the variable in the `snapdrive.conf` file affect the log file rotation.

The values you specify in the `snapdrive.conf` file enable automatic log file rotations. You can change these values, if necessary, by editing the `snapdrive.conf` variables. The following options affect log file rotation:

- `audit-log-max-size`
- `audit-log-save`
- `trace-max-size`
- `trace-log-max-save`
- `recovery-log-save`

With automatic log rotation, SnapDrive for UNIX keeps old log files until it reaches the limit specified in the `audit-log-save`, `trace-log-save`, and `recovery-log-save` variable. Then it deletes the oldest log file.

SnapDrive for UNIX tracks which file is oldest by assigning the file the number "0" when it creates the file. Each time it creates a new file, it increments by 1 the number assigned to each of the existing log files. When a log file's number reaches the save value, SnapDrive for UNIX deletes that file.

Example: This example uses the `ls` command to display information about the log files on the system.

Based on those settings, you would see the following information in log files.

```
# ls -l /var/log/sd*
-rw-r--r-- 1 root other 12247 Mar 13 13:09 /var/log/sd-audit.log
-rw-r--r-- 1 root other 20489 Mar 12 16:57 /var/log/sd-audit.log.0
-rw-r--r-- 1 root other 20536 Mar 12 03:13 /var/log/sd-audit.log.1
-rw-r--r-- 1 root other 3250 Mar 12 18:38 /var/log/sd-recovery.log.1
-rw-r--r-- 1 root other 6250 Mar 12 18:36 /var/log/sd-recovery.log.2
-rw-r--r-- 1 root other 6238 Mar 12 18:33 /var/log/sd-recovery.log.3
-rw-r--r-- 1 root other 191704 Mar 13 13:09 /var/log/sd-trace.log
-rw-r--r-- 1 root other 227929 Mar 12 16:57 /var/log/sd-trace.log.0
-rw-r--r-- 1 root other 213970 Mar 12 15:14 /var/log/sd-trace.log.1
-rw-r--r-- 1 root other 261697 Mar 12 14:16 /var/log/sd-trace.log.2
-rw-r--r-- 1 root other 232904 Mar 12 14:15 /var/log/sd-trace.log.3
-rw-r--r-- 1 root other 206905 Mar 12 14:14 /var/log/sd-trace.log.4
```

Copyright Information

Copyright © 2021 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system- without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.