



## **netgroup events**

### ONTAP EMS reference

NetApp  
November 22, 2024

# Table of Contents

- netgroup events ..... 1
- netgroup.files events ..... 1
- netgroup.ldap events ..... 1
- netgroup.nis events ..... 2

# netgroup events

## netgroup.files events

### netgroup.files.missing

#### Severity

ERROR

#### Description

This message occurs when a netgroup lookup request finds that files is specified as a ns-switch source, but a netgroup file cannot be found.

#### Corrective Action

Check that the local netgroup file is present and load it if necessary. The commands to perform this are "vserver services netgroup load" and "vserver services netgroup status".

#### Syslog Message

Netgroup file missing for Vserver "%s" during lookup for netgroup "%s".

#### Parameters

**vserver** (STRING): Name of the Vserver on which the problem is occurring.  
**netgroup** (STRING): Name of the netgroup for the lookup request.

## netgroup.ldap events

### netgroup.ldap.byhost.missing

#### Severity

INFORMATIONAL

#### Description

This message occurs when netgroup.byhost is disabled in the Lightweight Directory Access Protocol (LDAP) client configuration on the storage system, and LDAP is configured as an ns-switch source for the Vserver. Enabling netgroup.byhost enables mount operations to succeed faster when the netgroup size is large.

#### Corrective Action

Consider configuring the netgroup.byhost database on the LDAP server and enabling netgroup.byhost on the LDAP client configuration on the storage system by using the "ldap client modify" command.

#### Syslog Message

LDAP client config has netgroup.byhost disabled for Vserver "%s" during lookup for netgroup "%s".

#### Parameters

**vserver** (STRING): Name of the Vserver on which the problem is occurring.  
**netgroup** (STRING): Name of the netgroup for the lookup request.

## netgroup.ldap.config

### Severity

ERROR

### Description

This message occurs when a netgroup lookup request finds that Lightweight Directory Access Protocol (LDAP) is specified as a ns-switch source, but LDAP is not configured for the Vserver. Netgroup lookups using LDAP will not function.

### Corrective Action

Check the ns-switch sources configured for the netgroup database using "vserver services name-service ns-switch show" and the LDAP configuration for the Vserver using "ldap show" and "ldap client show". Either remove LDAP as a ns-switch source, or configure LDAP.

### Syslog Message

LDAP configuration issues found for Vserver "%s" during lookup for netgroup "%s".

### Parameters

**vserver** (STRING): Name of the Vserver on which the problem is occurring.  
**netgroup** (STRING): Name of the netgroup for the lookup request.

## netgroup.nis events

### netgroup.nis.byhost.decode

#### Severity

ERROR

#### Description

This message occurs when the netgroup.byhost remote procedure call to the Network Information Service (NIS) server returns a response that cannot be decoded.

#### Corrective Action

Check the netgroup byhost database on the NIS server for lines that have more than 1024 characters.

#### Syslog Message

NIS server returned an undecodable response for Vserver "%s" during lookup for netgroup "%s".

#### Parameters

**vserver** (STRING): Name of the Vserver on which the problem is occurring.  
**netgroup** (STRING): Name of the netgroup for the lookup request.

### netgroup.nis.byhost.missing

#### Severity

INFORMATIONAL

#### Description

This message occurs when the netgroup.byhost map is not configured on the Network Information Service (NIS) server and NIS is configured as a ns-switch source for the Vserver. Enabling netgroup.byhost enables

mount operations to succeed faster when the netgroup size is large.

### **Corrective Action**

Consider configuring the netgroup.byhost map on the NIS server to gain better performance with netgroups.

### **Syslog Message**

NIS server missing netgroup.byhost map for Vserver "%s" during lookup for netgroup "%s".

### **Parameters**

**vserver** (STRING): Name of the Vserver on which the problem is occurring.

**netgroup** (STRING): Name of the netgroup for the lookup request.

## **netgroup.nis.config**

### **Severity**

ERROR

### **Description**

This message occurs when a netgroup lookup request finds that Network Information Service (NIS) is specified as a ns-switch source, but NIS is not configured for the Vserver. Netgroup lookups using NIS will not function.

### **Corrective Action**

Check the ns-switch sources configured for the netgroup database using "vserver services name-service ns-switch show" and the NIS configuration for the Vserver using "nis-domain show". Either remove NIS as a ns-switch source, or configure NIS.

### **Syslog Message**

NIS configuration issues found for Vserver "%s" during lookup for netgroup "%s".

### **Parameters**

**vserver** (STRING): Name of the Vserver on which the problem is occurring.

**netgroup** (STRING): Name of the netgroup for the lookup request.

## 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.