BDA Troubleshooting Notes

Current BDA version: v4.14 OL7 (no Kerberos)

Last updated by: Chujun (25/11/2019)

Title format: Title name – the last updated date

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# Accumulo (1.7.2)

## Installation Steps for Accumulo - 27/11/2019

Refer to <https://docs.cloudera.com/content/www/en-us/documentation/other/accumulo/1-7-2/PDF/Apache-Accumulo-Installation-Guide-1-7-2.pdf>

## **Installation: Tablet Server is not able to start up – 26/11/**2019

Cloudera Manager Error Message: (stderr)

sed: can't read /run/cloudera-scm-agent/process/299-accumulo16-ACCUMULO16\_TSERVER/log4j.properties: No such file or directory

+ cat /run/cloudera-scm-agent/process/299-accumulo16-ACCUMULO16\_TSERVER/scripts/generic\_extra\_log4j.properties

+ mv /run/cloudera-scm-agent/process/299-accumulo16-ACCUMULO16\_TSERVER/log4j.properties /run/cloudera-scm-agent/process/299-accumulo16-ACCUMULO16\_TSERVER/generic\_logger.properties

\*\*This is not the root cause, it is a common error message for Accumulo.

The actual root cause can find in /var/log/accumulo/tserver-hostname, the error message:

2019-11-26 16:00:07,644 [tserver.TabletServer] ERROR: Uncaught exception in TabletServer.main, exiting

java.lang.IllegalArgumentException: Block cache sizes 1,073,741,824 and mutation queue size 52,428,800 is too large for this JVM configuration 518,979,584

Solution:

1. In CM > Accumulo > Configuration, and change these values as follow
   * Tablet Server Memory Maps Max Size > 512MB
   * Tablet Server Cache Data Size > 128MB
   * Tablet Server Cache Index Size > 256MB
   * Tablet Server Max Heapsize > 512 MB

## Installation: Tracer Server is not able to start up – 27/11/2019

Error Message:

\*\*This error is only occurred when the Accumulo is first set-up.

Error BAD\_CREDENTIALS for user root - Username or Password is Invalid

Solution:

1. Login to Accumulo server node (e.g. 10.10.28.18 – node9) with root
2. To reset Accumulo root password, run: accumulo init --reset-security
3. Done.

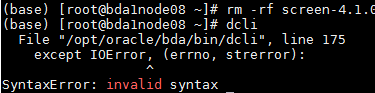
Notes:

1. Important: Accumulo root user isn’t not BDA Linux root user.
2. Current Tracer user is “root” with password “Accumulo@2019”
3. It is better to set-up a tracer user for Accumulo

# Zeppelin (0.8.2)

# DCLI Utility

## Error: SyntaxError: invalid syntax - 27/11/2019



\*\*It could be due to node 8 and 9 Anaconda installation.

Reason:

* In order to use python3.7 as a default choice, changed global environment with Anaconda configuration, placed the original python 2.7
* BDA inbuilt functions and commands are required python 2.7

Solution:

* Removed conda configuration from global env.
* Add conda configuration into local ~/.bashrc file based on user needs.

# YUM Package

## Error: No package <thePacketName> available – for all packages – 05/12/2019

1. With root user, use command: yum clean all
2. Use command: yum clean metadata
3. Update /etc/yum.repos.d/public-yum-ol7.repo, change all “enable=0” to “enable=1”

By using: %s/enable=0/enable=1/g

1. Use command: yum update
2. Done.

# Cloudera Manager

## Warning: Your Cloudera Enterprise license key expires in 47 days. Please install a new license key or contact [sales-renewals@cloudera.com](mailto:sales-renewals@cloudera.com).



Refer to SR: SR 3-21724595771

Solution:

* Patch 30533106 to Extend the Cloudera Manager License Expiration Date from January 31, 2020 to January 31, 2023 ( Doc ID 2619155.1 )