0 安装前的架构

Cognos 详细版本 所兼容的DB2版本 不分fp

WAS 详细版本 对应FP

cognos 组件 几个apptie。目录和对应组件

对应端口,IP

WAS profiles 组成。server名字。是否集群。

每个profiles 的 profileName， dmgr， serverName, cluster名, apptie名。节点组成和名字。

检查环境变量 bash\_profile

加入DB2的LD\_LIBRARY\_PATH的 ${DB2DIR}\lib32

0.1 图表表示

（参数的值都是变动的）

WAS目录 /usr/IBM/WebSphere8/AppServer

|  |  |  |
| --- | --- | --- |
| Websphere 8.5.5.11 | application server | default\_host端口 |
| 1机  主机名 | apptie1 | 9090 |
| apptie2 | 9091 |
| cm1 | 9080 |
| 2机  主机名 | apptie1 | 9090 |
| apptie2 | 9091 |
| cm2 | 9080 |

IHS

|  |  |
| --- | --- |
| web服务端口 | 8080 |
| IHS运行用户和组 | wasadmin/wasgroup |
| IHS安装路径 | /usr/IBM/WebSphere8/IHS |
| 管理端口 | \ |

1机Cognos 目录 /opt/ibm/cognos

|  |  |
| --- | --- |
| gateway组件 | gw |
| apptier组件 | apptie1 |
| apptier组件 | apptie2 |
| content store组件 | cm1 |

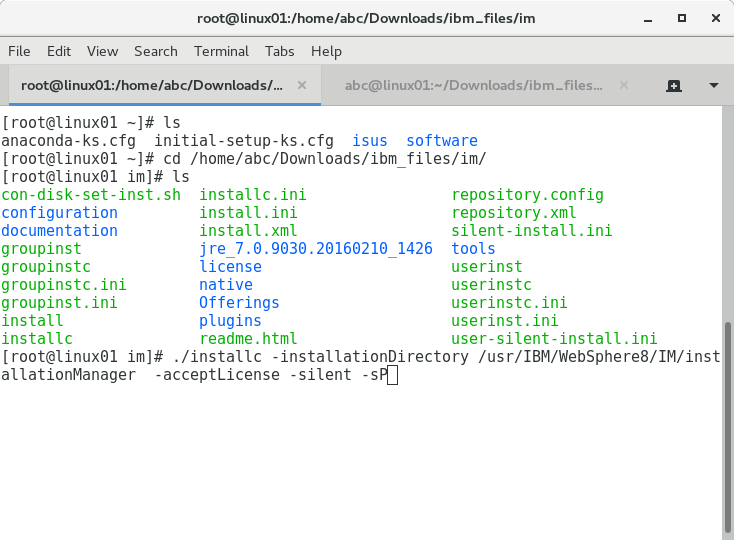
2机Cognos组件

|  |  |
| --- | --- |
| gateway组件 | gw |
| apptier组件 | apptie1 |
| apptier组件 | apptie2 |
| content store组件 | cm2 |

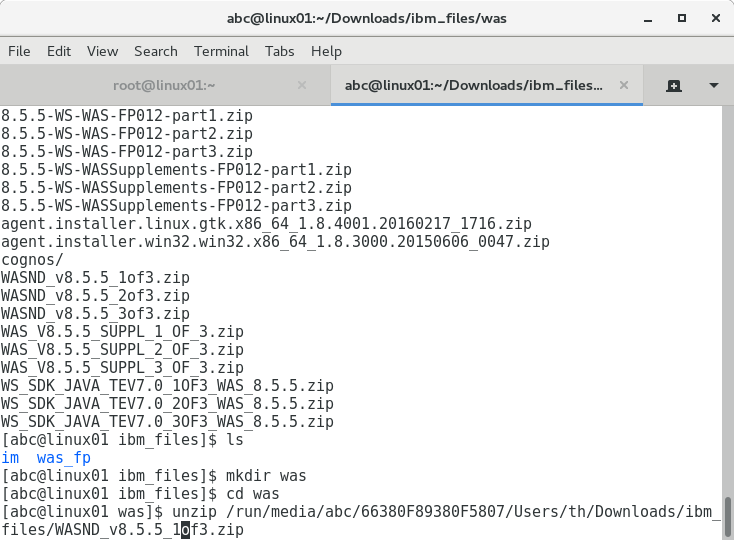
|  |
| --- |
| DB2版本 10.5fp8 |
| Cognos版本 10.2.2FP8 （FP4） |
| 系统版本: 红帽7.2 |
| 数据库名字: cghis |
|  |

1.安装

# 安装IM

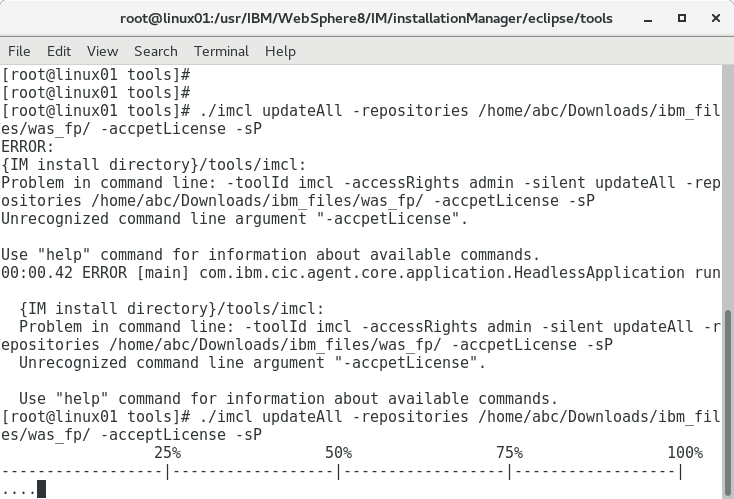
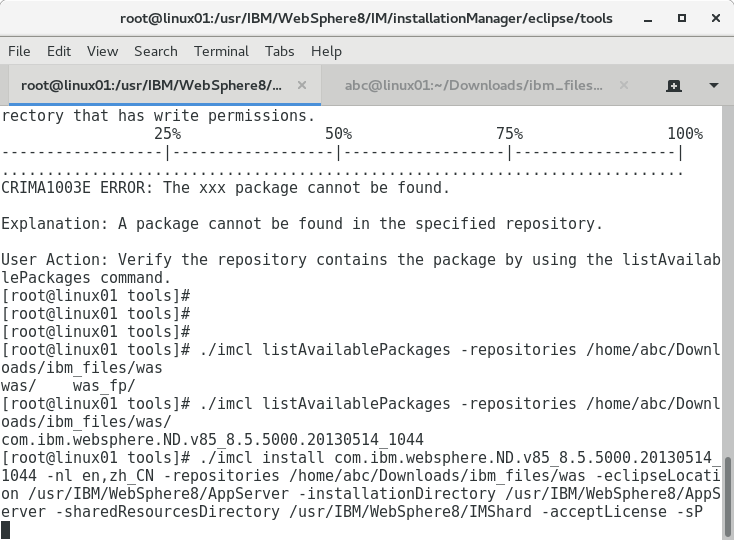


# 解压was包

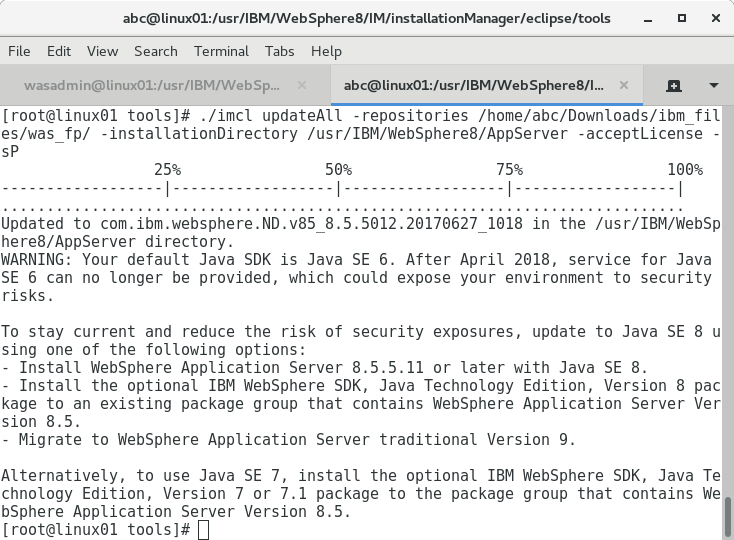


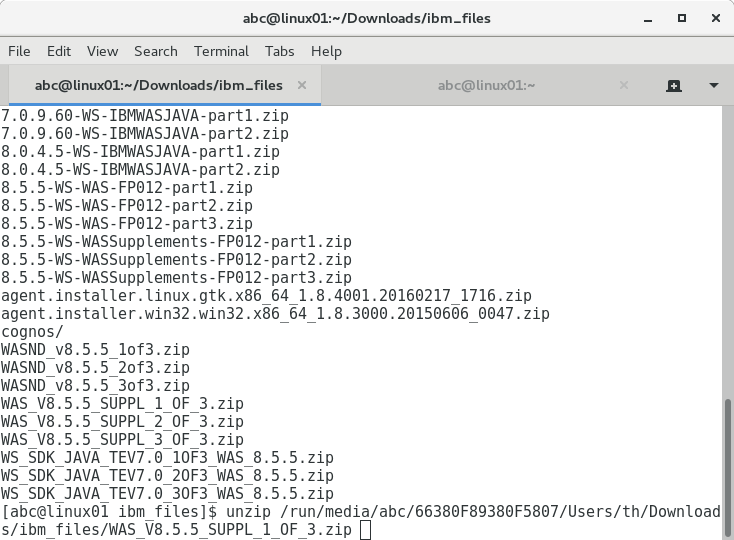
#安装WAS

./imcl install com.ibm.websphere.ND.v85\_8.5.5000.20130514\_1044 -nl en,zh\_CN -repositories /home/abc/Downloads/ibm\_files/was -eclipseLocation /usr/IBM/WebSphere8/AppServer -installationDirectory /usr/IBM/WebSphere8/AppServer -sharedResourcesDirectory /usr/IBM/WebSphere8/IMShard -acceptLicense -sP



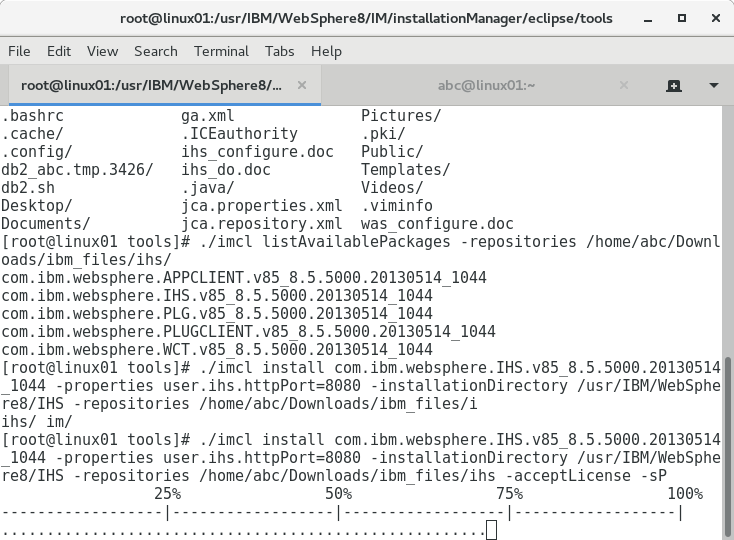
安装WAS补丁包



  
IHS package

com.ibm.websphere.IHS.v85\_8.5.5000.20130514\_1044

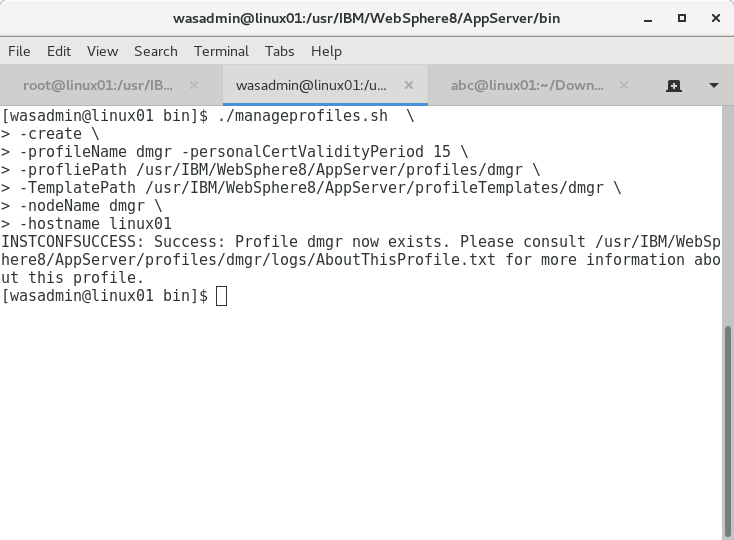
# 解压IHS 补丁

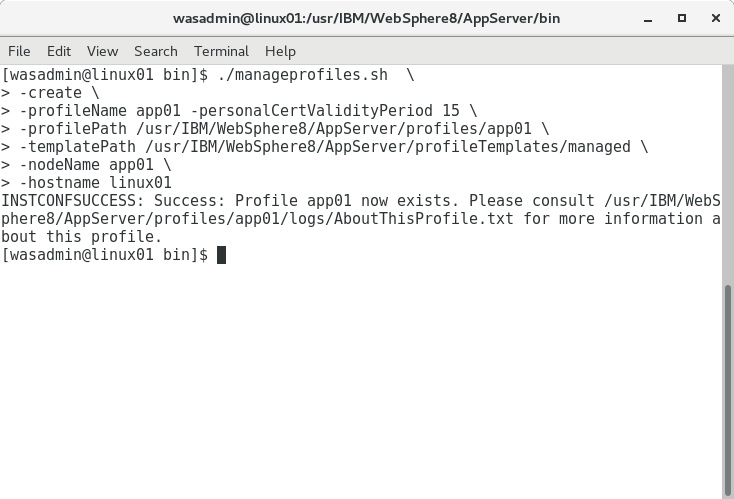


## 设置目录权限

chown -R wasadmin:wasgroup /usr/IBM/

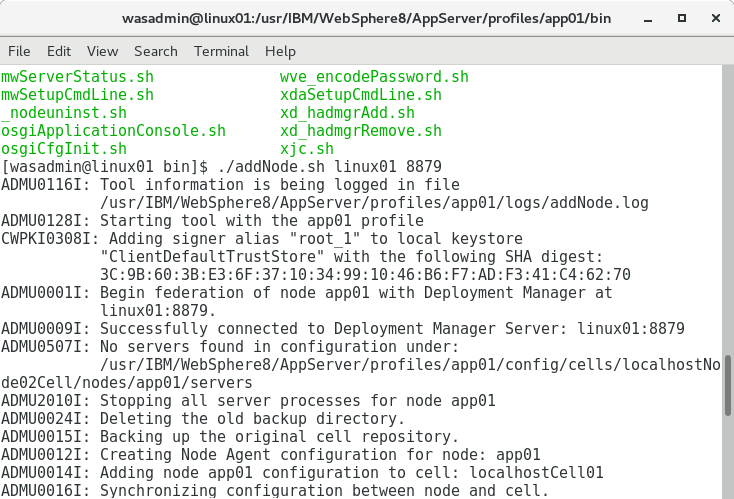
#新建概要





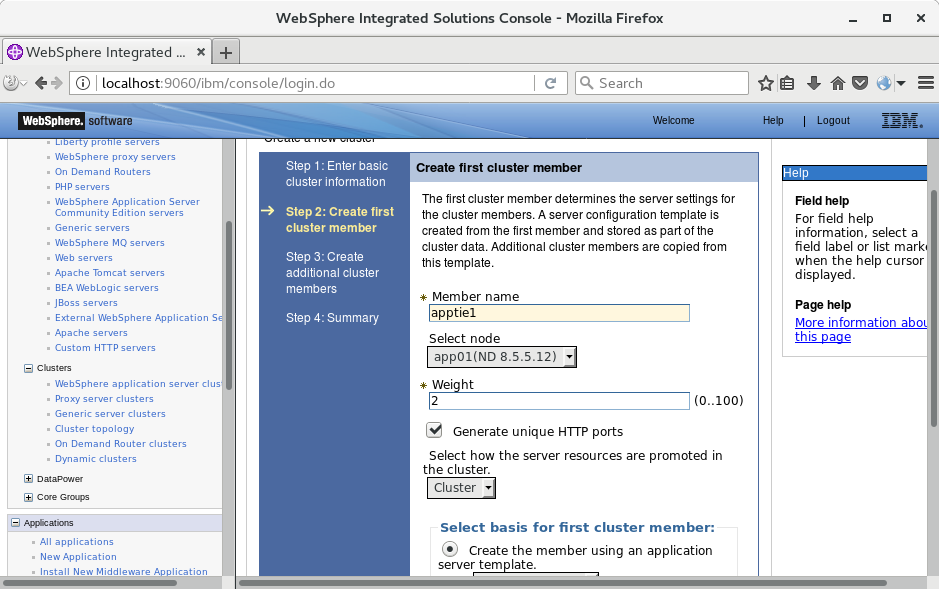
#addNode

cd /usr/IBM/WebSphere8/AppServer/profiles/app01/bin

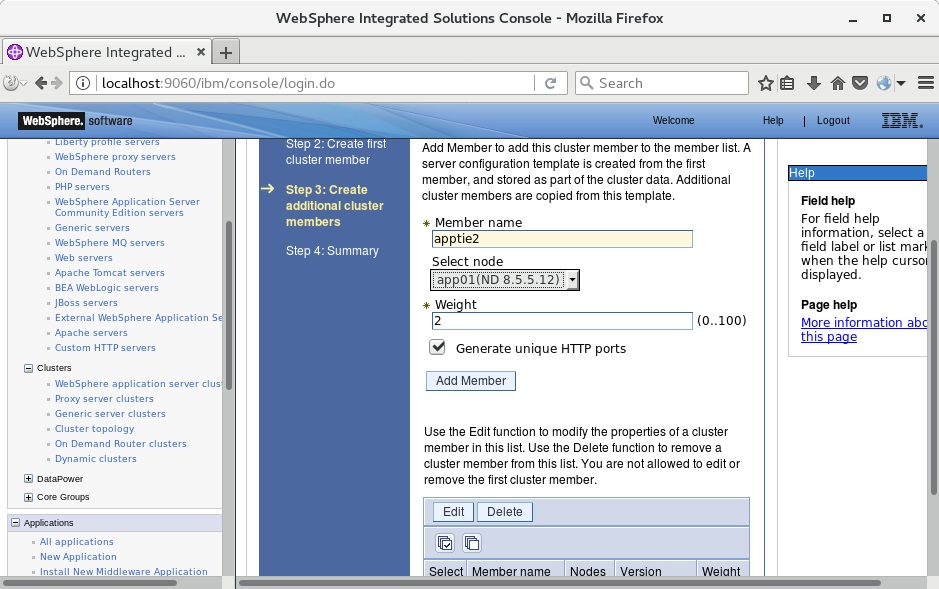


# new cluster

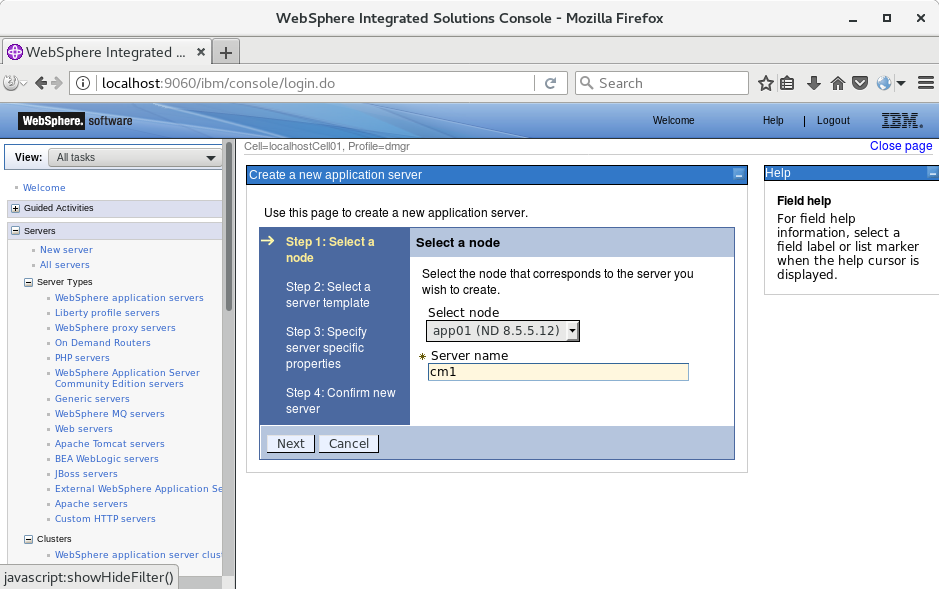
new member apptie1



apptie2



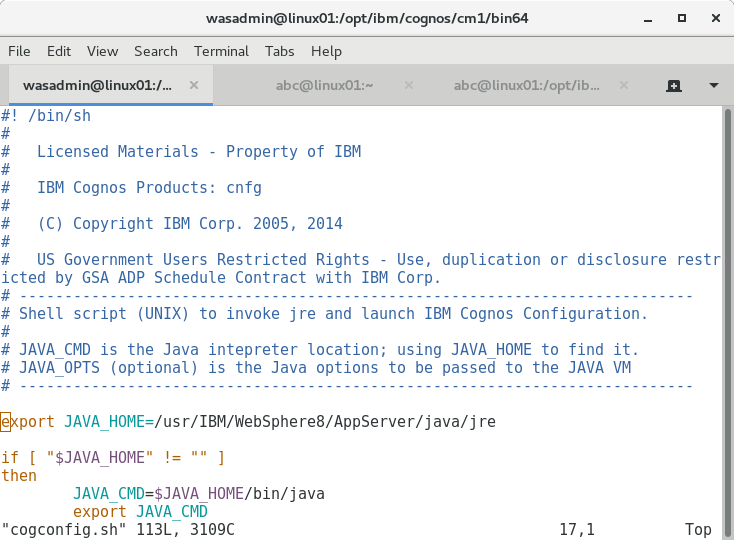
在 app server 界面新建cm1条目



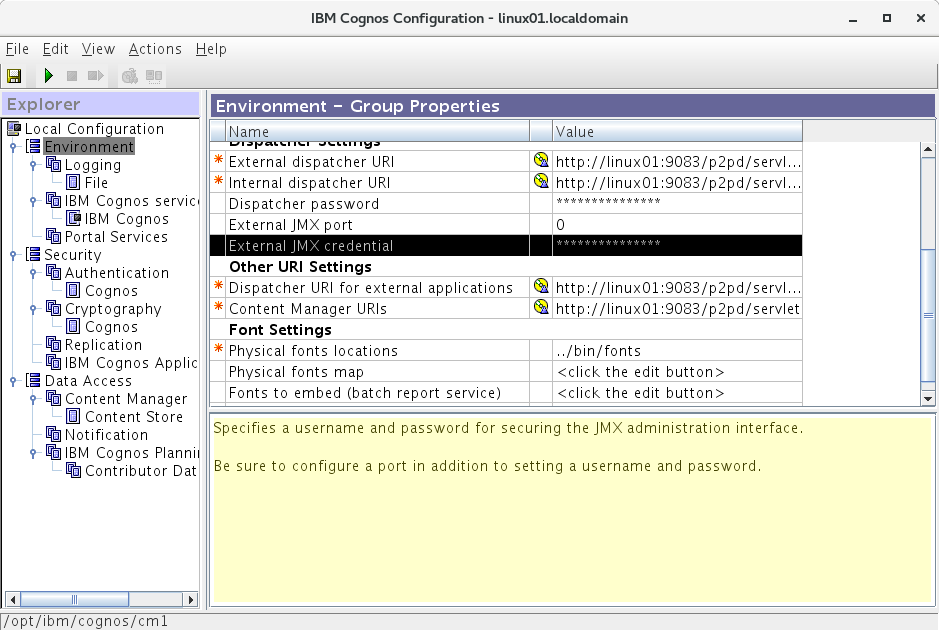
2 配置Cognos

#cm1 的cogconfig

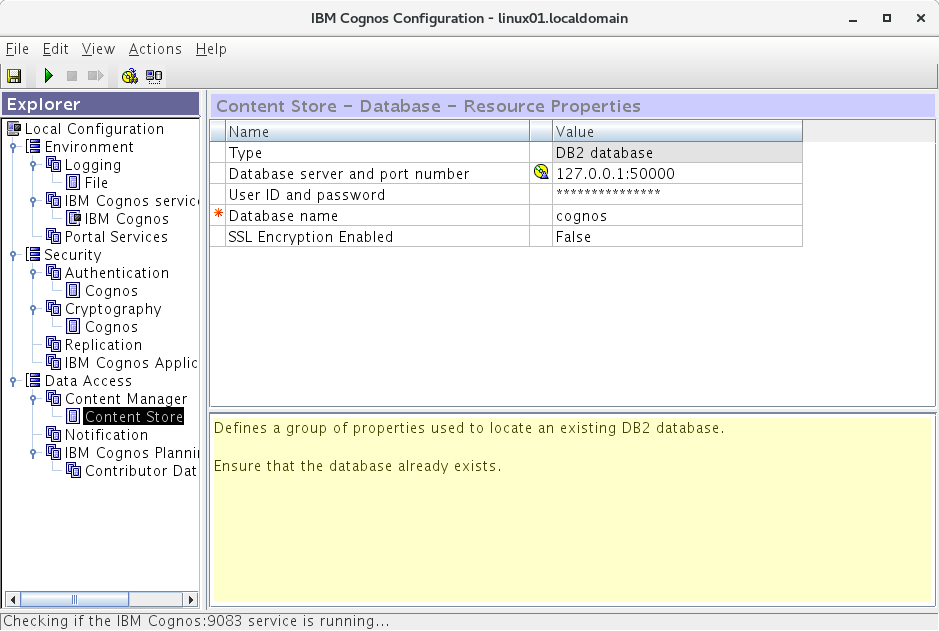
# type the database name



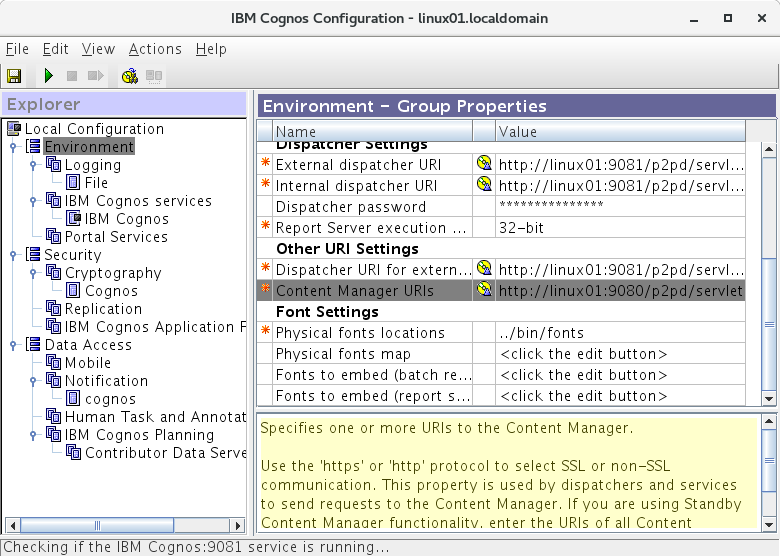
# cm1 config



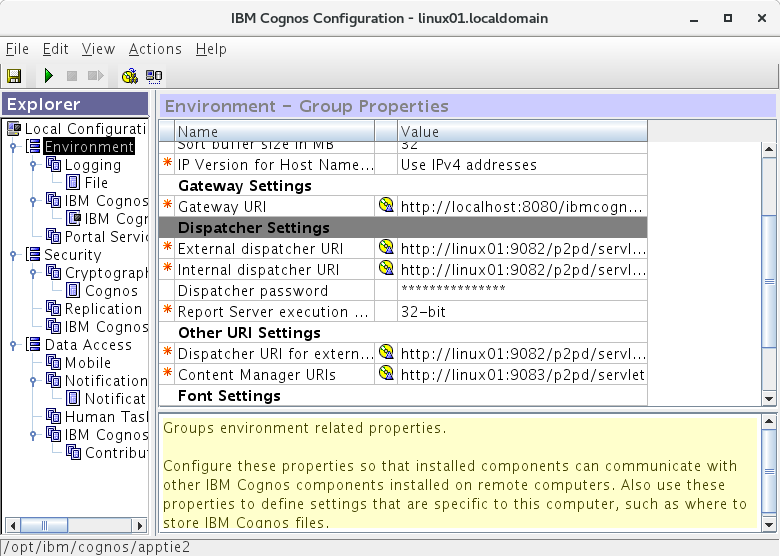
#database



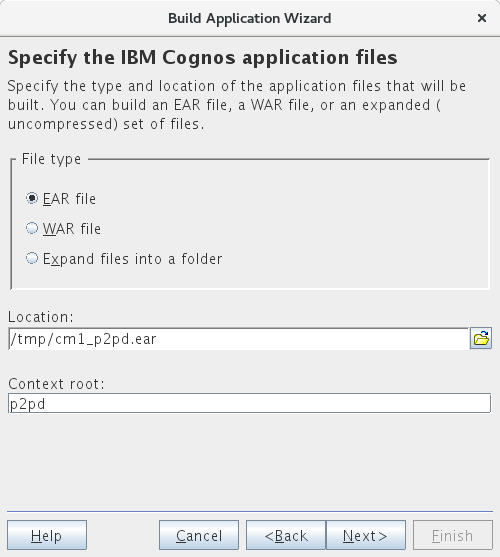
# apptie1 (wc\_defaulthost, 9081)



# apptie2



# build app cm1



# install new middleware

Application > Install new middleware

cm1

map web cm1 to server=cm1



install apptie1



# install middleware apptie2

map to cluster cognos

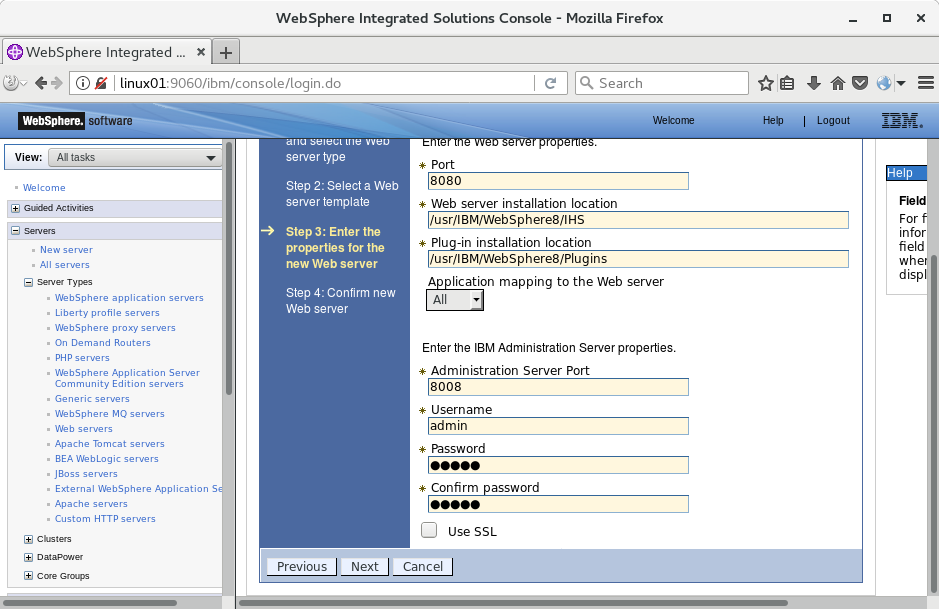


# new unmanaged node and webserver

add new unmanaged node named webNode01

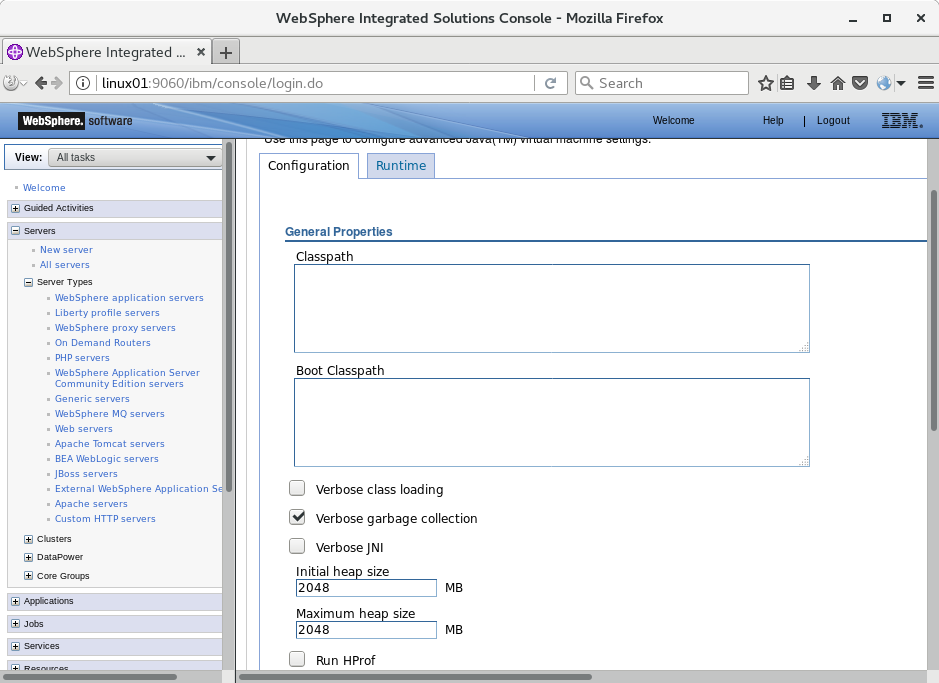
add new web server named webserver01

config



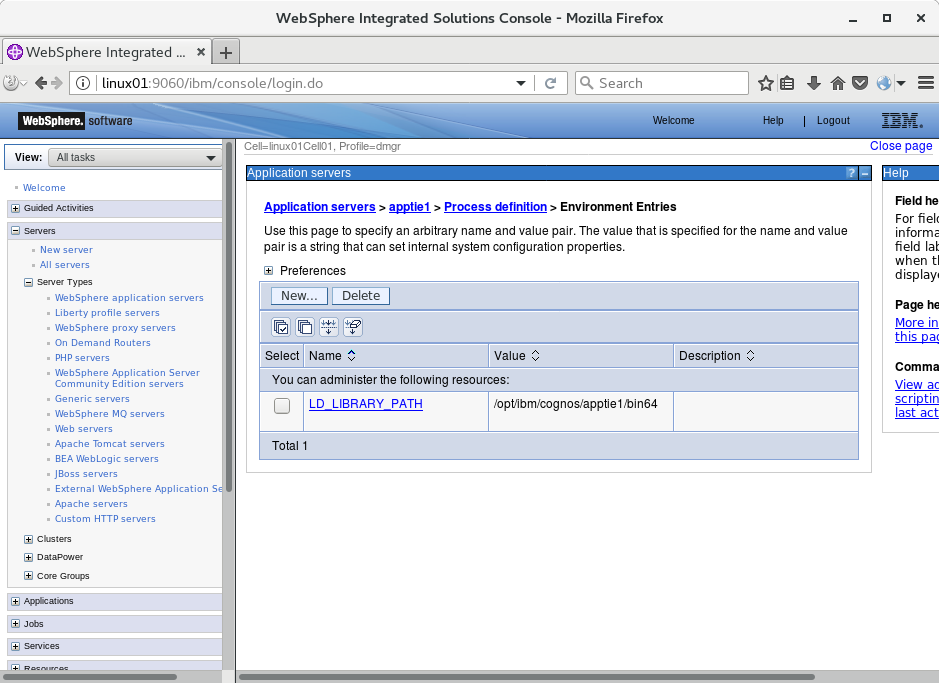
run ./adminctl start, let the httpd admin running.

# config the app server heap size

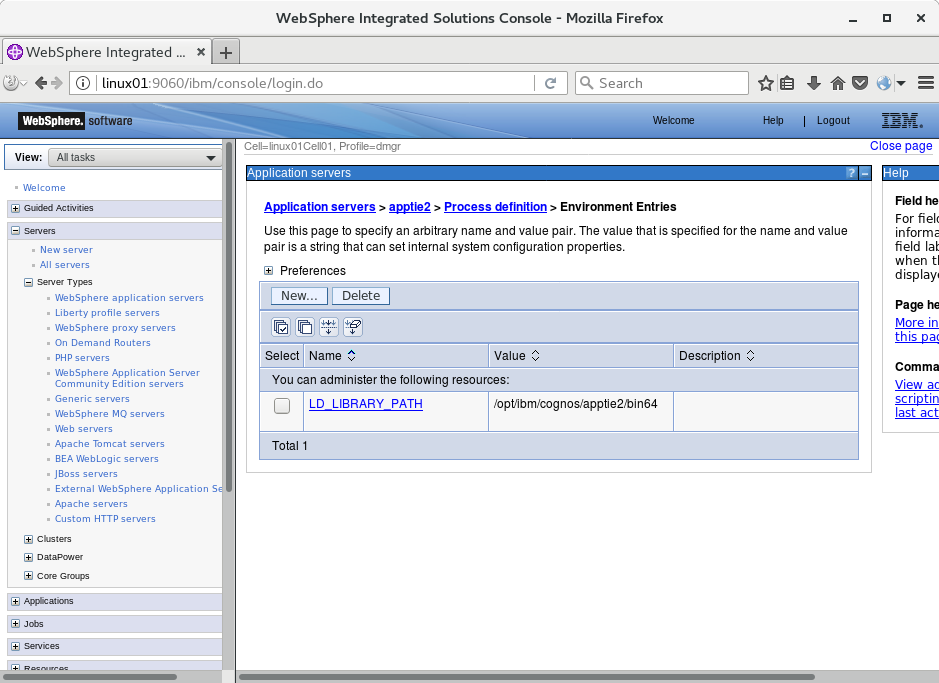


same as apptie2 and cm1.

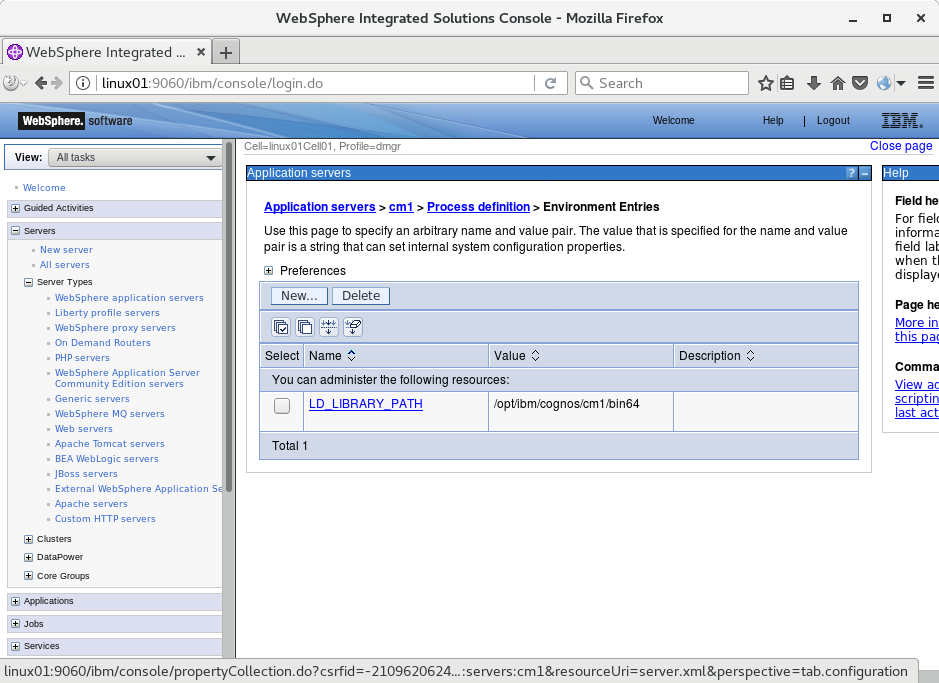
# config the environment variable on apptie1



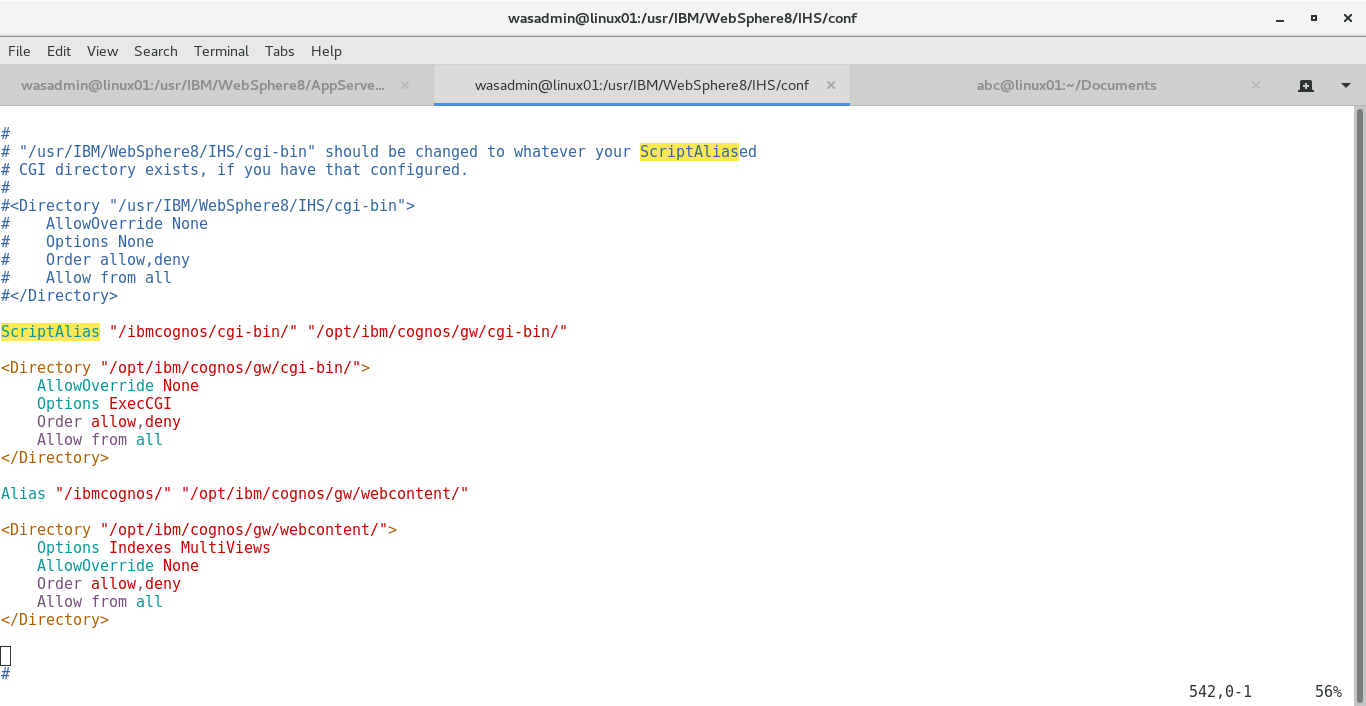
# config the apptie2



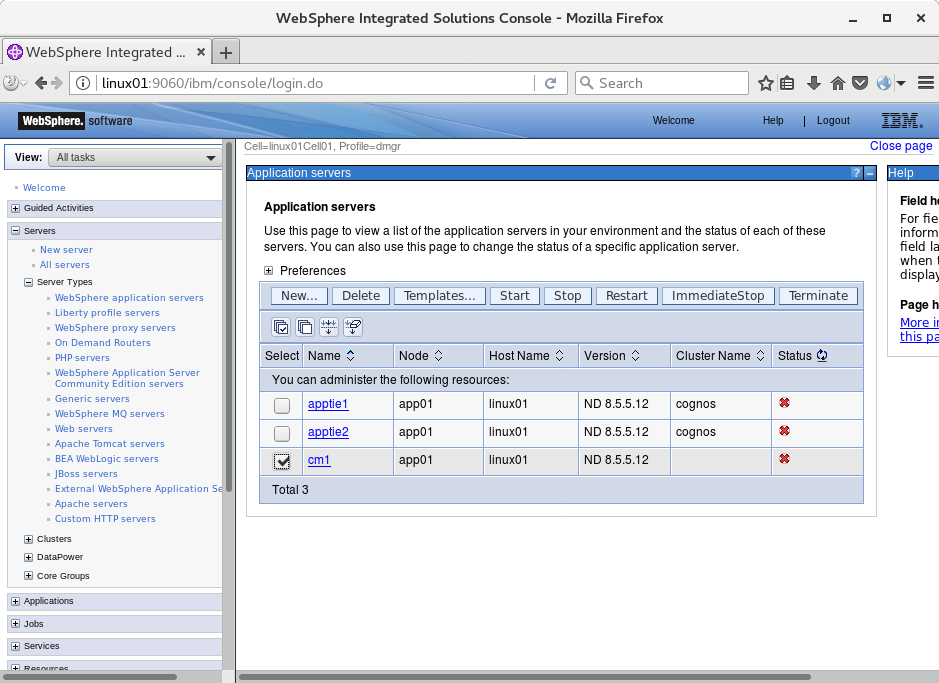
# config the cm1 env



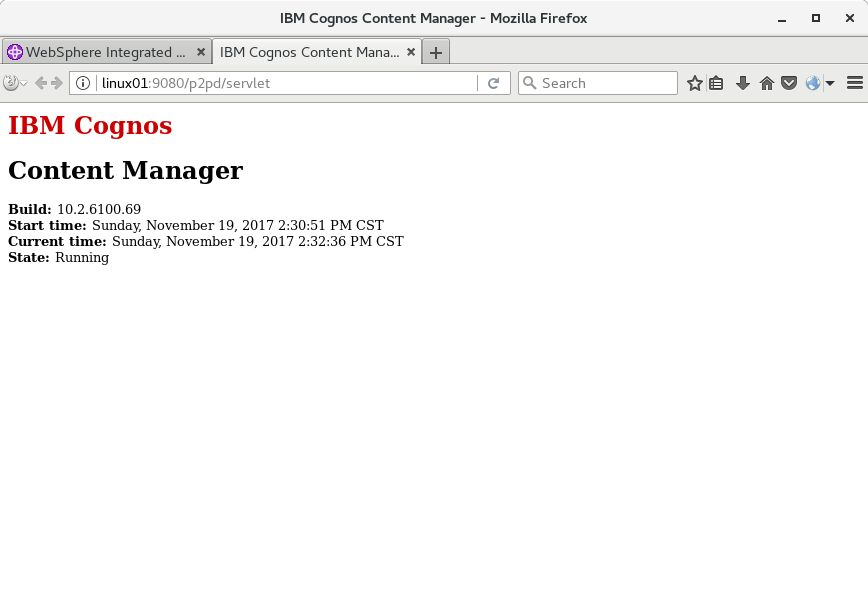
# configure the httpd.conf



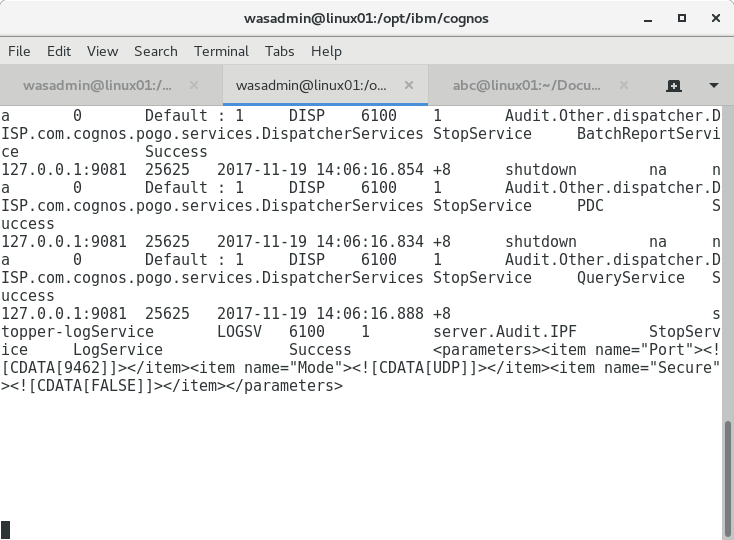
# firstly start the cm1 app.

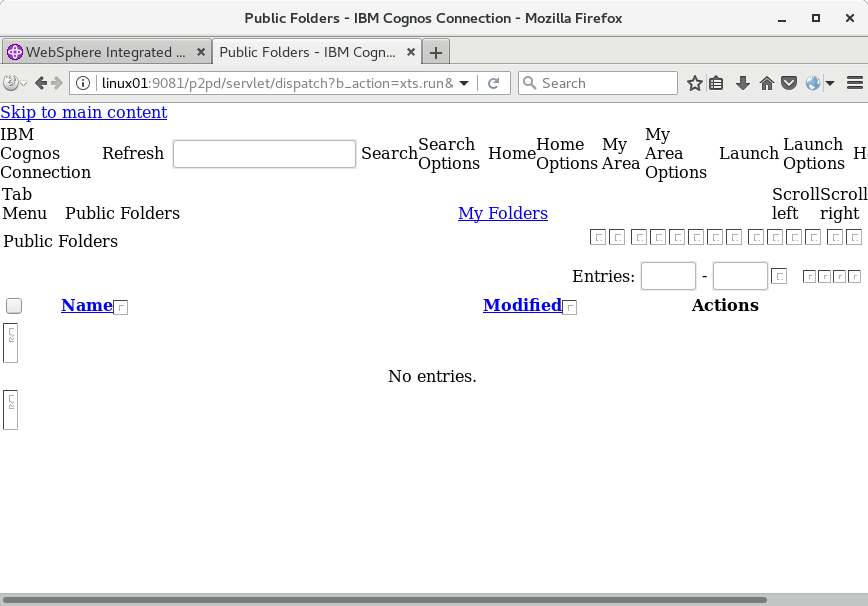


# check the cm1 status



# 启动 app apptie1 （端口9081）和 apptie2 （端口9082）

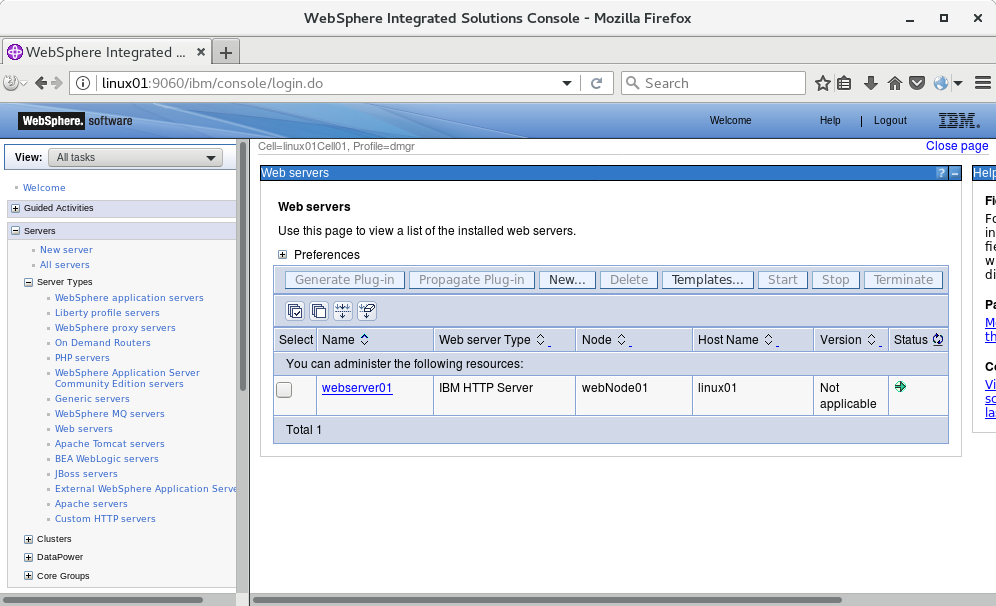
可以查看cogserver 日志。等待数分钟。

检查url和端口

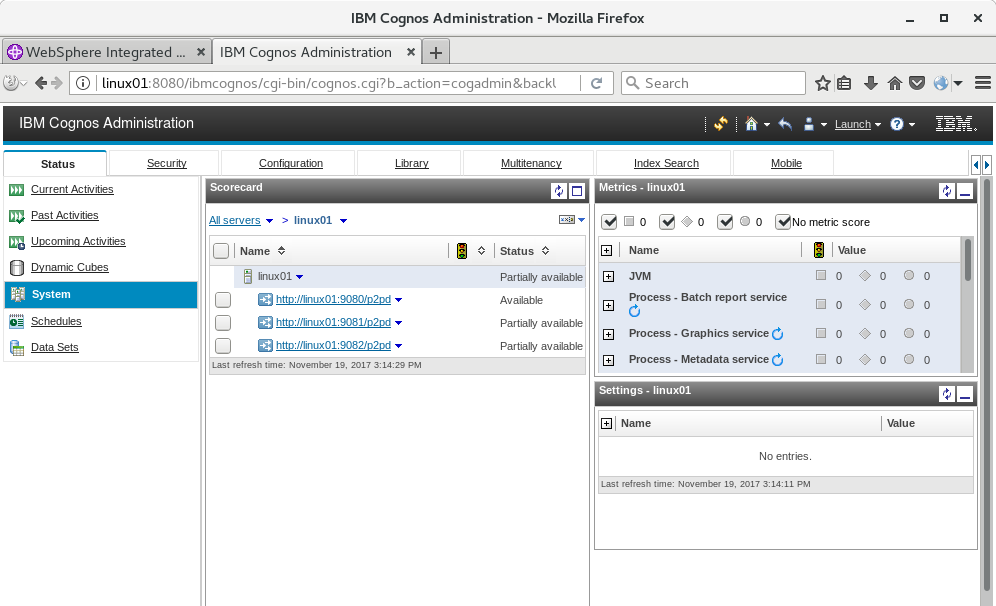
同样的启动apptie2

检查日志和查看网页状态

启动 webserver01



# 访问 <http://linux01:8080/ibmcognos>



如果出现启动异常。尝试停止apptie或者kill -TERM pid

如果cognos 管理网页出现不可用。尝试注册服务或者重启apptie