



# Migrating a Deploy instance to a new virtual machine

## ONTAP Select

David Peterson  
November 24, 2019

This PDF was generated from [https://docs.netapp.com/us-en/ontap-select/task\\_cli\\_migrate\\_deploy.html](https://docs.netapp.com/us-en/ontap-select/task_cli_migrate_deploy.html) on November 04, 2020. Always check docs.netapp.com for the latest.

# Table of Contents

- Migrating a Deploy instance to a new virtual machine..... 1
  - Backing up the Deploy configuration data..... 1
  - Installing a new instance of the Deploy virtual machine..... 2
  - Restoring the Deploy configuration data to the new virtual machine ..... 2

# Migrating a Deploy instance to a new virtual machine

You can migrate an existing instance of the Deploy administration utility to a new virtual machine using the command line interface.

This procedure is based on creating a new virtual machine that uses the configuration data from the original virtual machine. The new and original virtual machines must run the same version and release of the Deploy utility. You cannot migrate to a different version and release of the Deploy utility.

## Backing up the Deploy configuration data

You must create a backup of the Deploy configuration data as part of migrating the virtual machine. You should also create a backup after deploying an ONTAP Select cluster. The data is saved to a single encrypted file that you can download to your local workstation.

### *Before you begin*

Make sure that Deploy is not performing any other tasks during the backup operation.

### *About this task*

The backup file you create captures all the configuration data from the virtual machine. This data describes aspects of your deployment environment, including the ONTAP Select clusters.

### *Steps*

1. Sign in to the Deploy utility CLI using SSH with the administrator account.
2. Create a backup of the Deploy configuration data, which is stored in an internal directory at the Deploy server:

```
deploy backup create
```

3. Provide a password for the backup when prompted.

The backup file is encrypted based on the password.

4. Display the available backups in the system:

```
deploy backup show -detailed
```

5. Select your backup file based on the date in the **Created** field and record the **Download URL** value.

You can access the backup file through the URL.

6. Using a web browser or utility such as Curl, download the backup file to your local workstation with the URL.

# Installing a new instance of the Deploy virtual machine

You must create a new instance of the Deploy virtual machine which you can update with the configuration data from the original virtual machine.

## *Before you begin*

You must be familiar with the procedures used to download and deploy the ONTAP Select Deploy virtual machine in a VMware environment.

## *About this task*

This task is described at a high level.

## *Steps*

1. Create a new instance of the Deploy virtual machine:
  - a. Download the virtual machine image.
  - b. Deploy the virtual machine and configure the network interface.
  - c. Access the Deploy utility using SSH.

## *Related information*

[Installing ONTAP Select Deploy](#)

# Restoring the Deploy configuration data to the new virtual machine

You must restore the configuration data from the original Deploy utility virtual machine to the new virtual machine. The data is in a single file that you must upload from your local workstation.

## *Before you begin*

You must have the configuration data from a previous backup. The data is contained in a single file and must be available on your local workstation.

## *Steps*

1. In a command shell on your local workstation, use the sftp utility to upload the backup file to the Deploy virtual machine.

## Example

```
sftp admin@10.234.81.101 (provide password when prompted)
put deploy_backup_20190601162151.tar.gz
exit
```

2. Sign in to the Deploy utility CLI using SSH with the administrator account.

3. Restore the configuration data.

```
deploy backup restore -path PATHNAME -filename FILENAME
```

Example

```
deploy backup restore -path /home/admin -filename deploy_backup_20180601162151.tar.gz
```

## 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.