



s3 events

ONTAP EMS reference

NetApp
November 19, 2025

Table of Contents

- s3 events 1
 - s3.bucket events 1
 - s3.bucket.invalid.accessKey 1
 - s3.bucket.notFound 1
 - s3.bucket.signatureMismatch. 1
 - s3.schedsnap events 2
 - s3.schedSnap.create.fail 2
 - s3.schedSnap.limit.del.fail 3

s3 events

s3.bucket events

s3.bucket.invalid.accessKey

Severity

ERROR

Description

This message occurs when the access key is invalid and it has been used to access the S3 bucket/object.

Corrective Action

Verify that the access key is valid and it has been configured correctly before accessing the bucket/object.

Syslog Message

S3 %s operation failed while accessing bucket "%s" on S3 server %s because access key "%s" is invalid.

Parameters

operation (STRING): S3 request name.
bucket (STRING): Name of the S3 bucket.
serverHostname (STRING): Hostname of the S3 server.
accessKey (STRING): Access key.

s3.bucket.notFound

Deprecated

This event is renamed to "osc.bucket.notFound"

Severity

ERROR

Description

This message occurs when the bucket is not found while trying to access an S3 object.

Corrective Action

Verify that the bucket has been created on the S3 server and the bucket name has been correctly configured in ONTAP before accessing the bucket.

Syslog Message

Bucket "%s" not found on S3 server %s when performing %s operation.

Parameters

bucket (STRING): Name of the S3 bucket.
serverHostname (STRING): Hostname of the S3 server.
operation (STRING): S3 request name.

s3.bucket.signatureMismatch

Deprecated

This event is renamed to "osc.signatureMismatch"

Severity

ERROR

Description

This message occurs when the request signature sent to the S3 server does not match the signature calculated by the server. This could be due to either an incorrect secret key or an internal ONTAP software error in calculating the signature.

Corrective Action

Verify that the secret access key is configured correctly. If it is correct, contact NetApp technical support for assistance.

Syslog Message

S3 %s operation server-calculated request signature does not match the signature sent to S3 server %s for bucket "%s".

Parameters

operation (STRING): S3 request name.
serverHostname (STRING): Hostname of the S3 server.
bucket (STRING): Name of the S3 bucket.

s3.schedsnap events

s3.schedSnap.create.fail

Severity

ERROR

Description

This message occurs when the system fails to create a scheduled S3 bucket snapshot for the given S3 bucket. The system then skips the failed create process, and moves on to the next bucket with the same policy or the next policy to perform any pending scheduled creation work. The failed create process is retried in the next iteration when the schedule time is reached.

Corrective Action

Correct the problem based on the reason specified. If the error persists, contact NetApp technical support.

Syslog Message

Skipping creation of scheduled S3 bucket snapshot "%s" for S3 bucket "%s" on Vserver "%s" for policy "%s" with schedule prefix "%s". Reason: "%s"

Parameters

snapshotName (STRING): Name of the S3 bucket snapshot.
bucketName (STRING): Name of the S3 bucket.
vserverName (STRING): Name of the storage virtual machine (SVM).
policyName (STRING): Name of the snapshot policy.
prefixName (STRING): Name of the schedule prefix associated with the snapshot policy schedule.
reason (STRING): Reason for the creation failure.

s3.schedSnap.limit.del.fail

Severity

ERROR

Description

This message occurs when the system fails to delete the oldest scheduled S3 bucket snapshots for the given S3 bucket when trying to enforce the policy schedule limit for the maximum number of snapshots during a new scheduled create snapshot process. If the limit enforcement fails, the enforcement is retried in the next iteration when the schedule time is reached for a new scheduled snapshot creation or until the corresponding snapshot policy schedule is removed to ensure the number of snapshots is under the defined limit.

Corrective Action

Correct the problem based on the reason specified. If the error persists, contact NetApp technical support.

Syslog Message

The deletion of old scheduled S3 bucket snapshots to enforce policy maximum snapshot limit (%d) for S3 bucket "%s" on Vserver "%s" for schedule "%s" has failed. Reason: "%s"

Parameters

scheduleLimit (INT): Maximum number of snapshots for the snapshot policy schedule.

bucketName (STRING): Name of the S3 bucket.

vserverName (STRING): Name of the storage virtual machine (SVM).

scheduleName (STRING): Name of the snapshot policy schedule.

reason (STRING): Reason for the deletion failure.

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.