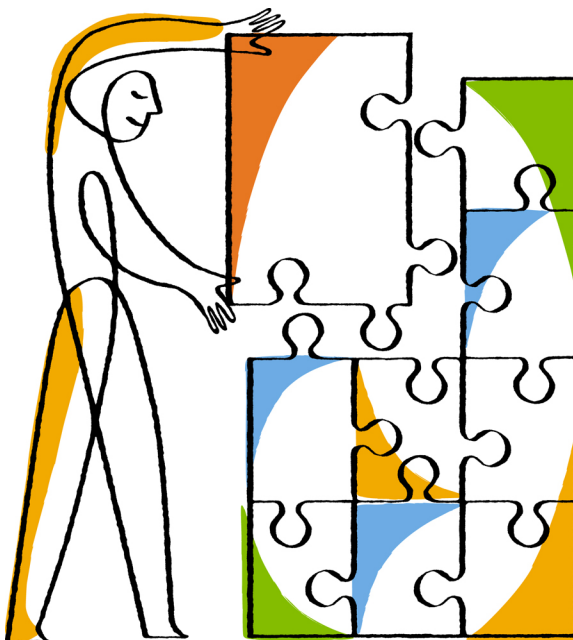




Processed: Thursday August 1 2013 16:23:42
Draft • NetApp Confidential

Virtual Storage Console 1.0 for Red Hat® Enterprise Virtualization

Beta Readme



NetApp, Inc.
495 East Java Drive
Sunnyvale, CA 94089
U.S.

Telephone: +1(408) 822-6000
Fax: +1(408) 822-4501
Support telephone: +1 (888) 463-8277
Web: www.netapp.com
Feedback: doccomments@netapp.com

Part number: beta
August 2013

Contents

Features in this beta release 4

Limitations for this beta release 5

Copyright information 6

Trademark information 7

How to send your comments 8

Features in this beta release

Virtual Storage Console (VSC) 1.0 for Red Hat Enterprise Virtualization (RHEV) includes the following features:

- Provisioning NFS storage domains
- Resizing NFS storage domains
- Destroying NFS storage domains
- Virtual machine cloning on NFS in existing storage domains

The following software is supported:

- Data ONTAP; one of the following:
 - 8.1.2
 - 8.2.0 (operating in 7-mode and Clustered)
- Operating systems
 - Red Hat Enterprise Linux (RHEL) 6.4
 - Microsoft Windows (Client only)
 - Windows Server 2008
 - Windows 7
- Red Hat Enterprise Virtualization (RHEV) Manager 3.2.x
- RHEV Hypervisor 6.4
- Oracle Open Java Development Kit (JDK) 7 (openjdk-7 package)
- Web browsers
 - Internet Explorer 9 and 10 (on Windows)
 - Firefox (on RHEL)

Limitations for this beta release

You should be aware of some limitations in this beta release.

- Cloning can only be done between storage domains in the same Data Center.
- When cloning a virtual machine that has a CPU pinning topology, the pinning topology is not carried over into the clones.
- Deduplication configuration for a storage domain is not available in the plugin, although it will be available in the final release.
- When provisioning on a controller that is a directly connected Storage Virtual Machine (SVM), the path between the LIF and the aggregate is not verified to be direct because of a limitation of information when using a direct connection to the SVM. Paths between the LIF and the aggregate can be verified as direct when the connection to the controller is through an Admin SVM.
- All aggregates may be listed for use in domain provisioning for an SVM instead of only the aggregates that are assigned it.
- When provisioning a storage domain, the aggregate size unit will not update when the unit is changed if the current value of the new domain size is invalid.

Copyright information

Copyright © 1994–2013 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, Network Appliance, the Network Appliance logo, Akorri, ApplianceWatch, ASUP, AutoSupport, BalancePoint, BalancePoint Predictor, Bycast, Campaign Express, ComplianceClock, Cryptainer, CryptoShred, CyberSnap, Data Center Fitness, Data ONTAP, DataFabric, DataFort, Decru, Decru DataFort, DenseStak, Engenio, Engenio logo, E-Stack, ExpressPod, FAServer, FastStak, FilerView, Flash Accel, Flash Cache, Flash Pool, FlashRay, FlexCache, FlexClone, FlexPod, FlexScale, FlexShare, FlexSuite, FlexVol, FPolicy, GetSuccessful, gFiler, Go further, faster, Imagine Virtually Anything, Lifetime Key Management, LockVault, Mars, Manage ONTAP, MetroCluster, MultiStore, NearStore, NetCache, NOW (NetApp on the Web), Onaro, OnCommand, ONTAPI, OpenKey, PerformanceStak, RAID-DP, ReplicatorX, SANscreen, SANshare, SANtricity, SecureAdmin, SecureShare, Select, Service Builder, Shadow Tape, Simplicity, Simulate ONTAP, SnapCopy, Snap Creator, SnapDirector, SnapDrive, SnapFilter, SnapIntegrator, SnapLock, SnapManager, SnapMigrator, SnapMirror, SnapMover, SnapProtect, SnapRestore, Snapshot, SnapSuite, SnapValidator, SnapVault, StorageGRID, StoreVault, the StoreVault logo, SyncMirror, Tech OnTap, The evolution of storage, Topio, VelocityStak, vFiler, VFM, Virtual File Manager, VPolicy, WAFL, Web Filer, and XBB are trademarks or registered trademarks of NetApp, Inc. in the United States, other countries, or both.

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. A complete and current list of other IBM trademarks is available on the web at www.ibm.com/legal/copytrade.shtml.

Apple is a registered trademark and QuickTime is a trademark of Apple, Inc. in the United States and/or other countries. Microsoft is a registered trademark and Windows Media is a trademark of Microsoft Corporation in the United States and/or other countries. RealAudio, RealNetworks, RealPlayer, RealSystem, RealText, and RealVideo are registered trademarks and RealMedia, RealProxy, and SureStream are trademarks of RealNetworks, Inc. in the United States and/or other countries.

All other brands or products are trademarks or registered trademarks of their respective holders and should be treated as such.

NetApp, Inc. is a licensee of the CompactFlash and CF Logo trademarks.

NetApp, Inc. NetCache is certified RealSystem compatible.

How to send your comments

You can help us to improve the quality of our documentation by sending us your feedback.

Your feedback is important in helping us to provide the most accurate and high-quality information. If you have suggestions for improving this document, send us your comments by email to doccomments@netapp.com. To help us direct your comments to the correct division, include in the subject line the product name, version, and operating system.

You can also contact us in the following ways:

- NetApp, Inc., 495 East Java Drive, Sunnyvale, CA 94089 U.S.
- Telephone: +1 (408) 822-6000
- Fax: +1 (408) 822-4501
- Support telephone: +1 (888) 463-8277