HITACHI

Hitachi Vantara

# Hitachi Unified Compute Platform (UCP) Advisor

**4.8.1**

Release Notes

**RN-92UCP098-20**
**April 2026**

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# Hitachi Unified Compute Platform (UCP) Advisor Release Notes

This document (RN-92UCP098-20, April 2026) provides late-breaking information about Hitachi Unified Compute Platform (UCP) Advisor version 4.8.1. It includes information that was not available at the time the technical documentation for this product was published, as well as a list of known issues and solutions.

## About this release

UCP Advisor version 4.8.1 is a patch release that resolves issues related to Apache Tomcat vulnerabilities.

## Intended audience

This document is intended for customers and Hitachi Vantara partners who license and use UCP Advisor.

## Getting help

The Hitachi Vantara Support Website is the destination for technical support of products and solutions sold by Hitachi Vantara. To contact technical support, log on to the Hitachi Vantara Support Website. For additional contact methods, go to https://support.hitachivantara.com/en/contact-support.html.

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# New features and enhancements

The following features and enhancements are new to UCP Advisor 4.8.1:

- Added support for the latest firmware versions for the following server models:
  - DS120
  - DS220
  - DS120 G2
  - DS220 G2
- Resolved Apache Tomcat vulnerabilities identified in UCP Advisor 4.8.0.

  CVE Details: CVE-2025-55752, CVE-2025-55754, CVE-2025-61795.
- Added firmware upgrade support for the HA800 G3 servers with SPV 7.44.

# Supported hardware

The following hardware requirements must be met for UCP Advisor to function efficiently:

- Fully deployed and configured converged infrastructure or hyperconverged infrastructure
- Management node for UCP Advisor component deployment

## Supported compute nodes

UCP Advisor supports the compute nodes and firmware requirements listed in the following table:

| **Compute** | | |
|---|---|---|
| **Model** | **Firmware** | |
| DS120 | BIOS | S5BH3B31.H01 |
| | BMC | 4.85.06 |
| | CPLD | 11 |
| DS120 G2 | BIOS | S5XH3A26.H00 |
| | BMC | 3.73.06 |
| | CPLD | 7 |
| DS120 G6 | BIOS | 10/09/2025 Ver 1.4.1U |
| | BMC | 11.03.00.06 |
| | CPLD | F2.48.24 |

| Compute | | |
|---|---|---|
| **Model** | **Firmware** | |
| DS220 | BIOS | S5BH3B31.H01 |
| | BMC | 4.85.06 |
| | CPLD | 11 |
| DS220 G2 | BIOS | S5XH3A26.H00 |
| | BMC | 3.73.06 |
| | CPLD | 7 |
| DS220 G6 | BIOS | 10/10/2025 Ver 1.4.2U |
| | BMC | 11.03.00.06 |
| | CPLD | F2.48.25 |
| DS225 | BIOS | S5BH3B27.H00 |
| | BMC | 4.77.06 |
| | CPLD | 11 |
| DS240 | BIOS | S7DH3B26.H00 |
| | BMC | 4.80.06 |
| | CPLD | E01 |
| Hitachi Advanced Server HA810 G2 | BIOS | U46 v2.34 (03/11/2025) |
| | BMC | 3.11 Feb 25 2025 |
| | SPV | 6.94 |
| Hitachi Advanced Server HA820 G2 | BIOS | U46 v2.34 (03/11/2025) |
| | BMC | 3.11 Feb 25 2025 |
| | SPV | 6.94 |
| Hitachi Advanced Server HA805 G3 | BIOS | A56 v2.70 (08/07/2025) |
| | BMC | 1.70 Aug 11 2025 |
| | SPV | 7.43 |
| Hitachi Advanced Server HA810 G3 | BIOS | U54 v2.60 (08/07/2025) |
| | BMC | 1.70 Aug 11 2025 |
| | SPV | 7.43 |

| Compute | | |
|---|---|---|
| **Model** | **Firmware** | |
| Hitachi Advanced Server HA815 G3 | BIOS | A55 v2.70 (08/07/2025) |
| | BMC | 1.70 Aug 11 2025 |
| | SPV | 7.43 |
| Hitachi Advanced Server HA820 G3 | BIOS | U54 v2.60 (08/07/2025) |
| | BMC | 1.70 Aug 11 2025 |
| | SPV | 7.43 |
| Hitachi Advanced Server HA825 G3 | BIOS | A55 v2.70 (08/07/2025) |
| | BMC | 1.70 Aug 11 2025 |
| | SPV | 7.43 |
| Hitachi Advanced Server HA840 G3 | BIOS | U59 v2.60 (08/07/2025) |
| | BMC | 1.70 Aug 11 2025 |
| | SPV | 7.43 |
| Hitachi Advanced Server HA810 G6 | BIOS | U68 v1.30 (03/21/2025) |
| | BMC | 1.13.00 Mar 21 2025 |
| | SPV | 12.0 |
| Hitachi Advanced Server HA820 G6 | BIOS | U68 v1.30 (03/21/2025) |
| | BMC | 1.13.00 Mar 21 2025 |
| | SPV | 12.0 |

## Supported switches

UCP Advisor supports the switch models and firmware requirements listed in the following table.

| Switch | Model | Firmware |
|---|---|---|
| Ethernet | Arista 7050CX3 | 4.29.5M |
| | Arista 7050SX3 | 4.29.5M |
| | Cisco 9332C (Spine) | NX-OS 10.5.2F |

| Switch | Model | Firmware |
|---|---|---|
| | Cisco 9316D-GX (Spine) | NX-OS 10.5.2F |
| | Cisco Nexus 93180LC-EX | NX-OS 9.3.13 |
| | Cisco Nexus 93180YC-EX | NX-OS 10.3.6M |
| | Cisco Nexus 93180YC-FX (10/25G Leaf) | NX-OS 10.5.2F |
| | Cisco 93180YC-FX3H | NX-OS 10.5.2F |
| | Cisco Nexus 93600CD-GX | NX-OS 10.5.2F |
| | Cisco Nexus 93180YC-FX3 | NX-OS 10.5.2F |
| Management | Arista 7010T | 4.28.10.1M |
| | Cisco Nexus 3048 | NX-OS 9.3.13 |
| | Cisco Nexus 92348GC (1 G Mgmt) | NX-OS 10.5.2F |
| Fibre Channel | Brocade G620 | 9.2.1a |
| | Brocade G620 G2 | 9.2.1a |
| | Brocade G720 | 9.2.2 |

## Supported storage systems

UCP Advisor supports the storage models and microcode requirements listed in the following table:

| Storage | |
|---|---|
| **Model** | **Microcode[1]** |
| Virtual Storage Platform G200 | 83-05-44-60/00 SVOS 7.4.0 or later |
| VSP Gx00 (x=4/6)<br>VSP Fx00 (x=4/6 | 83-06-26-x0/00 |
| Virtual Storage Platform G800<br>Virtual Storage Platform F800 | 83-06-26-x0/00 |
| VSP G350 | 88-08-17-x0/00, SVOS Level- 9.6.0 |
| Virtual Storage Platform F350/VSP F370/ VSP F700/VSP F900, /VSP G150/VSP G700/VSP G900 | 88-08-17-x0/00, SVOS Level- 9.6.0 |

| Storage | |
|---|---|
| **Model** | **Microcode[1]** |
| Virtual Storage Platform G130 | 83-06-26-x0/00, SVOS 7.4.1 |
| VSP 5100/5100H/5500/5500H/5200/5200H/5600/5600H (SAS)<br>VSP 5100/5100H/5500/5500H/5200/5200H/5600/5600H (NVMe) | 90-09-28-00/00, SVOS 9.8.7<br>90-09-28-00/00, SVOS 9.8.7 |
| VSP E590/VSP E790 | 93-07-27-x0/00, SVOS 9.8.7 |
| VSP E990 | 93-07-27-x0/00, SVOS Level 9.8.7 |
| VSP E1090 | 93-07-27-x0/00, SVOS 9.8.7 |
| VSP One B24 | A3-04-21-40/00 |
| VSP One B26 | A3-04-21-40/01 |
| VSP One B28 | A3-04-21-40/02 |
| **1.** The listed microcode versions are the minimum versions. | |

## Supported I/O cards

UCP Advisor supports firmware upgrade of I/O cards in all Hitachi Advanced Server models. For details about the supported I/O cards for your system, see the Product Compatibility Guide at:http://compatibility.hitachivantara.com.

### I/O cards supported by DS120/DS220/DS225/DS240 / DS120 G2/DS220 G2/DS120 G6, and DS220 G6 server models

UCP Advisor supports firmware upgrade of the I/O cards listed in the following table for server models: DS120/DS220/DS225/DS240/DS120 G2/ DS220 G2, DS120 G6, and DS220 G6 server models.

**Note:**

- During I/O card discovery, unsupported I/O cards are listed as: `UNKNOWN`.
- Intel E810 and I350 cards have limited I/O card discovery support; the firmware version might be displayed as `UNKNOWN` in the Compute > IO Cards > tab. Firmware upgrade is not supported on these cards.

| Type | Name | Machine Name | Firmware Version |
|---|---|---|---|
| NIC | Intel E810-XXV, 25GbE, PCIe | Intel(R)_Ethernet_Network_Adapter_E810-XXV-2 | 4.5 |
| NIC | Intel E810-XXVDA2, 25GbE, PCIe | Intel(R)_Ethernet_Network_Adapter_E810-XXVDA2 | 4.5 |
| NIC | Intel I350 T4, OCP | Intel(R)_Ethernet_Network_Adapter_I350-T4_for_OCP_NIC_3.0 | 1.63 |
| NIC | Intel I350 T4, PCIe | Intel(R)_Ethernet_Server_Adapter_I350-T4 | 1.63 |
| NIC | Intel X527-DA4, 10GbE SFP+, OCP Mezz | Intel(R)_Ethernet_Connection_X722_for_10GbE_SFP+ | 4.3 |
| NIC | Intel X557-T4, 10GBase-T, OCP Mezz | Intel(R)_Ethernet_Connection_X722_for_10GBASE-T | 4.3 |
| NIC | Intel X710, 10/1GbE, PCIe | Intel(R)_Ethernet_Converged_Network_Adapter_X710 | 9.5 |
| NIC | Intel X710, 10/25/40GbE, PCIe | Intel(R)_Ethernet_Controller_X710_for_10GbE_SFP+ | 9.5 |
| NIC | Intel X710-DA4, 10/1GbE, PCIe | Intel(R)_Ethernet_Converged_Network_Adapter_X710-4 | 9.5 |
| NIC | Intel X710-DA4, 10/25/40GbE, OCP | Intel(R)_Ethernet_Network_Adapter_X710-4_for_OCP_NIC_3.0 | 9.5 |
| NIC | Intel X710-T4L, 10/25/40GbE, OCP | Intel(R)_Ethernet_Network_Adapter_Intel_X710-T4L_for_OCP_NIC_3.0 | 9.5 |
| NIC | Intel X710-T4L, 10/25/40GbE, PCIe | Intel(R)_Ethernet_Network_Adapter_Intel_X710-T4L | 9.5 |
| NIC | Intel X710-TL, 10/25/40GbE, PCIe | Intel(R)_Ethernet_Network_Adapter_Intel_X710-TL | 9.5 |

| Type | Name | Machine Name | Firmware Version |
|---|---|---|---|
| NIC | Intel XXV710-DA2, 10/25/40GbE, PCIe | Intel(R)_Ethernet_Network_Adapter_XXV710-2 | 9.5 |
| NIC | Mellanox ConnectX-4 Lx EN 10/25GbE SFP28, LP-MD2, PCIe | MCX4121A-ACA_Ax | 14.32.1010 |
| NIC | Mellanox ConnectX-4 Lx EN 10/25GbE SFP28, OCP Mezz | Quanta_S5B_CX4Lx_25G_2P | 14.32.1010 |
| NIC | Mellanox ConnectX-5 Lx EN 100GbE QSFP28, PCIe x16 | MCX516A-CCA_Ax | 16.34.1002 |
| NIC | Mellanox ConnectX-6 Lx EN 25GbE Adapter Card, OCP | MCX631432AN-ADA_Ax-OCP | 26.34.1002 |
| NIC | Mellanox ConnectX-6 Lx EN 25GbE Adapter Card , PCIe x16 | MCX631102AN-ADA_Ax | 26.34.1002 |
| NIC | Mellanox ConnectX-6 VPI HDR100/EDR/ 100GbE Adapter Card, PCIe x16 | MCX653106A-ECA | 20.34.1002 |
| HBA Controller | Emulex LPe31002 FC HBA | Emulex_LPe31002-M6 | 14.2.673.40 |
| HBA Controller | Emulex LPe32002 FC HBA | Emulex_LPe32002-M2 | 14.2.673.40 |
| HBA Controller | Emulex LPe35002 FC HBA | Emulex_LPe35002-M2 | 14.2.673.40 |
| RAID Controller | Broadcom 9460-16i | AVAGO_MegaRAID_SAS_9460-16i | 51.22.0-4545 |

| Type | Name | Machine Name | Firmware Version |
|---|---|---|---|
| RAID Controller | Broadcom 9560-16i | MegaRAID_9560-16i_8GB | 5.300.02-4030 |
| RAID Controller | Broadcom SAS3516 2GB RAID Mezzanine | AVAGO_MegaRAID_SAS_PCI_Express_ROMB-QS-3516B | 5.100.00-2651 |
| RAID Controller | LSI Logic QS-3916 Card | Type_B_MegaRAID_(4G_DDR)_QS-3916B | 5.217.00-4086 |
| SAS Controller | Broadcom SAS9305-16i PCIe | LSI_SAS9305-16i | 16.00.09.00 |
| SAS Controller | Broadcom SAS9500-16i PCIe | LSI_SAS9500-16i | 31.00.00.00 |
| SAS Controller | LSI Logic QS-3216 Card | LSI_QS3216 | 16.00.09.00 |
| SAS Controller | LSI Logic QS-3816 Card | LSI_QS3816 | 26.00.00.00 |

## I/O cards supported by HA800 G2/G3/G6 series servers

UCP Advisor supports firmware upgrade of the I/O cards listed in the following table for HA810/HA820 G2 servers.

For detailed information about the listed I/O cards, see the Product Compatibility Guide for your system at: http://compatibility.hitachivantara.com.

**Supported I/O cards on HA810 G2 and HA820 G2 servers**

| Type | Name | Firmware Version |
|---|---|---|
| PCI NIC | INT I350 1GbE, 4p, BASE-T PCIe Adptr | 1.3682.0 |
| PCI NIC | INT E810 10/25GbE, 2p, SFP28 PCIe Adptr | 4.6 |
| PCI NIC | INT E810 10/25GbE, 4p, SFP28 PCIe Adptr | 4.6 |
| PCI NIC | INT E810 100GbE, 2p, QSFP28 PCIe Adptr | 4.6 |
| PCI NIC | MLX MCX512F 10/25GbE, 2p, SFP28 PCIe Adptr | 16.35.3006 |
| PCI NIC | MLX MCX623106AS 100GbE, 2p, QSFP56 Adptr | 22.41.1000 |

| Type | Name | Firmware Version |
|---|---|---|
| PCI NIC | BCM 57412 10GbE, 2p, SFP+ Adptr | 232.1.132.8 |
| PCI NIC | BCM 57414 10/25GbE, 2p, SFP28 PCIe Adptr | 232.1.132.8 |
| PCI NIC | BCM 57416 10GbE, 2,p BASE-T Adptr | 232.1.132.8 |
| OCP NIC | INT I350 1GbE, 4p, BASE-T OCP3 Adptr | 1.3682.0 |
| OCP NIC | INT E810 10/25GbE, 2p, SFP28 OCP3 | 4.6 |
| OCP NIC | INT E810 100GbE, 2p, QSFP28 OCP3 Adptr | 4.6 |
| OCP NIC | MLX MCX562A 10/25GbE, 2p, SFP28 | 16.35.3006 |
| OCP NIC | BCM 57412 10GbE, 2p, SFP+ OCP3 Adptr | 232.1.132.8 |
| OCP NIC | BCM 57414 10/25GbE, 2p, SFP28 OCP3 | 232.1.132.8 |
| OCP NIC | BCM 57416 10GbE, 2p, BASE-T OCP3 Adptr | 232.1.132.8 |
| HBA | HPE SN1100Q 16Gb 1p FC HBA | 14.2.589.21 |
| HBA | HPE SN1100Q 16Gb 2p FC HBA | 14.2.589.21 |
| HBA | HPE SN1200E 16Gb 1p FC HBA | 14.4.473.14 |
| HBA | HPE SN1200E 16Gb 2p FC HBA | 14.4.473.14 |
| HBA | HPE SN1610Q 32Gb 1p FC HBA | 09.12.01 |
| HBA | HPE SN1610Q 32Gb 2p FC HBA | 09.12.01 |
| HBA | HPE SN1610E 32Gb 1p FC HBA | 14.4.473.14 |
| HBA | HPE SN1610E 32Gb 2p FC HBA | 14.4.473.14 |
| Boot | NS204i-p | 1.2.14.1018 |
| Boot | NS204i-r | 1.2.14.1018 |

**Supported I/O cards on HA805/HA810/HA815/HA820/HA825 and HA840 G3 servers**

| Type | Name | Version |
|---|---|---|
| Boot | NS204i-u | 1.2.14.1018 |
| OCP NIC | INT I350 1GbE 4p OCP | 1.3682.0 |
| OCP NIC | INT E810 10/25GbE 2p OCP | 4.6 |
| OCP NIC | INT E810 10/25GbE 4p OCP | 4.6 |

| Type | Name | Version |
|---|---|---|
| OCP NIC | BCM 57412 10GbE 2p SFP+ OCP3 | 232.1.132.8 |
| OCP NIC | BCM 57412 10GbE 2p SFP+ Adptr | 232.1.132.8 |
| OCP NIC | BCM 57504 10/25GbE 4p SFP28 OCP3 | 232.1.132.8 |
| OCP NIC | BCM 57416 10GbE 2p BASE-T OCP3 Adptr | 232.1.132.8 |
| PCI NIC | INT I350 1GbE 4p PCIe | 1.3682.0 |
| PCI NIC | INT E810 10/25GbE 2p PCIe | 4.6 |
| PCI NIC | INT E810 10/25GbE 4p PCIe | 4.6 |
| PCI NIC | Mellanox ConnectX-6 10/25GbE 2p | 26.41.1000 |
| PCI NIC | Mellanox ConnextX-6 100G 2p | 26.41.1000 |
| HBA | SN1610E (Broadcom) 32Gb 2p FC HBA | 14.4.473.14 |
| HBA | SN1600E (Broadcom) 32Gb 1p FC HBA | 14.4.473.14 |
| HBA | SN1700E (Broadcom) 64Gb 2p FC HBA | 14.4.473.14 |
| HBA | SN1700E (Broadcom) 64Gb 1p FC HBA | 14.4.473.14 |

**Supported I/O cards on HA810 G6 and HA820 G6 servers**

| Type | Name | Version |
|---|---|---|
| Boot | HPE_NS204i-u_Gen11_Boot_Controller | 1.2.14.1018 |
| HBA | HPE_SN1700Q_64Gb_2p_FC_HBA | 2.10.09 |
| OCP NIC | Intel(R)_Eth_Ntwk_Adptr_OCP3.0_E810-XXVDA2 | 4.71 (0x8002003D) |
| PCI NIC | Broadcom_P225p_NetXtreme-E_Dual-port_10Gb/25Gb_Ethernet_PCIe_Adapter_-_NIC | 233.1.135.7 |
| PCI NIC | ConnectX-6_Dx_100GE_2P_NIC | 22.44.1036 |

## Supported GPU cards

The following topics list the GPU cards supported by UCP Advisor on the Hitachi Advanced Server models.

## GPU cards supported by DS120/DS220/DS225/DS240 and DS120/DS220 G2 server models

UCP Advisor supports the GPU cards listed in the following table for server models: DS120/ DS220/DS225/DS240 and DS120 G2/ DS220 G2.

| Server Model | Card Name | ESXi 7.0.x | ESXi 8.0.x |
|---|---|---|---|
| DS225 | NVIDIA Tesla M10 - Nvidia Virtual GPU Software for vSphere | 510.85.03 | 535.54.06 |
| DS225 | NVIDIA Tesla M60 - Nvidia Virtual GPU Software for vSphere | 510.85.03 | 535.54.06 |
| DS225 | NVIDIA Tesla P40 - Nvidia Virtual GPU Software for vSphere | 510.85.03 | 535.54.06 |
| DS225 | NVIDIA Tesla V100 - Nvidia Virtual GPU Software for vSphere | 510.85.03 | 535.54.06 |
| DS120/DS220/DS225<br>DS120 G2/DS220 G2 | NVIDIA Tesla T4 - Nvidia Virtual GPU Software for vSphere | 510.85.03 | 535.54.06 |
| DS220 G2 | NVIDIA Tesla A16 - Nvidia Virtual GPU Software for vSphere | 510.47.03 | 535.54.06 |
| DS220 G2 | NVIDIA Tesla A30 - Nvidia Virtual GPU Software for vSphere | 510.47.03 | 535.54.06 |
| DS220 G2 | NVIDIA Tesla A100-80G - Nvidia Virtual GPU Software for vSphere | 515.48.07 | 535.54.06 |
| DS220 G2 | NVIDIA Tesla A2 - Nvidia Virtual GPU Software for vSphere | 510.47.03 | 535.54.06 |

## GPU cards supported by HA800 G2/G3 series servers

UCP Advisor supports the GPU cards listed in the following table for server models: HA810/ HA820 G2 and HA805/HA810/HA815/HA820/HA825/HA840 G3 server models.

| Server Model | Card Name | ESXi 8.x |
|---|---|---|
| HA810 G2 | NVIDIA Tesla T4 | 535.54.06 |
| HA820 G2 | NVIDIA Tesla T4 | 535.54.06 |
| HA820 G2 | NVIDIA A16 | 535.54.06 |
| HA820 G2 | NVIDIA A40 | 535.54.06 |

| Server Model | Card Name | ESXi 8.x |
|---|---|---|
| HA820 G2 | NVIDIA A100 80GB PCIe | 535.54.06 |
| HA805 G3 | NVIDIA A2 | 535.54.06 |
| HA810 G3 | NVIDIA A2 | 535.54.06 |
| HA810 G3 | NVIDIA L4 | 535.54.06 |
| HA815 G3 | NVIDIA A2 | 535.54.06 |
| HA820 G3 | NVIDIA A16 | 535.54.06 |
| HA820 G3 | NVIDIA A40 | 535.54.06 |
| HA820 G3 | NVIDIA A100 | 535.54.06 |
| HA820 G3 | NVIDIA A100 80GB PCIe | 535.54.06 |
| HA820 G3 | NVIDIA L40 | 535.54.06 |
| HA820 G3 | NVIDIA L40S | 535.104.06 |
| HA820 G3 | NVIDIA H100 | 535.54.06 |
| HA825 G3 | NVIDIA A2 | 535.54.06 |

# Supported software

The UCP Advisor environment can include the following software programs. Before deploying UCP Advisor, verify that the required software is installed and configured.

| Required software | |
|---|---|
| **Software** | **Version** |
| VMware ESXi | 7.0u2/7.0u3g/8.0/8.0u1/8.0u1a/ 8.0u2/8.0u3/9.0 |
| VMware vCenter Server Appliance (VCSA) | 7.0u3p/8.0/8.0a/8.0u1/8.0u1a/ 8.0u2/8.0u3/9.0 |
| VMware Aria Operations for Logs | 8.18 |
| UCP Advisor Gateway | 9.6.0 |

| VMware software (optional) | |
|---|---|
| **Software** | **Version** |
| vSAN | 7.0.x/8.0 (same as vCenter version) |
| VMware NSX-T | 3.0.2.0.0.16887200 |

| Hitachi software (optional) | |
|---|---|
| **Software** | **Version** |
| Hitachi Remote Ops | 9.8 |

# OS security updates

The installation media for this release of the software contains the latest operating system security updates; however, you must keep the operating systems on the UCP Advisor VMs current with the latest security updates.

**Note:** You must apply OS security updates only to the UCP Advisor VMs that run a CentOS operating system.

For details on applying operating system security updates, see "Applying OS security updates" in the *Unified Compute Platform (UCP) Advisor Software Installation Guide*.

# Documentation

Product user documentation is available on the Hitachi Vantara Product Documentation Portal:

https://docs.hitachivantara.com/home

Check this site for the most current documentation, including important updates that may have been made after the release of the product.

For earlier versions of the documentation, contact Hitachi Vantara Support.

| Document | Part Number |
|---|---|
| Unified Compute Platform (UCP) Advisor Administration Guide | MK-92UCP119 |
| Unified Compute Platform (UCP) Advisor Software Installation Guide | MK-92UCP120 |

| Document | Part Number |
|---|---|
| Unified Compute Platform (UCP) Advisor REST API Reference Guide | MK-92UCP121 |
| Unified Compute Platform (UCP) Advisor Release Notes | RN-92UCP098 |

# Resolved issues

| Defect ID | Problem | Resolution |
|---|---|---|
| UC-6 | Unable to apply license for UCP Advisor 4.4 | Resolved in the current release. |
| UC-61 | Following vulnerabilities noticed in a customer environment:<br>▪ SSH Prefix Truncation Vulnerability (Terrapin)<br>▪ Birthday attacks against TLS ciphers with 64bit block size vulnerability (Sweet32)<br>▪ Deprecated SSH Cryptographic Settings<br>▪ Weak SSL/TLS Key Exchange | Resolved in the current release. |
| UC-138 | Redis Vulnerability CVE-2025-4984 | Resolved in the current release. |
| 8964 | Datastores on disconnected hosts are not filtered from lists in datastore operation wizards. | Resolved in the current release. |
| 11805 | Unable to retrieve ESXi datastore information for Detach FC datastore, Delete FC datastore, and Expand datastore operations. | Resolved in the current release. |

| Defect ID | Problem | Resolution |
|---|---|---|
| 11866 | After rebooting the UCP Advisor VMs, the UCP system status shows as `Failed`. | Resolved in the current release. |
| 12715 | After upgrading from UCP Advisor 4.2 to 4.2.1, the status of the UCP systems are in FAILED state. | Resolved in the current release. |
| 13128 | UCP Advisor displays `Unauthorized Access` and `Access is Forbidden` messages after restarting the porcelain pod. | Resolved in the current release. |
| 13203 | Unable to create global-active device pairs. | Resolved in the current release. |
| 14499 | After rebooting the cluster or the Master Node VM, the `ucpadmin` user is unable to run `kubectl` commands. | Resolved in the current release. |
| 15571 | Ethernet switch status intermittently changes to `Critical` and the UCP Advisor gateway log shows error `"msg":"max sessions reached"`. | Resolved in the current release. |
| 15676 | Creating an Ethernet switch VLAN takes more time than expected. | Resolved in the current release. |
| 15921 | MiniOS might not unmount after I/O Discovery or firmware upgrade failure. | Resolved in the current release. |
| 16310 | After restoring an Ethernet switch configuration, the Manage and Ports tabs do not display the updated VLAN and port information. | Resolved in the current release. |

| Defect ID | Problem | Resolution |
|---|---|---|
| 16682 | When resetting the BMC password from UCP Advisor after changing the ESXI password on the server side, unable to remotely access the ESXi local user account 'root' because of too many failed login attempts. | Resolved in the current release. |
| 17700 | The Import License operation fails with error: `The license system IDs do not match.` | Resolved in the current release. |
| 17382 | The server status shows as `Warning` for HA805/HA810/ HA815/HA820/HA825 G3 server models if the firmware version is at a higher version than the recommended version. | Resolved in the current release. |
| 17387 | On standalone bare metal servers in a UCP Advisor system, even though there is only one IPv4 address configured, the `apiserver_advertise_address` value in the `config.toml` file must be updated before installing UCP Advisor 4.5.0. | Resolved in the current release. |
| 17561 | The Compute page Refresh operation fails for read-only users. | Resolved in the current release. |
| 17589 | Unable to delete a mounted datastore. | Resolved in the current release. |
| 17624 | The System Status indicator for UCP systems in the list view always shows green even if a system device is in a `Failed` or `Warning` state. | Resolved in the current release. |

| Defect ID | Problem | Resolution |
|---|---|---|
| 17648 | Pool deduplication can be enabled for storage systems that do not support it and the task status shows it to be successful, but the events message shows that the storage pool is not supported or applicable for deduplication. | Resolved in the current release. |
| 17668 | The label for Ethernet and Fibre Channel switches becomes N/A when toggling between Tile view and Table view. | Resolved in the current release. |
| 17679 | On the Compute > Summary tab for DS225 servers, the BMC firmware recommended in the tooltip is incorrect. | Resolved in the current release. |
| 17684 | Intermittently unable to delete a zone configuration; no event message of explanation. | Resolved in the current release. |
| 17893 | The DS220 G1/G2 server's status incorrectly displays as `Normal` even when they are in a downgraded state. | Resolved in the current release. |
| 18135 | The following operations are not supported on the HA840 G3 server model:<br>▪ Edit BMC Settings<br>▪ Discover I/O Cards<br>▪ Import BMC Settings<br>▪ Bulk Apply BIOS Settings | Resolved in the current release. |
| 18051 | If the `BindDN` password for the Active Directory is changed or expired, and when you try to access the Permissions, Local Users, or Local Groups tabs from the Settings > Manage Users | Resolved in the current release. |

| Defect ID | Problem | Resolution |
|---|---|---|
| | menu, the following message is displayed:<br>`Internal Server Error` | |
| 18324 | When you try to add a compute node either to a UCP system or the Spare Pool, the following error might be displayed:<br>`A server with BMC address <BMC Address> already exists in the inventory.` | Resolved in the current release. |
| 18384 | After rebooting the Master Node VM, UCP Advisor displays a blank page when you try to access the VMware Integration page from the Settings menu | Resolved in the current release. |
| 18425 | After installing UCP Advisor, when you try to reset the default password for the first time, the following error message is displayed:<br>`System Error, Please try the operation again.` | Resolved in the current release. |
| 18765 | When you add an HA840 G3 server model to UCP Advisor, the `Upgrade Firmware` option is enabled, even though the firmware is already at the latest version. | Resolved in the current release. |
| 20348 | Unable to download the configuration report and the UCP Advisor onboarding sheet after configuring a new vSAN cluster on a hyperconverged (HC) system using the Service Console. | Resolved in the current release. |

| Defect ID | Problem | Resolution |
|---|---|---|
| 20411 | When you onboard HA800 G2/G3 series servers to a system, the auto discovery of I/O cards might fail with the following error:<br>`Unable to discover server I/O cards. Verify that the boot order is restored correctly, and the server is powered on. Manually exit the server from maintenance mode.` | Resolved in the current release. |
| 24333 | Updating peer zone members for Fibre Channel switch fails. | Resolved in the current release. |

# Known issues

| Defect ID | Problem | Workaround |
|---|---|---|
| 12909 | Active Directory users cannot log in to UCP Advisor when the primary domain controller is unavailable. | Currently there is no workaround. |
| 13199 | When a system gateway is disconnected, the health status and the onboard status of the devices in that system do not refresh immediately. | After the gateway is back online, browse to the system, and then click the Refresh System icon on the Summary tab. |
| 15494 | When upgrading compute firmware on HA810/HA820 G2 servers, the target version of the I/O cards is not displayed. | Currently there is no workaround. |
| 17438 | UCP Advisor plug-in cannot be accessed by vCenter users with read-only privileges. | Currently there is no workaround. |

| Defect ID | Problem | Workaround |
|---|---|---|
| 17493 | Refreshing the compute BMC does not initiate an NTP refresh task. | From the Actions menu in the Tile view or List view for the compute device, click Refresh to manually refresh the compute device. |
| 19978 | When you upgrade firmware or discover I/O cards on DS*xxx* server models, the following error message might be displayed:<br>`The boot order has been restored, but it differs from the initial boot order.` | From the Compute > BIOS tab, manually set the boot order by applying the appropriate BIOS template. |
| 19985 | When you move the HA800 G2/G3 series server models from Spare Pool to a system, the Discover I/O cards operation is not initiated automatically. | Manually perform the discover I/O cards operation. |
| 20115 | When you navigate to the Inventory > System > Fibre Channel > Summary page, the following error might be displayed:<br>`Device fibre-7eace4e92461596b5ded09aa101494a0 is not found with partner apiadmin.` | 1. Remove the Fibre Channel switch from the system.<br>2. Reassign the Fibre Channel switch to the system from the Infrastructure Spare Pool. |
| 20155 | The Refresh icon in the Compute > Events tab does not refresh the compute events immediately after a task is completed. | From the Actions menu in the Tile view or List view for the compute device, click Refresh. |
| 20200 | The Compute > Local Drives tab does not display the details for failed system drives or failed RAID drives. | Verify the Hard Disk Status in the Compute > Summary tab. If the status is not `Normal`, log on to the server BMC and verify the faulty drives. |

| Defect ID | Problem | Workaround |
|---|---|---|
| 20216 | After you onboard a device to a system or upgrade the device firmware, the device status on the Inventory > System > Summary page and the device status of individual devices might differ. | Wait for 10 to 15 minutes or from the Actions menu in the Tile view or List view for the device, click Refresh. |
| 20228 | After you delete all the firmware bundles from UCP Advisor and upload any firmware bundle again, the Get firmware bundle details task might fail. | Retry uploading the firmware bundle. |
| 20329 | When you change the ESXi details or register vCenter after onboarding the compute device, the vCenter details are not displayed on the compute summary page. | From the Actions menu either in the Tile view or List view, click Refresh to refresh the compute device information. |
| 20408 | After migrating UCP Advisor to the current release, you might see the following errors:<br>▪ `User role allocation failed`<br>▪ `Adding a group failed` | Ignore these errors as it does not impact any functionality. |
| 20741 | When you onboard a compute device to the Spare Pool using FQDN and later try to assign it to a system, the following error is displayed in the Tasks tab:<br>`Exception Adding Device to UCP System.` | 1. Remove the compute device from the Spare Pool.<br>2. Onboard the compute device to the system directly using FQDN. |
| 21840 | Assigning over 100 devices from the Spare Pool to a system takes approximately 100 minutes. | Currently there is no workaround. |

| Defect ID | Problem | Workaround |
|---|---|---|
| 22824 | Upgrading firmware on DS120/DS220, DS120/DS220 G2, DS225, and DS240 server models might fail if I/O cards are discovered before upgrading the firmware. | Verify that the server is powered-on. If the server is powered-off, power it back on and then retry upgrading the firmware. |
| 22876 | Upgrading firmware on Brocade Fibre Channel switch fails with the following error:<br>`Unable to upgrade network device <Device IP address>, SCP server <SCP server IP address> because of Timeout exceeded while awaiting headers. Try rebooting the device.` | 1. Using SSH, log on to the Fibre Channel switch.<br>2. Reboot the Fibre Channel switch, and then retry upgrading the firmware. |
| 22884 | When a firmware upgrade on a server fails and you attempt to upgrade the firmware again, the Tasks page displays the following error message:<br>`Firmware upgrade for the server <server IP address> is already in progress. Aborting the task.` | Wait for at least an hour after the last failed firmware upgrade, and then retry the operation. |
| 22985 | When configuring a vCenter cluster using the service console, the system may become unresponsive. | Rerun the service console workflow from the beginning, and select the Set Up New vCenter option. |
| 22992 | The Systems > System name > Compute > Compute label name navigation does not display the the complete label name if it contains a period. | Currently there is no workaround. |

| Defect ID | Problem | Workaround |
|---|---|---|
| 23049 | Operating system provisioning is not supported if UCP Advisor or the remote gateway is configured with FQDN. | Currently there is no workaround. |
| 23076 | Uploading an operating system image might fail with the following error:<br>`An error occurred during the conversion process for ISO image '<ISO image>' to Canonical MAAS deployable format.` | Retry uploading the operating system image. |
| 23469 | Upgrading firmware on HA800 G2/G3 server models might fail without displaying any error message in the Tasks tab. | Retry upgrading the firmware. |
| 23470 | Applying BIOS settings to multiple compute nodes might fail intermittently after the first batch of five nodes is completed. | Reapply the BIOS settings. |
| 23488 | Upgrading firmware on DS120/DS220, DS120/DS220 G2, DS225, and DS240 server models might fail with one of the following errors:<br>`BIOS firmware could not be validated.`<br>or<br>`Updated BMC firmware validation failed.` | Verify that the server is powered-on. If the server is powered-off, power it back on and then retry upgrading the firmware. |
| 23505 | After provisioning an ESXi operating system on a compute device, the ESXi IP address is not reachable. | 1. Log on to the iLO of the compute device. |

| Defect ID | Problem | Workaround |
|---|---|---|
| | | **2.** Log on to the ESXi DCUI console using the default password: `w0ZA9DbShmwfbVW!.`<br>**3.** Restore the network settings:<br>▪ If the Configure Management Network option is disabled, click Network Restore, and then click Restore Network Settings.<br>▪ If the Configure Management Network option is enabled, manually configure the network.<br>e, and then restore the network settings. |
| 23513 | The OS Provisioning Task > Status shows the operating system provisioning status as `In Progress` even when the provisioning has actually failed. | Perform one of the following steps:<br>▪ Using SSH log on to the UCP Advisor VM, and run the following command:<br>`curl -X 'DELETE' \ 'https://<UCP Advisor IP Address or Gateway IP Address>:23029/bmop/v3/machine/delete/<device-id>' \ -H 'accept: application/json' \ -H 'ucpGatewayIp: <gateway-ip>' \ -H 'Authorization: curl -X 'DELETE' \ 'https://<UCP Advisor IP Address or Gateway IP Address>:23029/bmop/v3/machine/delete/<Compute device IP address on which the provisioning failed>' \ -H 'accept: application/json' \ -H 'ucpGatewayIp: 172.25.92.133' \ -H 'Authorization: <auth-token>`<br>▪ **1.** Access the REST API in Swagger at:<br>`https://<UCP Advisor-vm-ip-address>/bmop/v3/swagger-ui/index.html/`<br>**2.** Expand the machines collection, and then click DELETE /machine/delete/{resourceId}.<br>**3.** Click Try it out.<br>**4.** In the payload pane, enter the |

| Defect ID | Problem | Workaround |
|---|---|---|
| | | following:<br>▪ ucpGatewayIp: Enter the UCP Advisor or the gateway IP address.<br>▪ resourceId: Enter the IP address of the compute device for which the provisioning failed.<br>**5.** Click Execute. |
| 23564 | When configuring DHCP settings on a system that has the local gateway or the remote gateway configured with FQDN instead of IPv4 address, the following error might be displayed:<br>`Internal Server Error` | Update the local gateway or the remote gateway for the system with IPv4 address, and then try configuring the DHCP settings on the system. |
| 23619 | Adding a host group to a resource group might fail intermittently. | Retry adding the host group to the resource group. |
| 23951 | Unable to log in as a `ucpadmin` user after upgrading UCP Advisor to 4.7 | Clear the browser cache and perform a hard refresh. Alternatively, close and reopen the browser session, and then retry logging in. |
| 24298 | On HA800 server models, the firmware upgrade shows as In-Progress on the server, even though it shows as Completed in UCP Advisor. | Log on to the server iLO and verify the ESXi status:<br>▪ If ESXi is not running, manually reboot the server.<br>▪ If ESXi is running, verify that the server firmware has been updated to the latest version. |
| 24299 | Deleting an Identity Provider fails if an Identity Source is still configured. | Delete the Identity Source first, and then the Identity Provider. |
| 24309 | When you are onboarding a compute device to UCP | Ignore the error as it does not impact any functionality. |

| Defect ID | Problem | Workaround |
|---|---|---|
| | Advisor, you may see the following error:<br>`Remote Services is not available to process the request at the moment.` | |
| UC-150 | IO card discovery and firmware upgrades fail on the following server models when Secure Boot is enabled:<br>▪ DS120<br>▪ DS220<br>▪ DS225<br>▪ DS240<br>▪ DS120 G2<br>▪ DS220 G2 | Disable Secure Boot on the server, then complete the IO card upgrade or IO card discovery process. |

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