



Configuring the Brocade Sphereon/Intrepid Switch data collector

Cloud Insights

Tony Lavoie
February 27, 2020

This PDF was generated from https://docs.netapp.com/us-en/cloudinsights/task_dc_brocade_sphereon_intrepid.html on May 18, 2020. Always check docs.netapp.com for the latest.

Table of Contents

- Configuring the Brocade Sphereon/Intrepid Switch data collector 1
 - Requirements 1
 - Configuration 1
 - Advanced configuration 1
 - Troubleshooting 2

Configuring the Brocade Sphereon/Intrepid Switch data collector

Cloud Insights uses the Brocade Sphereon/Intrepid Switch (SNMP) data collector to discover inventory for Brocade Sphereon or Intrepid switches.

Requirements

The following requirements must be met in order to configure this data collector:

- There must be IP connectivity to all switches in the fabric. If you select the Discover all switches in the fabric check box, Cloud Insights identifies all the switches in the fabric; however, it needs IP connectivity to these additional switches to discover them.
- Read-only community string if using SNMP V1 or SNMP V2.
- HTTP access to the switch to obtain zoning information.
- Access validation by running the snmpwalk utility to the switch (see *<install_path>|bin|*).

Configuration

Field	Description
Sphereon Switch	IP address or fully-qualified domain name of the switch
SNMP Version	SNMP version
SNMP Community String	SNMP read-only community string used to access the switch
SNMP User Name	SMI-S user name for the switch (SNMP v3 only)
SNMP Password	SMI-S password for the switch (SNMP v3 only)

Advanced configuration

Field	Description
Inventory Poll Interval (min)	Interval between inventory polls. The default is 15 minutes.
SNMP Auth Protocol	SNMP authentication protocol (SNMP v3 only)
SNMP Privacy Password	SNMP privacy password (SNMP v3 only)
SNMP Number of Retries	Number of SNMP retry attempts

Field	Description
Fabric Name	Fabric name to be reported by the data collector. Leave blank to report the fabric name as WWN.
Enable Trapping	Select to enable acquisition upon receiving an SNMP trap from the device. If you select enable trapping, you must also activate SNMP.
Minimum Time Between Traps (seconds)	Minimum time between acquisition attempts triggered by traps. The default is 10 seconds.
Performance Poll Interval (sec)	Interval between performance polls. The default is 300 seconds.

Troubleshooting

Additional information on this Data Collector may be found from the [Support](#) page or in the [Data Collector Support Matrix](#).

Copyright Information

Copyright © 2020 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.