



Grant CSA user privileges using a TACACS+ server

Converged Systems Advisor

Rachel Lithman
April 10, 2020

Table of Contents

Grant CSA user privileges using a TACACS+ server 1

Grant CSA user privileges using a TACACS+ server

If you are using a TACACS+ server and you need to grant CSA user privileges for your switches, you must create a user privilege group and grant the group access to the specific set up commands needed by CSA.

The following commands should be written into the configuration file for your TACACS+ server.

Steps

1. Enter the following to create a user privilege group with read-only access:

```
group=group_name {
  default service=deny
  service=exec{
    priv-lvl=0
  }
}
```

2. Enter the following to grant access to commands needed by CSA:

```
cmd=show {
  permit "environment"
  permit "version"
  permit "feature"
  permit "feature-set"
  permit hardware.*
  permit "interface"
  permit "interface"
  permit "interface transceiver"
  permit "inventory"
  permit "license"
  permit "module"
  permit "port-channel database"
  permit "ntp peers"
  permit "license usage"
  permit "port-channel summary"
  permit "running-config"
  permit "startup-config"
  permit "running-config diff"
  permit "switchname"
  permit "int mgmt0"
  permit "cdp neighbors detail"
  permit "vlan"
  permit "vpc"
  permit "vpc peer-keepalive"
  permit "mac address-table"
  permit "lACP port-channel"
  permit "policy-map"
  permit "policy-map system type qos"
  permit "policy-map system type queuing"
  permit "policy-map system type network-qos"
  permit "zoneset active"
  permit "san-port-channel summary"
```

```
permit "flogi database"  
permit "fcns database detail"  
permit "fcns database detail"  
permit "zoneset active"  
permit "vsan"  
permit "vsan usage"  
permit "vsan membership"  
}
```

3. Enter the following to add your CSA user account to the newly created group:

```
user=user_account{  
member=group_name  
login=file/etc/passwd  
}
```

Copyright Information

Copyright © 2021 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.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

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.