



Configure IPMI for each node

HCI

Michael Wallis, Ann-Marie Grissino

July 27, 2020

This PDF was generated from https://docs.netapp.com/us-en/hci/docs/hci_prereqs_final_prep.html on October 29, 2020. Always check docs.netapp.com for the latest.

Table of Contents

- Configure IPMI for each node 1
 - Prerequisites 1
 - Manually assign the IPMI port IP address 1
 - Change the default IPMI password for H410C and H410S nodes 2
 - Change the default IPMI password for H610C, H615C, and H610S nodes 2

Configure IPMI for each node

After you have racked, cabled, and powered on your NetApp HCI hardware, you can configure Intelligent Platform Management Interface (IPMI) access for each node. Assign each IPMI port an IP address and change the default IPMI administrator password as soon as you have remote IPMI access to the node.

Prerequisites

After you have validated that your environment is ready to support NetApp HCI and resolved any potential issues, you need to complete some final tasks before deployment.

- Ensure you have a successful report from Active IQ Config Advisor.
- Gather all relevant information about your network, current or planned VMware infrastructure, and planned user credentials.
- Rack, cable, and power on the NetApp HCI installation.

Manually assign the IPMI port IP address

Dynamic Host Configuration Protocol (DHCP) is enabled by default for the IPMI port of each NetApp HCI node. If your IPMI network does not use DHCP, you can manually assign a static IPv4 address to the IPMI port.

Before you begin

Ensure that you have a keyboard, video, and mouse (KVM) switch or monitor and keyboard you can use to access the BIOS of each node.

About this task

Use the arrow keys to navigate in the BIOS. Select a tab or option by pressing **Enter**. Go back to previous screens by pressing **ESC**.

Steps

1. Power on the node.
2. Upon booting, enter the BIOS by pressing the **Del** key.
3. Select the IPMI tab.
4. Select **BMC Network Configuration** and press **Enter**.
5. Choose **Yes** and press **Enter**.
6. Select **Configuration Address Source** and press **Enter**.
7. Choose **Static** and press **Enter**.

8. Select **Station IP address** and enter a new IP address for the IPMI port. Press **Enter** when finished.
9. Select **Subnet mask** and enter a new subnet mask for the IPMI port. Press **Enter** when finished.
10. Select **Gateway IP address** and enter a new gateway IP address for the IPMI port. Press **Enter** when finished.
11. Connect one end of an Ethernet cable to the IPMI port and the other end to a switch.

The IPMI port for this node is ready to use.

12. Repeat this procedure for any other NetApp HCI nodes with IPMI ports that are not configured.

Change the default IPMI password for H410C and H410S nodes

You should change the default password for the IPMI administrator account on each compute and storage node as soon as you configure the IPMI network port.

Before you begin

You have configured the IPMI IP address for each compute and storage node.

Steps

1. Open a web browser on a computer that can reach the IPMI network and browse to the IPMI IP address for the node.
2. Enter the user name **ADMIN** and password **ADMIN** in the login prompt.
3. Upon logging in, click the **Configuration** tab.
4. Click **Users**.
5. Select the **ADMIN** user and click **Modify User**.
6. Select the **Change Password** check box.
7. Enter a new password in the **Password** and **Confirm Password** fields.
8. Click **Modify**, and then click **OK**.
9. Repeat this procedure for any other NetApp HCI H410C and H410S nodes with default IPMI passwords.

Change the default IPMI password for H610C, H615C, and H610S nodes

You should change the default password for the IPMI administrator account on each compute and storage node as soon as you configure the IPMI network port.

Before you begin

You have configured the IPMI IP address for each compute and storage node.

Steps

1. Open a web browser on a computer that can reach the IPMI network and browse to the IPMI IP address for the node.
2. Enter the user name **root** and password **calvin** in the login prompt.
3. Upon logging in, click the menu navigation icon at the top left of the page to open the sidebar drawer.
4. Click **Settings**.
5. Click **User Management**.
6. Select the **Administrator** user from the list.
7. Enable the **Change Password** check box.
8. Enter a new, strong password in the **Password** and **Confirm Password** fields.
9. Click **Save** at the bottom of the page.
10. Repeat this procedure for any other NetApp HCI H610C, H615C, or H610S nodes with default IPMI passwords.

Find more information

- [NetApp SolidFire Active IQ Documentation](#)
- [NetApp HCI Documentation Center](#)
- [NetApp HCI Resources Page](#)

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.