



aggr events

ONTAP 9.15.1 EMS reference

NetApp
June 10, 2024

Table of Contents

- aggr events 1
- aggr.full events 1
- aggr.grow events 1
- aggr.inconsistent events 1
- aggr.max events 2
- aggr.provisioning events 2
- aggr.relocation events 3
- aggr.resize events 3
- aggr.wafiron events 5

aggr events

aggr.full events

aggr.full

Severity

ALERT

Description

This message occurs when an aggregate is full.

Corrective Action

Ensure that all containers in the pod are online and healthy. Check if the REST server is up and responding.

Syslog Message

Aggregate "%s" is full.

Parameters

aggr_name (STRING): Name of the aggregate.

aggr.grow events

aggr.grow.completed

Severity

NOTICE

Description

This message occurs when request to grow an aggregate is completed successfully. The request to grow the aggregate could be DMAP-triggered or SDE-triggered.

Corrective Action

(None).

Syslog Message

Request to grow aggregate "%s" is complete. Old size: %lu, new size: %lu, old state: %d, new state: %d.

Parameters

aggr_name (STRING): Name of the aggregate.

old_size (LONGINT): Size of the aggregate before it is grown.

new_size (LONGINT): Size of the aggregate after it is grown.

previous_state (INT): State of the aggregate before it is grown.

current_state (INT): State of the aggregate after it is grown.

aggr.inconsistent events

aggr.inconsistent.modify

Severity

INFORMATIONAL

Description

This message occurs when the 'aggr inconsistent' command is used to modify a state of an aggregate.

Corrective Action

(None).

Syslog Message

Aggregate %s: 'aggr inconsistent' command used to change inconsistent state to '%s'.

Parameters

aggr (STRING): Name of the aggregate.

state (STRING): State of the action: "set" or "clear".

aggr.max events

aggr.max.size.increased

Severity

INFORMATIONAL

Description

This message occurs as a reminder that the maximum aggregate size limit is increased from the default value defined in the Platform Specific Module (PSM) table.

Corrective Action

(None).

Syslog Message

Maximum aggregate size limit is increased from %ld TB to %ld TB.

Parameters

old_limit (LONGINT): Original aggregate size limit as defined in the PSM table.

new_limit (LONGINT): New maximum aggregate size limit.

aggr.provisioning events

aggr.provisioning.unassigned.detected

Severity

NOTICE

Description

This message is issued when the aggregate provisioning recommendation generated for the cluster is found to be incomplete due to the presence of unassigned disks. Any spare disks that are not owned by a node in the cluster cannot contribute to the usable capacity of new aggregates.

Corrective Action

Use the following steps to resolve the issue: - Run 'storage disk show -container-type unassigned' to list all the unassigned disks in the cluster. To assign all unassigned disks, run 'storage disk assign -auto true -node [node-name]'. - If there are still unassigned disks in the cluster, refer to the Storage Management Guide for manual disk assignment best practices. - For further information or assistance, contact NetApp technical support.

Syslog Message

The generated aggr provisioning recommendation might be incomplete because of the following reason: %s

Parameters

details (STRING): Details of the number of unassigned disks visible to a given node

source (STRING): The source that generated this warning.

aggr.relocation events

aggr.relocation.failed

Severity

ERROR

Description

This message occurs when relocation of an aggregate fails.

Corrective Action

Refer to other generated error messages to identify the exact cause of failure and the corrective action.

Syslog Message

Relocation of aggregate %s failed by node %s because %s.

Parameters

aggr (STRING): Name of the aggregate that was not relocated.

node (STRING): Name of the node that failed the relocation.

msg (STRING): Error that prevented relocation.

aggr.resize events

aggr.resize.request.sent

Severity

NOTICE

Description

This message occurs when a request to resize an aggregate is sent to the REST server as part of the storage thin provisioning feature in Quark.

Corrective Action

(None).

Syslog Message

Triggering resizing of aggregate for %s. Current size: %lu, new size: %lu.

Parameters

aggr_name (STRING): Name of the aggregate.

current_size (LONGINT): Current size of the aggregate.

new_size (LONGINT): New size of the aggregate after being resized.

aggr.resize.response.failure

Severity

ALERT

Description

This message occurs when the REST server returns an error for a request to resize an aggregate.

Corrective Action

Ensure that all containers in the pod are online and healthy. Check if the REST server is up and responding.

Syslog Message

Server returned error: %d for the resizing request. Aggregate: %s, current size: %lu, new size: %lu".

Parameters

error (INT): Error returned from REST server.

aggr_name (STRING): Name of the aggregate.

current_size (LONGINT): Current size of the aggregate.

new_size (LONGINT): New size of the aggregate after being resized.

aggr.resize.response.success

Severity

NOTICE

Description

This message occurs when the REST server returns "success" as a response to the request to resize an aggregate.

Corrective Action

(None).

Syslog Message

Server returned "success" as a response to a resizing request. Aggregate: %s, current size: %lu, new size: %lu.

Parameters

aggr_name (STRING): Name of the aggregate.

current_size (LONGINT): Current size of the aggregate.

new_size (LONGINT): New size of the aggregate after being resized.

aggr.wafliron events

aggr.wafliron.attemptStart

Severity

INFORMATIONAL

Description

This message occurs when wafliron is started. A later message indicates the success or failure of wafliron.

Corrective Action

(None).

Syslog Message

(None).

Parameters

volname (STRING): Volume name.

arguments (STRING): Arguments supplied to wafliron on the command line.

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.