



# **SnapCenter Plug-in for Microsoft SQL Server features**

SnapCenter Software

Archana, Soumik Das  
June 16, 2021

This PDF was generated from [https://docs.netapp.com/us-en/snapcenter/protect-scsql/concept\\_snapcenter\\_plug\\_in\\_for\\_microsoft\\_sql\\_server\\_features.html](https://docs.netapp.com/us-en/snapcenter/protect-scsql/concept_snapcenter_plug_in_for_microsoft_sql_server_features.html) on June 18, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

SnapCenter Plug-in for Microsoft SQL Server features ..... 1

# SnapCenter Plug-in for Microsoft SQL Server features

The Plug-in for SQL Server integrates with Microsoft SQL Server on the Windows host and with NetApp Snapshot copy technology on the storage system. To work with the Plug-in for SQL Server, you use the SnapCenter interface.

The Plug-in for SQL Server includes these major features:

- **Unified graphical user interface powered by SnapCenter**

The SnapCenter interface provides you with standardization and consistency across plug-ins and environments. The SnapCenter interface enables you to complete consistent backup and restore processes across plug-ins, use centralized reporting, use at-a-glance dashboard views, set up role-based access control (RBAC), and monitor jobs across all plug-ins. SnapCenter also offers centralized scheduling and policy management to support backup and clone operations.

- **Automated central administration**

You can schedule routine SQL Server backups, configure policy-based backup retention, and set up point-in-time and up-to-the-minute restore operations. You can also proactively monitor your SQL Server environment by configuring SnapCenter to send email alerts.

- **Nondisruptive NetApp Snapshot copy technology**

The Plug-in for SQL Server uses NetApp Snapshot copy technology with the NetApp SnapCenter Plug-in for Microsoft Windows. This enables you to back up databases in seconds and restore them quickly without taking SQL Server offline. Snapshot copies consume minimal storage space.

In addition to these major features, the Plug-in for SQL Server offers the following benefits:

- Backup, restore, clone, and verification workflow support
- RBAC-supported security and centralized role delegation
- Creation of space-efficient, point-in-time copies of production databases for testing or data extraction by using NetApp FlexClone technology

A FlexClone license is required on the storage system holding the clone.

- Nondisruptive and automated backup verification
- Ability to run multiple backups at the same time across multiple servers
- PowerShell cmdlets for scripting of backup, verify, restore, and clone operations
- Support for AlwaysOn Availability Groups (AGs) in SQL Server to accelerate AG setup, backup, and restore operations
- In-memory database and Buffer Pool Extension (BPE) as part of SQL Server 2014
- Support for backup of LUNs and virtual machine disks (VMDKs)
- Support for physical and virtualized infrastructures
- Support for iSCSI, Fibre Channel, FCoE, raw device mapping (RDM), and VMDK over NFS and VMFS



NAS volumes should have a default export policy in storage virtual machine (SVM).

- Support for FileStream and file group in SQL Server standalone databases.

## 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.