

CDH安装

Subtitle

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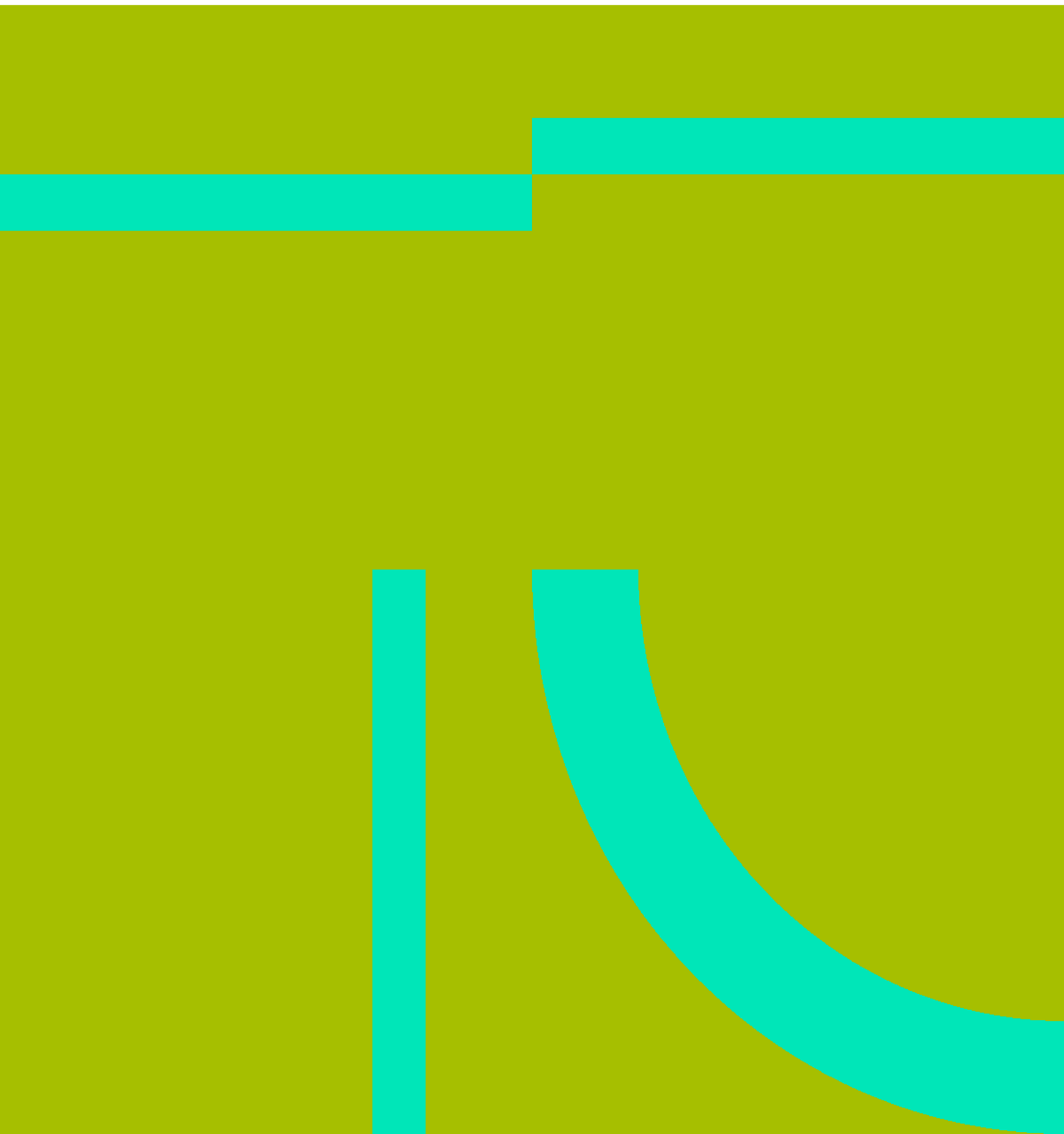


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CDH安装

opentsdb使用的hbase用cdh安装

要点：

- 配置内网yum源及parcels仓库
- master节点上安装cloudera-manager-server-db-2
- 先启动cloudera-manager-server-db-2，设置JAVAHOME，启动cloudera-manager-server *通过浏览器访问http://master_ip:7180 *使用内网parcels及yum源

LZO支持

准备内网gplextras5 parcels仓库，cdh安装此parcels，并在io.compression.codecs属性值中追加如下值：`com.hadoop.compression.lzo.LzoCodec com.hadoop.compression.lzo.LzopCodec`

create.sh脚本

设置HBASEHOME

```
export HBASE_HOME=/etc/cloudera/parcels/CDH-5.7.6-1.cdh5.7.6.p0.6/lib/hbase/
```

添加TTL

create.sh

```
#!/bin/sh
# Small script to setup the HBase tables used by OpenTSDB.

test -n "$HBASE_HOME" || {
    echo >&2 'The environment variable HBASE_HOME must be set'
    exit 1
}
test -d "$HBASE_HOME" || {
    echo >&2 "No such directory: HBASE_HOME=$HBASE_HOME"
    exit 1
}

TSDB_TABLE=${TSDB_TABLE-'tsdb'}
UID_TABLE=${UID_TABLE-'tsdb-uid'}
TREE_TABLE=${TREE_TABLE-'tsdb-tree'}
META_TABLE=${META_TABLE-'tsdb-meta'}
BLOOMFILTER=${BLOOMFILTER-'ROW'}
# LZO requires lzo2 64bit to be installed + the hadoop-gpl-compression jar.
COMPRESSION=${COMPRESSION-'LZO'}
# All compression codec names are upper case (NONE, LZO, SNAPPY, etc).
COMPRESSION=$(echo "$COMPRESSION" | tr a-z A-Z)
```

```
case $COMPRESSION in
  (NONE|LZO|GZIP|SNAPPY) ;; # Known good.
  (*)
    echo >&2 "warning: compression codec '$COMPRESSION' might not be supported."
    ;;
esac

# HBase scripts also use a variable named `HBASE_HOME', and having this
# variable in the environment with a value somewhat different from what
# they expect can confuse them in some cases. So rename the variable.
hbm=$HBASE_HOME
unset HBASE_HOME
exec "$hbm/bin/hbase" shell <<EOF
create '$UID_TABLE',
  {NAME => 'id', COMPRESSION => '$COMPRESSION', BLOOMFILTER => '$BLOOMFILTER'},
  {NAME => 'name', COMPRESSION => '$COMPRESSION', BLOOMFILTER => '$BLOOMFILTER'}

create '$TSDB_TABLE',
  {NAME => 't', VERSIONS => 1, COMPRESSION => '$COMPRESSION', BLOOMFILTER =>
'$BLOOMFILTER', TTL => '604800'}

create '$TREE_TABLE',
  {NAME => 't', VERSIONS => 1, COMPRESSION => '$COMPRESSION', BLOOMFILTER =>
'$BLOOMFILTER'}

create '$META_TABLE',
  {NAME => 'name', COMPRESSION => '$COMPRESSION', BLOOMFILTER => '$BLOOMFILTER'}
EOF
```

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