

vRealize Business for Cloud 7.5 Release Notes

vRealize Business for Cloud | 20 September 2018 | Build 10043545

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Check for additions and updates to these release notes.

What's in the Release Notes

The release notes cover the following topics:

- [What's New](#)
- [Important Information](#)
- [Documentation](#)
- [Resolved Issues](#)
- [Known Issues](#)

What's New

Enhancements to Business Unit Mapping

- Mapping of users to business units has been simplified, you can now select the users with business controller role and map the user with the available business units as per your requirement.
- Default business units associated with a user are listed under **Business Units** > **Selected** section. You cannot modify the default business units associated with a business user.

Enhancements to Licensing Cost for Windows Server 2016

- New category in licensing costs for Windows 2016 is included, you can now enter cost per core.
- You can now identify and categorize the VMs either into pre 2016 (socket based) operating system, or post 2016 (core based) operating system
- .

Enhancements to Customized Reports

- Filter and group-by options in reports can be used simultaneously. Earlier when you wanted to move from Groupby and Charts tab to Filter or vice versa, you would be prompted with a warning message, only on selecting Yes, the selected columns would be cleared and you would be able to navigate to the other tab.

Detailed API Documentation using Swagger

- You can now access the documentation for internal APIs using Swagger. You can access API documentation from `https://<VRB>/itfm-cloud/swagger-ui.html`.

Support for Patch Management

- vRealize Business for Cloud 7.5 now supports Patch management. Patch management involves installation and removal of software patches to fix existing issues and address security vulnerabilities.

Support for Certificate Management

- vRealize Business for Cloud 7.5 supports certificate management through vRealize Life Cycle Manager. To know more about certificate management, refer [vRealize Life Cycle Manager Documentation](#).

Important Information

- Before upgrading to vRealize Business for Cloud 7.5, you must read the KB article [2151835](#).
- If you are running a vRealize Business for Cloud 6.x.x version, a direct upgrade is not supported. You must first upgrade to vRealize Business for Cloud 7.3.1 and then upgrade to 7.5 release.

Documentation

- [VMware vRealize Business for Cloud Installation and Administration Guide](#)
- [VMware vRealize Business for Cloud User's Guide](#)
- [VMware vRealize Business for Cloud Troubleshooting Guide](#)

Resolved Issues

The resolved issues are grouped as follows.

- [Upgrade Issues](#)
- [Migration Issues](#)
- [Integration Issues](#)
- [Configuring and Provisioning Issues](#)
- [User Interface Issues](#)

Upgrade Issues

- **If you are using the VMware Identity Manager integrated vRealize Business for Cloud setup, after 7.3.1 upgrade, the administrator user has read-only permissions, instead of all permissions.**

After you upgrade VMware Identity Manager integrated vRealize Business for Cloud setup to 7.3.1, though you log in as an administrator user, you cannot perform administrator tasks.

Workaround: vRealize Business for Cloud 7.3.1 creates a new user group by the name `vRBC_Administrator`. You must add the administrator user to this new group to perform all administrator tasks.

- **After vRealize Business for Cloud 7.3.1 upgrade, vCloud Director pricing policies are not retained.**

When you upgrade vRealize Business for Cloud 7.3.1, vCloud Director pricing policy values that you had defined are not available.

Workaround: You must redefine the pricing values.

- **After vRealize Business for Cloud 7.3.1 upgrade, the addition of NSX Manager does not trigger the cost calculation automatically.**

After you upgrade vRealize Business for Cloud 7.3.1, when you add a NSX Manager, the data collection completes and shows green indication. However, cost calculation does not trigger automatically and you do not see the cost changes on the UI.

Workaround: Trigger the cost calculation for NSX manually or wait until the next default cost calculation completes.

- **After upgrade, you do not see Azure endpoints that were added in the earlier version of vRealize Business for Cloud.**

After you upgrade vRealize Business for Cloud, you do not see the Azure endpoints on the upgraded setup.

This issue happens when you have an Azure endpoint without completing the data collection process. All Azure endpoints must have completed the data collection process at least once (irrespective of successful or unsuccessful process). You must add all the Azure endpoints in the upgraded vRealize Business for Cloud setup.

Workaround: Modify the default values to the required values after the upgrade.

Migration Issues

- **After migration, the public cloud costs for the sample group virtual machines are reduced.**

After you migrate from 6.2.3, you see the reduced costs for the public cloud sample groups under the Planning section. Also, though you had set the service offerings as Dedicated Cloud or Virtual Private Cloud, the service offering is changed to On Demand after migration.

Workaround: To get the correct cost, you must manually change the service offering according to the previous setting after migration.

- **After migration, the pricing policy names are not visible in the vRealize Automation virtual machines report.**

Since the 6.2.3 version did not support pricing policies, after you migrate 6.2.3 to the later releases, the Pricing Policy Name column displays an empty field value.

Note: The empty policy name appears only for the month when you completed the migration or when or the pricing policy has changed. However, you see the policy names in the later months.

Integration Issues

- **The monit command shows incorrect status about data collectors.**

Though the data collectors are running, the `monit` summary command might show incorrect status stating that the service is not running.

The issue occurs when the `PID` file for data collectors is missing in the `/usr/local/tcserver/vfabric-tc-server-standard/itbm-data-collector/logs` directory.

Workaround: To fix the issue, restart the vRealize Business for Cloud virtual appliance.

Configuring and Provisioning Issues

- **Incorrect endpoint name is displayed for vCloud Director provisioned virtual machines in the vRealize Automation Virtual Machine report**

vRealize Automation Virtual Machine report displays vCloud Air as the endpoint for the virtual machines provisioned in vCloud Director through vRealize Automation 6.2.5.

- **Incorrect count of network service policy is displayed after deletion of a policy.**

After you delete a network policy from the Edit Pricing page, the count is not reduced under the **Pricing > Other Private Cloud Services** section.

- **Incorrect count of VMs or virtual data centers (vDC) is displayed after deletion of VMs, vDCs, or organization.**

After you delete a VM, vDC, or an organization, the VM count does not reduce under the **Consumption > Pricing > Edit Pricing** section.

User Interface Issues

- **You do not see the VMware Cloud on AWS logo on Internet Explorer.**

If you are using Internet Explorer, when you attempt to add VMware Cloud on AWS for cost comparison on the Manage Cloud Providers screen, you do not see an icon.

Workaround: Use a different browser such as Mozilla Firefox, Google Chrome, and Microsoft Edge.

Known Issues

The known issues are grouped as follows.

- [Policy Issues](#)
- [vCloud Director Issues](#)
- [Upgrade Issues](#)
- [Deployment Issues](#)
- [Configuring and Provisioning Issues](#)
- [User Interface Issues](#)
- [Report Issues](#)
- [Known Issues From Earlier Releases](#)

The following issues are known to occur in vRealize Business for Cloud 7.5 and 7.4, and are grouped as follows:

- **Two AWS services with the same name can have two different policies in vRealize Business for Cloud**
When two different AWS accounts have the same service names (for example, Amazon Kinesis) in **Edit Pricing -> Public Cloud (AWS)**, they can have two different policies set corresponding to these services.
Note: Currently you cannot identify the account to which the service is associated with.
In case of multi-machine blueprint, it is classified both under **Private** and **Hybrid Cloud (vCloud Air)**. To set the prices for multi-machine blueprint, you must define the prices for the blueprints that are classified under the **Private** category.
- **Unable to add Microsoft Azure account in vRealize Business for Cloud.**
Microsoft Azure EA data-collection, account addition, or account update fails in vRealize Business for Cloud. This happens because, some of the Microsoft Azure APIs used by vRealize Business for Cloud have been retired as of December 31, 2018.

For more information, see [KB 67518](#).

- **When you attempt to upload a comma separated value (CSV) file in a setup which has vRealize Business for Cloud 7.4 integrated with vRealize Automation 7.4, the upload fails with the following error message:**Invalid CSV file input for importing server hardware groups
Workaround: Upload the CSV files using the URL <https://<vRB-ip>/itfm-cloud/vraLogin.html>. For more information, see KB article [70940](#).

Policy Issues

- **When you disable the virtual data collector policy, the virtual machines which were caught before disabling the VCD policy are not caught under VC policy or catch all policy.**
Workaround: If you want to disable VCD policy and apply the pricing to only few of the VCD VMs, then you must create a custom policy for vCD for those VMS and use the same policy for pricing the VMs.

vCloud Director Issues

- **By default the grouping strategy for a vCloud director business unit is Organization, (Consumption > Business Units > vCloud Director > Organization) hence the network resource usage is charged at the Organization level and not attributed to Organization**

vDC.

Workaround: Reports > vCloud Director > Organization vDC report will not have network charge, instead you must use Reports > vCloud Director > Organization reports. Also, you can change the grouping strategy as (Consumption > Business Units > vCloud Director > Virtual Data Center) and use Organization vDC report.

Upgrade Issues

- **When the vRealize Business for Cloud 7.5 upgrade is still in progress, the vRealize Business for Cloud application prompts for user credentials multiple times. This issue is observed only in this release.**
Workaround: Enter the login credentials once and click OK.
- **When you upgrade vRealize Business for Cloud from an earlier version to the present version, you might not see correct cost for Amazon Web Services.**
Workaround: To view the correct cost for Amazon Web Services, wait till the data collection process is complete and then start the synchronization
- **After you perform the upgrade to vRealize Business for Cloud 7.5, the vCenter Server Appliance Management Interface (VAMI) prompts for login credentials.**
Workaround: Enter the login credentials once and click OK.
- **After upgrading the vRealize Business for Cloud appliance, a few configurations such as heap size (-XMs and -Xmx) are reset to the default values.**
If you had changed the default values of the following vRealize Business for Cloud configurations, the changed values are reset to the default values after an upgrade:
 - /etc/systemd/system/facts-repo.service
 - /server/bin/setenv.sh
 - /dc/bin/setenv.sh

Deployment Issues

- **When powering on the vRealize Business appliance, the vSphere Web Client issues the following question: "Cannot connect the virtual device IDE0:0 because no corresponding device is available on the host. Do you want to try to connect this virtual device every time you power on the virtual machine?"**
By default, the vRealize Business appliance's virtual CD/DVD drive is set to connect at power on. When the appliance fails to find media at bootup, the question described in the symptom is issued.
Workaround: See VMware knowledge base article [2151287](#).

Configuring and Provisioning Issues

- **VMs provisioned through vRealize Automation are listed under vCloud Director.**
If you have added a vCloud Director endpoint to vRealize Automation and vRealize Business for Cloud and then provision VMs through vRealize Automation using the reservation pool or allocation pool model in vCloud Director, the VMs are listed under vCloud Director instead of being listed under vRealize Automation private cloud pricing.
- **If you use a HTTP proxy server in your environment, the automatic reference database update fails.**
HTTP proxy server is not supported by vRealize Business for Cloud for automatic update.
Workaround: You must manually update the reference database. For instructions see, *Update the Reference Database for vRealize Business for Cloud* section in the vRealize Business for Cloud Install Guide.

User Interface Issues

- **You see an internal error message on the user interface intermittently.**
During the vRealize Business for Cloud processes such as cost calculation, policy creation, or cloud comparison, though the process is running correctly, you might see the following error on the user

interface:

System unable to process your request at this time due to some internal error. Please reload the page and try again later.

Workaround: Ignore the error and wait until the completion of the respective process.

- **The Re-calculate Pricing dialog box might not close after updating the prices.**

After you update the vCPU and RAM prices from **Business Management > Consumption > Pricing > Edit Pricing** and click **Re-calculate > Save**, the dialog box does not close. However, the information is saved and recalculation happens in the background.

Report Issues

- **Additional services report is not complete.**

When you generate the previous month's additional services report, it does not include the last day's price for the services.

Known Issues From Earlier Releases

To view a list of previous known issues, click [here](#).