**vRealize Business for Cloud**

**Content Pack**

* **Overview:**

The vRealize Business for Cloud (vRBC) 7.3+ content pack for Log Insight provides you important information across all components of your vRBC environment. It provides functionality that helps you in monitoring and maintenance of vRBC environments.

* **Highlights:**
  + Quickly identify issues and drill down to determine the root cause with powerful visualizations of your data and targeted queries.
  + Ability to analysis main vRBC components and every event dependencies to get a complete picture within an environment.
  + Specific queries to focus on the important events that indicate real problems with additional information and context to resolve detected issues quickly.
* **Description:**

The vRealize Business for Cloud content pack enables proactive monitoring of vRBC environments as well as designed to help for troubleshooting and root-cause analysis.

The content pack offers the following:

**General overview and connection related events of vRealize Business for Cloud server:**

Holds information about various errors encountered in vRealize Business for Cloud along with the severity and state of the error. Enables monitoring the sum of bytes returned over time, collected from the Catalina, ITBM Server and VAMI logs.

**Data Collector service:**

Provide query to identify potential issues related to vRA, Azure, vROps sync jobs.

**VAMI Server related issues:**

vRealize Business for Cloud can encounter various access errors. Here you can monitor the source/destination access IPs, access request count over time to trace the service loading state and raise an alarm to rectify it. Along with this you can also see errors related to insufficient resources.

* **Tech Specs:**
  + **Compatibility:**

vRealize Business for Cloud (vRBC) 7.3.x, 7.4

vRealize Log Insight agent 4.5 and later

vRealize Log Insight 4.0 and later

* + **Configuration:**

**Configure Log Insight agents for vRBC appliance v7.4**

Besides the installation of the Content Pack, the **“** vRealize Business for Cloud**”** content pack also requires the proper configuration of the Log Insight agent with the cfapi protocol (default) and the included agent group configuration.

Log Insight Agent need to be configured on each vRBC instance. If vRBC uses server/data collector separate deployment architecture, the Log Insight agent also need to be configured on each of the data collector VA instance separately as well as on the Server.  
   
**Configure Log Insight Agent on vRBC appliance v7.4.**

1. ssh to the vRBC VA.
2. Edit the LI agent /etc/liagent.ini config file using a text editor such as vi/vim.  
   - Setup proper instance of the Log Insight in “hostname” parameter:

*[server]*

*hostname=<Ip or FQDN of Log Insight>*

* Replace the “FQDN\_localhost\_need\_update” parameter located after agent\_name with the name you’d like to reference the current instance to be presented on Log Insight (for example, you can use hostname for the VA)

1. Save the file & start the Log Insight agent (if is disabled).  
           /etc/init.d/liagentd start

To verify that the Log Insight agent is running you can use:  
        /etc/init.d/liagentd status

1. Turn on “auto-run by default” for the Log Insight agent, so that it will not be automatically stopped after VA restart.  
           chkconfig liagentd on  
      
      
   **Configure Log Insight Agent for vRBC appliance v7.3.x**

For the old versions of vRealize Business for Cloud (v7.3.x) the Log Insight Agent pre-installed on virtual appliance contains old configuration file that needs to be manually modified to feed in with expected fields for vRealize Business for Cloud content pack.

At first you need to go over the following steps to configure Log Insight Agent to deliver logs to Log Insight instance.

1. ssh to the vRBC VA.  
2. Edit the LI agent /etc/liagent.ini config file using a text editor such as vi/vim.

* IF already configured, leave [server] section as is
* add the following global tags to deliver “product” and “agent\_name” fields to Log Insight server:

*[common|global]*

*tags = {"product":"vrb", "agent\_name":"FQDN\_localhost\_need\_update"}*

* Use the name you’d like to reference the current instance to be presented on Log Insight (for example, you can use hostname for the VA) instead of "FQDN\_localhost\_need\_update" value.
* replace all old filelog section configurations with new suggested in Agent Group template:

From the Log Insight instance interface, navigate to the **Content Packs and select VMware - vRealize Business for Cloud** content pack. Select the **Agents Groups**tab and copy suggested configuration.

  3. Save the file & start the Log Insight agent (it is disable by default).  
        /etc/init.d/liagentd start  
   
To verify that the Log Insight agent is running you can use:  
        /etc/init.d/liagentd status  
   
  4. Turn on auto-run by default for the Log Insight agent.  
        chkconfig liagentd on

* + **Configure vRBC upgraded instance**

It’s highly recommended to copy the content of LI agent /etc/liagent.ini config file for your later reference before performing the upgrade procedure of vRBC instance.

After upgrading vRBC environment to the 7.4 version, Log Insight agent configuration will be reset to the default state and user need to do manual configuration of agent on vRBC VA. Please refer **Configure Log Insight Agent on vRBC appliance v7.4.**