



## **Understand Virtual Storage Console reports**

VSC, VASA Provider, and SRA 9.7

NetApp  
April 01, 2025

This PDF was generated from <https://docs.netapp.com/us-en/vsc-vasa-provider-sra-97/manage/concept-what-reports-do.html> on April 01, 2025. Always check [docs.netapp.com](https://docs.netapp.com) for the latest.

# Table of Contents

Understand Virtual Storage Console reports . . . . .	1
What reports do . . . . .	1
Datastore Reports . . . . .	1
Datastore Report . . . . .	1
Virtual Machine Report . . . . .	2
vVols reports . . . . .	2
vVol Datastore Report . . . . .	3
vVols Virtual Machine Report . . . . .	3

# Understand Virtual Storage Console reports

You can use the Virtual Storage Console (VSC) **Reports** menu to view pre-defined reports for all the datastores managed by a selected VSC instance in a particular vCenter Server. You can perform operations such as sorting and exporting reports.

## What reports do

Reports display detailed information about datastores and virtual machines, that enables you to review and identify potential issues with datastores and virtual machines in your vCenter Server.

You can view, sort, and export reports.

Virtual Storage Console (VSC) provides the following pre-defined reports:

- Datastore Report
- Virtual Machine Report
- VVol Datastore Report
- VVol Virtual Machine Report

## Datastore Reports

The datastore reports provide detailed information about traditional datastores and the virtual machines that are created on these datastores.

The traditional dashboard enables you to review and identify potential issues with the datastores and virtual machines in your vCenter Server. You can view, sort, and export reports. The data for the traditional datastores and virtual machines report is provided by the vCenter Server.

The datastore provides the following pre-defined reports:

- Datastore Report
- Virtual Machine Report

### Datastore Report

The Datastore Report menu provides information on the following parameters for datastores:

- Name of the datastore
- Type of datastore: NFS or VMFS
- Free space
- Used space
- Total space
- Percentage of space utilized
- Percentage of space available

- IOPS

The report displays the IOPS for the datastore.

- Latency

The report displays the latency information for the datastore.

You can also verify the time at which the report was generated. The Datastore Report menu enables you to organize the report as per your requirement, and then export the organized report using the **Export to CSV** button. The datastore names in the report are links that navigate to the Monitor tab of the selected datastore, where you can view the datastore performance metrics.

## Virtual Machine Report

The Virtual Machine Report menu provides the following performance metrics for all the virtual machines that use datastores provisioned by VSC for a selected vCenter Server:

- Name of the virtual machine
- Committed capacity

The report displays the value for the committed capacity for a virtual machine.

- Uptime

The report displays the time for which the virtual machine is powered on and is available on an ESXi host.

- Latency

The report displays the latency for virtual machines across all datastores associated with the virtual machines.

- Power state

The report displays whether the virtual machine is powered on or powered off.

- Host

The report displays the host systems on which the virtual machine is available.

Each virtual machine name in the report is a link to the Monitor tab of the selected virtual machine. You can sort the virtual machine report as per your requirement and export the report in a .CSV file, and save the report on your local system. The timestamp of the report is also appended to the saved report.

## vVols reports

vVols reports display detailed information about VMware Virtual Volumes (vVols) datastores and the virtual machines that are created on these datastores. The vVol dashboard enables you to review and identify potential issues with the vVols datastores and virtual machines in your vCenter Server.

You can view, organize, and export reports. The data for the vVols datastores and virtual machines report is

provided by the ONTAP along with OnCommand API Services.

vVols provides the following pre-canned reports:

- vVol Datastore Report
- vVol VM Report

## vVol Datastore Report

The **vVol Datastore Report** menu provides information about the following parameters for datastores:

- vVols datastore name
- Free space
- Used space
- Total space
- Percentage of space utilized
- Percentage of space available
- IOPS
- Latency

You can also verify the time at which the report was generated. The **vVol Datastore Report** menu enables you to organize the report as per your requirement, and then export the organized report by using the **Export to CSV** button. Each SAN vVols datastore name in the report is a link that navigates to the **Monitor** tab of the selected SAN vVols datastore, which you can use to view the performance metrics.

## vVols Virtual Machine Report

The **vVol Virtual Machine Summary Report** menu provides the following performance metrics for all of the virtual machines that use the SAN vVols datastores that are provisioned by VASA Provider for ONTAP for a selected vCenter Server:

- Name of the virtual machine
- Committed capacity
- Uptime
- Throughput

The report displays whether the virtual machine is powered on or powered off.

- Logical space
- Host
- Power state
- Latency

The report displays the latency for virtual machines across all of the vVols datastores that are associated with the virtual machines.

Each virtual machine name in the report is a link to the **Monitor** tab of the selected virtual machine. You can organize the virtual machine report according to your requirement, export the report in .CSV format, and then

save the report on your local system. The timestamp of the report is appended to the saved report.

## 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—with 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.