



security cryptomod-fips commands

ONTAP 9.12.1 commands

NetApp
December 14, 2022

Table of Contents

- security cryptomod-fips commands 1
- security cryptomod-fips show 1

security cryptomod-fips commands

security cryptomod-fips show

Display the status of cryptomod-fips

Availability: This command is available to *cluster* administrators at the *admin* privilege level.

Description

This command displays information about the status of the cryptomod FIPS module. By default, this command displays the following information:

- Node name
- FIPS version
- Module version
- FIPS state
- Boolean indicating if module is a user-space module
- Boolean indicating if module is operating in FIPS mode
- Boolean indicating if module is currently under validation

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>`, ... parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-node {<nodename>|local}] - Node

Selects the nodes that match this parameter value.

[-fips-state-text <text>] - FIPS State

Shows the FIPS state of the module.

- POWER ON STATE
- SELF-TEST STATE
- ERROR STATE
- OPERATE STATE
- POWER OFF STATE

[-fips-version <text>] - FIPS Version

Shows the FIPS version.

[-module-version <text>] - Module Version

Shows the cryptomod FIPS module version.

[-is-user-space-module {true|false}] - Is User Space Module?

True if the module is a user-space module.

[-is-fips-enabled {true|false}] - Is FIPS Mode Enabled?

True if the module is operating in FIPS mode.

[-is-iut-enabled {true|false}] - Is an IUT Module Enabled?

True if the module is currently under validation.

Examples

```
cluster1::> security cryptomod-fips show
Node   FIPS           FIPS    Module
      State       Version  Version
-----
node-1 OPERATE STATE   140-2   2.2
node-2 OPERATE STATE   140-2   2.2
```

Copyright information

Copyright © 2022 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.