



## **tcp events**

### **ONTAP 9.14.1 EMS reference**

NetApp  
February 12, 2024

# Table of Contents

- tcp events ..... 1
- tcp.cc events ..... 1
- tcp.change events ..... 1

# tcp events

## tcp.cc events

### tcp.cc.NewRenoInUpgrade

**Severity**

ERROR

**Description**

This message occurs when the system is configured to use the TCP NewReno congestion control algorithm. The TCP CUBIC algorithm is the recommended algorithm.

**Corrective Action**

The TCP NewReno congestion control algorithm is selected for the Default IPspace in 9.8 based on the system's previous configuration. Confirm that TCP NewReno is the desired algorithm. NetApp recommends the CUBIC TCP congestion control algorithm in most cases. Use the "network options congestion-control modify" command to change the congestion control algorithm.

**Syslog Message**

The system is configured to use the NewReno congestion control algorithm, which is not recommended.

**Parameters**

(None).

## tcp.change events

### tcp.change.cc.algorithm

**Severity**

ERROR

**Description**

This message occurs when an attempt to change the TCP congestion control algorithm fails.

**Corrective Action**

Check the node health, address any issues found, and then try the command again.

**Syslog Message**

An error (out of memory) occurred while changing the TCP congestion control algorithm of existing connection(s) to %s. The NewReno (RFC6582) will be used as the congestion control algorithm for those connections.

**Parameters**

**cc\_algo** (STRING): Name of the congestion control algorithm to which the change was attempted.

## Copyright information

Copyright © 2024 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.