

PSN # PSN006319u

Original publication date: 27-Aug-2024. This is Issue #01, published date: 29-Aug-2024. Severity/risk level **Low** Urgency **Immediately**

### Name of problem

R21 Add Disk does not allocate disk properly

### Products affected

CMS 21.x

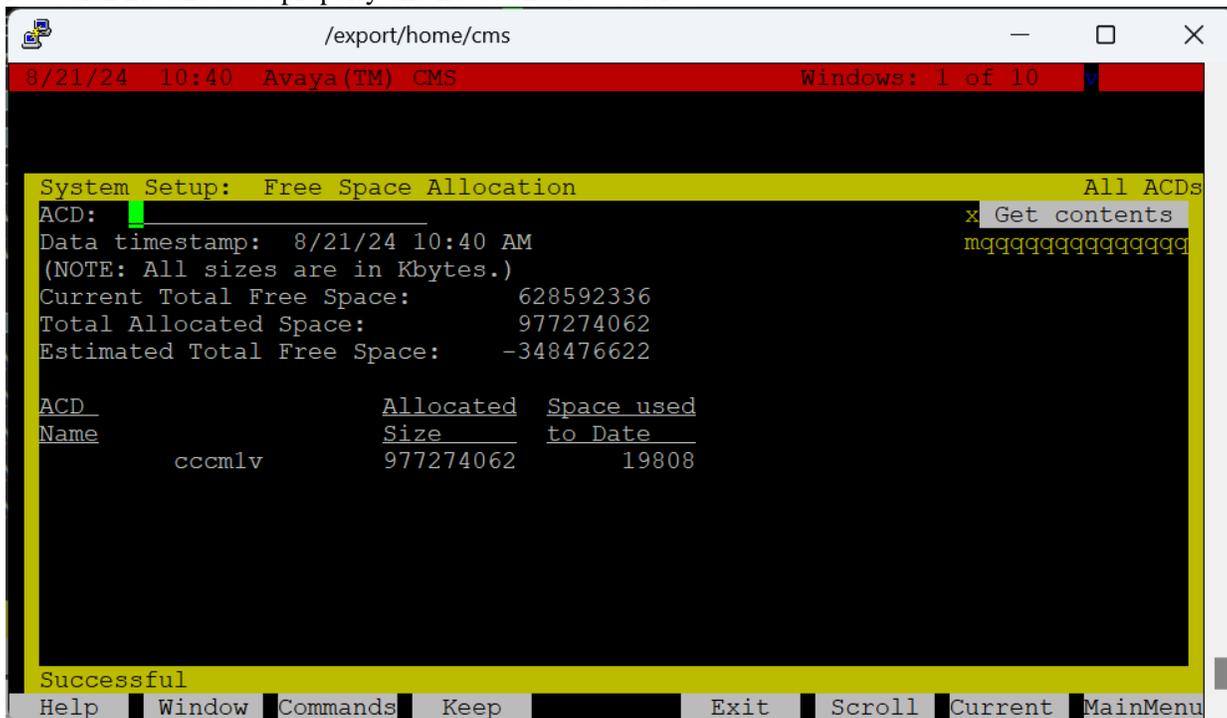
### Problem description

In CMS R21 when adding new disks using /opt/informix/bin/dbinit.sh add\_disks the new disks appear to be added but are not allocated properly to Informix.

Commnad appears to work correctly.

```
(root)-(root)=# /opt/informix/bin/dbinit.sh add_disks
Wed Aug 21 12:00:57 EDT 2024 Adding disks to cmsdbs started
Wed Aug 21 12:00:57 EDT 2024 remove raw device mapping for /dev/raw/raw2
/dev/raw/raw2: bound to major 0, minor 0
creating Informix chunk for new disk. Disk space verification may take a few minutes.
new disk /dev/sdb was successfully added to cmsdbs
Wed Aug 21 12:00:59 EDT 2024 New disk(s) were successfully added to cmsdbs
```

New disk not allocated properly and not available to CMS.



This problem is caused by a defect in the R21 version of dbinit.sh utility (add\_disks function). The defect results in a small chunk being added, leaving the rest of the disk unused.

### Resolution

As a short term solution, until this issue is resolved in the next CMS R21 update, copy the provided file to the R21 CMS servers where you need to do add\_disks and run it as root, e.g., assuming you copied it to /tmp, do,

- (cmsr21)-(root)=# sh /tmp/CMS-8923.patch

The patch script contains one file: /opt/informix/bin/dbinit.sh.

After applying the patch, please verify the MD5 sum of dbinit.sh, ie,

- (cmsr21)-(root)=# md5sum /opt/informix/bin/dbinit.sh

It should be: ca7732496df25aa07b85a4636a3e4620

NOTE: the installation of this CMS patch does not requires a restart of CMS.

The patch script is available here:

- [CMS R21 CMS-8923 Patch](#) (CMS-8923.patch)

#### Workaround or alternative remediation

N/A

#### Remarks

## Patch Notes

The information in this section concerns the patch, if any, recommended in the Resolution above.

#### Backup before applying the RPM Updates

n/a

#### Download

n/a

#### Patch install instructions

Service-interrupting?

n/a

n

#### Verification

n/a

#### Failure

n/a

#### Patch uninstall instructions

n/a

## Security Notes

The information in this section concerns the security risk, if any, represented by the topic of this PSN.

#### Security risks

#### Avaya Security Vulnerability Classification

#### Mitigation

n/a

**If you require further information or assistance please contact your Authorized Service Provider, or visit [support.avaya.com](https://support.avaya.com). There you can access more product information, chat with an Agent, or open an online Service Request. Support is provided per your warranty or service contract terms unless otherwise specified in the Avaya Support [Terms of Use](#).**

**Disclaimer:** ALL INFORMATION IS BELIEVED TO BE CORRECT AT THE TIME OF PUBLICATION AND IS PROVIDED “AS IS”. AVAYA LLC, ON BEHALF OF ITSELF AND ITS SUBSIDIARIES AND AFFILIATES (HEREINAFTER COLLECTIVELY REFERRED TO AS “AVAYA”), DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND FURTHERMORE, AVAYA MAKES NO REPRESENTATIONS OR WARRANTIES THAT THE STEPS RECOMMENDED WILL ELIMINATE SECURITY OR VIRUS THREATS TO CUSTOMERS’ SYSTEMS. IN NO EVENT SHALL AVAYA BE LIABLE FOR ANY DAMAGES WHATSOEVER ARISING OUT OF OR IN CONNECTION WITH THE INFORMATION OR RECOMMENDED ACTIONS PROVIDED HEREIN, INCLUDING DIRECT, INDIRECT, CONSEQUENTIAL DAMAGES, LOSS OF BUSINESS PROFITS, OR SPECIAL DAMAGES, EVEN IF AVAYA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

THE INFORMATION PROVIDED HERE DOES NOT AFFECT THE SUPPORT AGREEMENTS IN PLACE FOR AVAYA PRODUCTS. SUPPORT FOR AVAYA PRODUCTS CONTINUES TO BE EXECUTED AS PER EXISTING AGREEMENTS WITH AVAYA.

All trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of Avaya LLC.  
All other trademarks are the property of their respective owners.