



Setup the Ansible control node (For CLI based deployments)

NetApp Solutions

NetApp
May 09, 2022

This PDF was generated from https://docs.netapp.com/us-en/netapp-solutions/automation/automation_rhel_centos_setup.html on May 09, 2022. Always check docs.netapp.com for the latest.

Table of Contents

- Setup the Ansible control node (For CLI based deployments)..... 1
 - NetApp Solution Automation 1
 - NetApp Solution Automation 2

Setup the Ansible control node (For CLI based deployments)

NetApp Solution Automation

Procedure

1. Requirements for the Ansible control node,:
 - a. A RHEL/CentOS machine with the following packages installed:
 - i. Python3
 - ii. Pip3
 - iii. Ansible (version greater than 2.10.0)
 - iv. Git

If you have a fresh RHEL/CentOS machine without the above requirements installed, follow the below steps to setup that machine as the Ansible control node:

1. Enable the Ansible repository for RHEL-8/RHEL-7
 - a. For RHEL-8 (run the below command as root)

```
subscription-manager repos --enable ansible-2.9-for-rhel-8-x86_64-rpms
```

- b. For RHEL-7 (run the below command as root)

```
subscription-manager repos --enable rhel-7-server-ansible-2.9-rpms
```

2. Create a .sh file

```
vi setup.sh
```

3. Paste the below content in the file

```
#!/bin/bash
echo "Installing Python ----->"
sudo yum -y install python3 >/dev/null
echo "Installing Python Pip ----->"
sudo yum -y install python3-pip >/dev/null
echo "Installing Ansible ----->"
python3 -W ignore -m pip --disable-pip-version-check install ansible
>/dev/null
echo "Installing git ----->"
sudo yum -y install git >/dev/null
```

4. Make the file executable

```
chmod +x setup.sh
```

5. Run the script (as root)

```
./setup.sh
```

NetApp Solution Automation

Procedure

1. Requirements for the Ansible control node,:
 - a. A Ubuntu/Debian machine with the following packages installed:
 - i. Python3
 - ii. Pip3
 - iii. Ansible (version greater than 2.10.0)
 - iv. Git

If you have a fresh Ubuntu/Debian machine without the above requirements installed, follow the below steps to setup that machine as the Ansible control node:

1. Create a .sh file

```
vi setup.sh
```

2. Paste the below content in the file

```
#!/bin/bash
echo "Installing Python ----->"
sudo apt-get -y install python3 >/dev/null
echo "Installing Python Pip ----->"
sudo apt-get -y install python3-pip >/dev/null
echo "Installing Ansible ----->"
python3 -W ignore -m pip --disable-pip-version-check install ansible
>/dev/null
echo "Installing git ----->"
sudo apt-get -y install git >/dev/null
```

3. Make the file executable

```
chmod +x setup.sh
```

4. Run the script (as root)

```
./setup.sh
```

Copyright Information

Copyright © 2022 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.