Clear Image Deleted Alerts

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Introduction

This document describes three methods to clear image-deleted alerts on the Unified Computing System Manager Domain.

Requirements

Cisco recommends that you have knowledge of these topics:

• Unified Computing System Manager Domain (UCSM).

Components Used

- UCS Manager.
- Managing policies in UCSM.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

Image-deleted error messages are caused by the removal of firmware bundle packages that are still referenced within a Host Firmware package.

| T Filter Ty Adv | vanced Filter 🔶 Export 💮 | Print Hide Fault Details | 1 | | | 0 |
|-------------------|--------------------------|--------------------------|--|----------------------|--------------------------|-----------------------|
| Severity | Code | ID | Affected object | Cause | Last Transition | Description |
| v | F0436 | 66868901 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v_ |
| v | F0436 | 66868899 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| v | F0436 | 66868897 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| v | F0436 | 66868895 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| Total: 104 Select | ted: 1 | £009933 | © 1 2 3 | image deleted | 2022.11.16T16.00.9/ | 10 25 50 All + |
| Details | | | | | | |
| Summary | | Properties | | | | 2 |
| Severity | : 🔻 Major/None | Affected ob | ect : org-root//w-host-p M84-4P adaptor | ack-test_HFF_pack-in | mage-Cisco Systems Inc U | CSB-VIC- |
| Last Transitio | n : 2023-11-16T16:09:20Z | Description | : adaptor image with 5.2(3e) is deleted | vendor Cisco System | s Inc, model UCSB-VIC-M8 | 4-4P and version |
| Actions | | ID | 66868901 | Type | managen | nent |
| Acknowledge | Fault | | | - | | |

Troubleshooting Methods

Re – Install Package Bundle

Step 1. Download the software bundle from software.cisco.com.

Step 2. To see the image-deleted fault, navigate to the Equipment tab > Faults and select the alert.

| Filters | \otimes | ▼ Filter ▼/ Adv | ranced Filter 🛉 Export 🎂 Pr | int Hide Fault Details | | | | |
|--------------------|-----------|-------------------|-----------------------------|------------------------|--|------------------------|-------------------------------|--|
| Severity | ₩ ^ | Severity | Code | ID | Affected object | Cause | Last Transition | Description |
| Show All | | V | F0436 | 66868901 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| Critical | | v | F0436 | 66868899 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| V Wajor | | v | F0436 | 66868897 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| Warning | | v | F0436 | 66868895 | org-root/fw-host-pa | image-deleted | 2023-11-16T16:09:20 | adaptor image with v |
| Info | | Total: 104 Select | EDADE red: 1 | 60999933 | © 1 2 3 | imanaurlalatart 6 🛞 | 202-00-317-16-10-20 | hosed-controllar ims 10 25 50 All |
| Condition | | Details | | | | | The name of host | firmware deleted |
| Soaking | | Summary | | Properties | | | image | gaolocoa |
| Suppressed | | Severity | : 🐺 Major/None | Affected obje | ct : org-root (w-host-pr | ack-test_HFP/pad | ck-image-Cisco Systems Inc/UC | CSB-VIC- |
| Category All | 73 | Last Transitio | n: 2023-11-16T16:09:20Z | Description | adaptor image with 5.2(3e) is deleted | vendor Cisco Sys | tems Inc, model UCSB-VIC-M84 | 1-4P and version |
| Generic Server | | Acknowledge | Fault | — D | : 66868901 | Тур | e : managen | nent |

Step 3. Navigate through the **Equipment tab > Firmware Management > Downloads tasks**, then click on **Add** near the bottom of the screen to download the bundle.



Re-download the package

Delete Policy

Step 1. Navigate to the specific policy that the affected object is referencing.

| Filters | \otimes | TFilter Ty Adv | vanced Filter 🛧 Export 🖶 P | rint Hide Fault Details | | | | 4 |
|--------------------|-----------|-------------------|-----------------------------|-------------------------|---|--|---|------------------------|
| Severity | 75 ^ | Severity | Code | ID | Affected object | Cause | Last Transition | Description |
| Show All | | V | F0436 | 66863594 | org-root/fw-host-pa | image-deleted | 2023-11-16T14:24:16 | storage-controller im |
| Critical | | v | F0276 | 65282558 | sys/switch-A/slot-2/ | link-down | 2023-10-05T15:23:05 | ether port 2/8 on fab |
| V Major | | v | F0277 | 65282557 | sys/switch-A/slot-2/ | port-failed | 2023-10-05T15:23:05 | ether port 2/6 on fab |
| Warning | | V | F0276 | 65282556 | sys/switch-A/slot-2/ | link-down | 2023-10-05T15:23:0§ | ether port 2/5 on fab |
| | | v | E0374 | 65769297 | evelowitch. Almeria 9 | anuinmant_innnarshla | 2022-10-05711-50-45 | Dresser cumple 7 in fa |
| Condition | | Total: 30 Selecte | d: 1 | | © (1) 2 © | Image- | deleted faults | with 25 50 All - |
| Cleared | | Details | | | **** | the nam | ne of host firm | ware |
| Soaking | | Summary | | Properties | | | policy | |
| O Suppressed | | Severity | : 👽 Major/None | Affected object | : org-root fw-host-pa | ack-4.11c/pack-image-l | LSI Logic Symbios Logic | LSI MegaRAID |
| Category | 75 | Last Transitio | n: 2023-11-16T14:24:16Z | Description | SAS 2208 ROMBISTO storage-controller in SAS 2208 ROMB and | rage-controller mage with vendor LSI Lo I version 23.33.1-0058[5 | gic Symbios Logic, mod 5.49.03.0 NA is deleted | el LSI MegaRAID |
| Generic Server | | Actions | Fault | | : 66863594 | Туре | : managen | nent |

Step 2. Navigate through Servers tab > Policies > Host Firmware Packages and select the affected policy.

Step 3. Under the previously selected affected policy, click **"Show policy Usage"** to confirm no current service profiles or templates are using this policy.

| | Servers | General Events | | | | | | |
|----------------|---|---|--|---|---|--------------------|------------|-----|
| * | Service Profiles Service Profile Templates Policies root ③ Adapter Policies | Actions Delete Show Policy Usage Use Global | Properties Name : 4.1 Description : | 16 | | | | _ |
| | BIOS Defaults BIOS Policies Boot Policies Diagnostics Policies Graphics Card Policies det Eirminere Declarges | Modify Package Versions Modify Backup Package Version | Blade Pack: En s Rack Packa Service Pack : | sure that this policy not being used | IS ade Backup Package : ick Backup Package : | | | |
| J ₀ | 4.11c default test_HFP IPMI/Redfish Access Profiles KVM Management Policies Local Dirk Confor Policies | Adapter CIMC BIO 7 Advanced Filter Export Select Vendor Cisco System | S Board Controller FC Ad | PID Presence N20-AE0102 N/A | e Backup Version | GPUs S Version | SAS Expar> | * |
| | Kaintenance Policies Management Firmware Packages | Cisco Syst | stems Inc Cisco UCS M72KR | N20-AQ0102 N/A | | <not set=""></not> | * | , · |

Service Profiles/Templates Including 4.11c

|--|

The policy 4.11c is included in the service profiles/templates listed in the table below.

| Name | Assoc State | Overall Status | Server |
|------|-------------|-------------------|----------------|
| | | No data available | |
| | | Ensure that | this nolicy is |

Step 4. Select delete.





Note: As a best practice, ensure that the package version is not currently in use in any service profile template by selecting show policy usage. If it is not in use, proceed to delete the policy by right-clicking on it and selecting delete.

Modify Package Version

Step 1. Navigate through **Servers tab > Policies > Host Firmware Packages >** On the right pane, select the affected policy then click on **Info**.

| _ | - Senere A | Host Firmware Pack | ages | | | | | |
|---|---|--------------------------------|-------------------------|--------|-----------------|----------|---------|---|
| | Service Profiles | + - 🏷 Advance | ed Filter 🔶 Export 🌰 Pr | int | | | | ٥ |
| 묾 | Service Profile Templates | Name | Туре | Vendor | Model | Presence | Version | |
| | Policies root ⑦ Adapter Policies BIOS Defaults BIOS Policies Boot Policies Diagnostics Policies Graphice Carel Policies | • 4.11c default test_HFP | | | | | | |
| | Host Firmware Packages 4.11c default test_HFP IPMI/Redfish Access Profiles KVM Management Policies Local Disk Config Policies | | | ÷ A4 | d ⊡ Delete ® ko | | | |
| | Maintenance Policies Management Firmware Packages | | | | 0 | | | |

Step 2. Under the affected policy previously selected, click on **"Show policy Usage"** to confirm no current service profiles or temples are using this policy.

| Actions | | Properties | | | | | | | |
|--|--------------------|--|-----------------------------------|----------------|------------------------------|--------------------|------|--------------|------|
| Delete Show Policy Usage Use Global | | Name : 4.11c Description : | | | | | | | |
| Modify Package Versic Modify Backup Packag | ons ge Versions | Blade Package : Rack Package : Service Pack : | 4.1(1c)B | En | sure that this p being us | oolicy is no ed | ot | | |
| Adapter CIM | C BIOS Boa | rd Controller | FC Adapters | HBA Option ROM | Storage Controller | Local Disk | GPUs | SAS Expander | > > |
| Advanced Filter 🔺 | Export 💮 Print | | | | | | | | ۵ |
| slect | Vendor | Model | PID | e | Presence | Backup Version | Vers | sion | |
| ~ | Cisco Systems Inc | Cisco UCS N | 172KR-E N20 | 0-AE0102 | present | | | 0.803.19 | î |
| 1 | Cisco Systems Inc | Cisco UCS N | 172KR-Q N20 | 0-AQ0102 | present | | | | |
| | Gisco aysiems inc | | | | | ок | | Cancel | Help |
| Service Profiles | rofiles/Ter | nplates l | Includir | ng 4.11c | | ОК | | Cancel | Help |
| Service Profiles | rofiles/Ter | nplates ervice profiles/ | Includir /templates lis | ng 4.11c | pelow. | ОК | | Cancel | Help |
| Service Profiles Service Profiles The policy 4.11c i Advanced Filte Name | rofiles/Ter | nplates ervice profiles/ Print Assoc St | Includir /templates lis ate | ng 4.11c | pelow. Overall Status | ΟΚ | Ser | Cancel | Help |

Step 3. Select **"Modify Package Versions"** and, either remove or replace the Blade or Rack Package bundle it is referencing, then choose **"Apply"** to save the changes.

| Properties for: 4.110 | Modify Package Versions | × | |
|---|---|---|--------|
| General Events | Blade Package : | | |
| Actions | Rack Package : <not set=""> Service Pack : 4.1(3b)B</not> | | |
| Delete Show Policy Usage Use Global | The images from Service Pack will take precedence Excluded Components: | e over the images from Blade or Rack Package | |
| Modify Package Versions Modify Backup Package Versions | Adapter BIOS Board Controller CIMC FC Adapters Flex Flash Controller | Set it to <not set=""> or to the correct version that exist</not> | |
| Adapter CIMC BIOS | GPUs HBA Option ROM Host NIC | GPUs | SAS |
| Select Vendor | Host NIC Option ROM | Ve | ersion |
| Cisco Sys | NVME Mswitch Firmware PSU | 10 | |
| Cisco Sys | | 4 | |
| | | OK Apple Cancel Help | Cano |



Note: The previously mentioned troubleshooting steps are not disruptive.

Related Information

Clear "Image Deleted" Alerts Video

Managing host firmware packages

software.cisco.com