



fm events

ONTAP EMS reference

NetApp
November 20, 2025

Table of Contents

- fm events 1
- fm.cpuutilduringarl events 1
- fm.cpuUtilDuringARL 1
- fm.cpuutilduringtransition events 1
- fm.cpuUtilDuringTransition 1
- fm.overrideMbxUncertain events 2
- fm.overrideMbxUncertain 2

fm events

fm.cpuutilduringarl events

fm.cpuUtilDuringARL

Deprecated

Deprecated as of version 9.0.

Severity

NOTICE

Description

This message occurs at the start of an aggregate relocation (ARL) and at the completion of an ARL. It records the maximum, minimum, and average CPU and disk utilization on the node executing the ARL.

Corrective Action

(None).

Syslog Message

CPU and disk utilization during the %d seconds %s: cpu_util_high: %lld; cpu_util_low: %lld; cpu_util_avg: %lld; disk_util_high: %lld; disk_util_low: %lld; disk_util_avg: %lld

Parameters

window_sz (INT): Duration, in seconds, over which CPU and disk utilization are tracked.
when (STRING): Event during which CPU and disk utilization are tracked.
cpu_util_high (LONGINT): Maximum CPU utilization.
cpu_util_low (LONGINT): Minimum CPU utilization.
cpu_util_avg (LONGINT): Average CPU utilization.
disk_util_high (LONGINT): Maximum disk utilization.
disk_util_low (LONGINT): Minimum disk utilization.
disk_util_avg (LONGINT): Average disk utilization.

fm.cpuutilduringtransition events

fm.cpuUtilDuringTransition

Severity

NOTICE

Description

This message occurs during various failover and aggregate mobility events, including start of a takeover, end of a successful takeover, start of a CFO giveback, after completion of SFO giveback and completion of an aggregate relocation. This message records the maximum, minimum, and average CPU and disk utilization on the node executing the failover or aggregate mobility operation.

Corrective Action

(None).

Syslog Message

CPU and disk utilization during the %d seconds %s: cpu_util_high: %lld; cpu_util_low: %lld; cpu_util_avg: %lld; disk_util_high: %lld; disk_util_low: %lld; disk_util_avg: %lld

Parameters

window_sz (INT): Duration, in seconds, over which CPU and disk utilization are tracked.

when (STRING): Event during which CPU and disk utilization are tracked.

cpu_util_high (LONGINT): Maximum CPU utilization.

cpu_util_low (LONGINT): Minimum CPU utilization.

cpu_util_avg (LONGINT): Average CPU utilization.

disk_util_high (LONGINT): Maximum disk utilization.

disk_util_low (LONGINT): Minimum disk utilization.

disk_util_avg (LONGINT): Average disk utilization.

fm.overrideMbxUncertain events

fm.overrideMbxUncertain

Severity

NOTICE

Description

This message occurs when the user has chosen to override a mailbox uncertain state using the CTRL_O option. The node could have gotten into the mailbox uncertain state if, while booting up, it finds that one or more disks are missing and it does not have the requisite number of mailbox disks to boot up. If the override was successful, at least half of the online disks were also present in the mailbox hints bootarg and the node will boot up. If the override was unsuccessful, the node continues to remain in an uncertain mailbox state and will not boot up completely.

Corrective Action

(None).

Syslog Message

HA mailbox uncertain state overridden.

Parameters

(None).

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.