



xinetd events

ONTAP EMS reference

NetApp
November 20, 2025

Table of Contents

- xinetd events 1
 - xinetd.hit events 1
 - xinetd.hit.cps.limit 1
 - xinetd.hit.instances.limit 1
 - xinetd.hit.per.source.limit 2

xinetd events

xinetd.hit events

xinetd.hit.cps.limit

Severity

ERROR

Description

This message occurs when the rate of incoming network connections for a service exceeds the maximum allowed rate. The service is temporarily suspended and restarted after a configured wait time. Many such connection attempts can potentially disallow other users from logging in to the storage system, causing a Denial of Service (DOS) attack.

Corrective Action

Reduce the rate at which the network connections are issued.

Syslog Message

Number of incoming network connections exceeded the configured limit of %d connections per second for the service %s. This service will be stopped and restarted after %d seconds.

Parameters

connections (INT): Maximum number of network connections allowed to access the service per second.

service (STRING): Service invoked by xinetd.

seconds (INT): Number of seconds xinetd must wait before reenabling the service.

xinetd.hit.instances.limit

Severity

ERROR

Description

This message occurs when the maximum number of SSH or Telnet requests that can be fulfilled simultaneously is reached. After the limit is reached, no new SSH or Telnet requests are accepted.

Corrective Action

Reduce the number of SSH or Telnet connections attempted simultaneously. The storage administrator can monitor and terminate excessive sessions, if necessary, using the security session "kill-cli" command.

Syslog Message

Maximum number of simultaneous incoming network connections exceeded the configured limit of %d connections for the service %s.

Parameters

instances (INT): Maximum number of SSH or Telnet requests that can be fulfilled simultaneously.

service (STRING): Service invoked by xinetd daemon.

xinetd.hit.per.source.limit

Severity

ERROR

Description

This message occurs when the maximum number of incoming network connections per source IP address for a service is reached. New connection requests from this source IP address for the service are rejected until the existing connections are terminated. Many such connection attempts could potentially disallow other users from logging in to the storage system, causing a Denial of Service (DOS) attack.

Corrective Action

If the remote host is retrying the network connection repeatedly, block the remote host by adding its IP address to the deny list using the "firewall policy" command.

Syslog Message

Maximum number of network connections of %d received from the remote host %s for the service %s.

Parameters

limit (INT): Maximum number of network connections for a service per source IP address.

ipaddress (STRING): IP address of the remote host that triggered maximum number of network connections of a service.

service (STRING): Service invoked by xinetd.

Copyright information

Copyright © 2025 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.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

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.