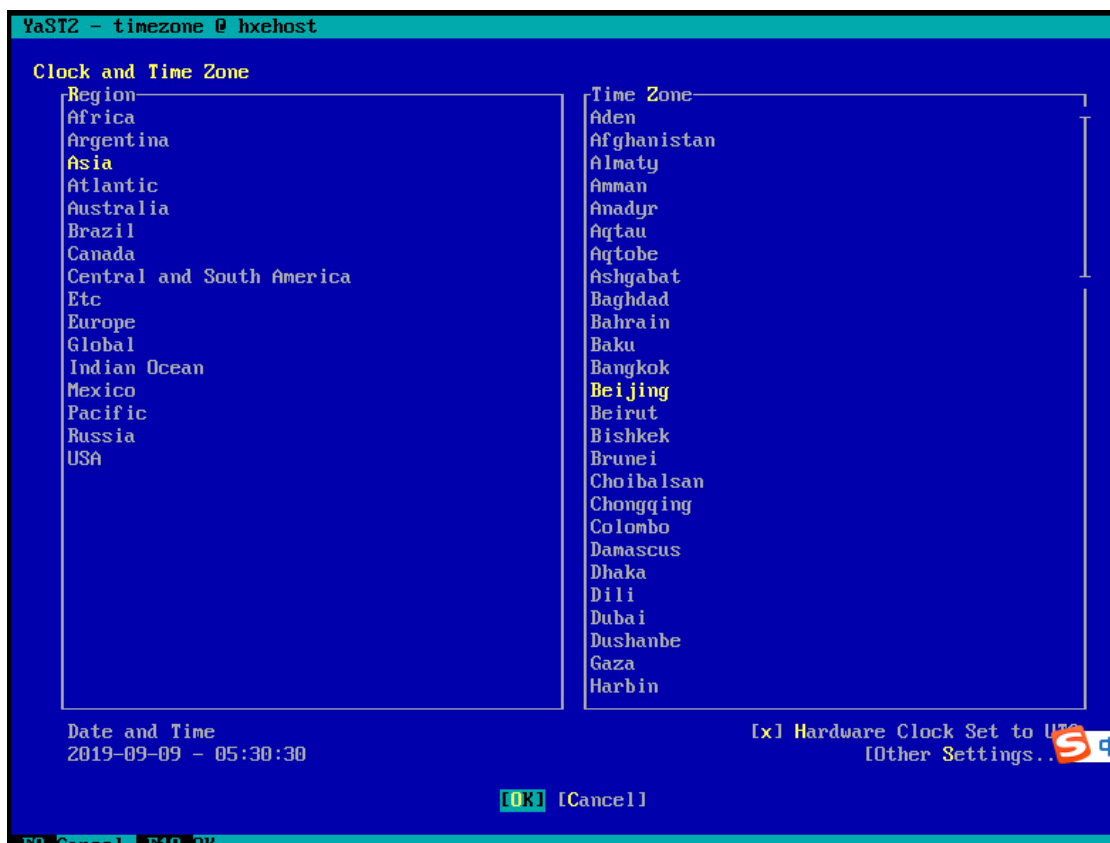
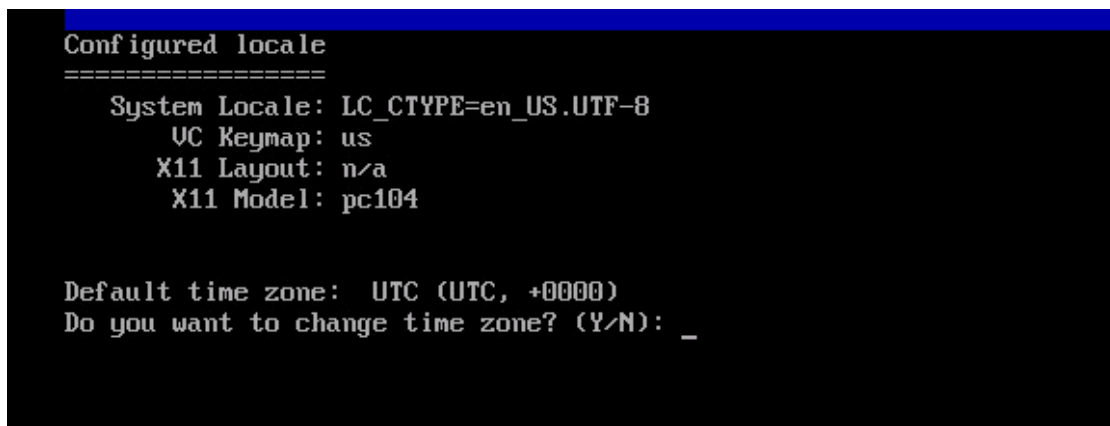
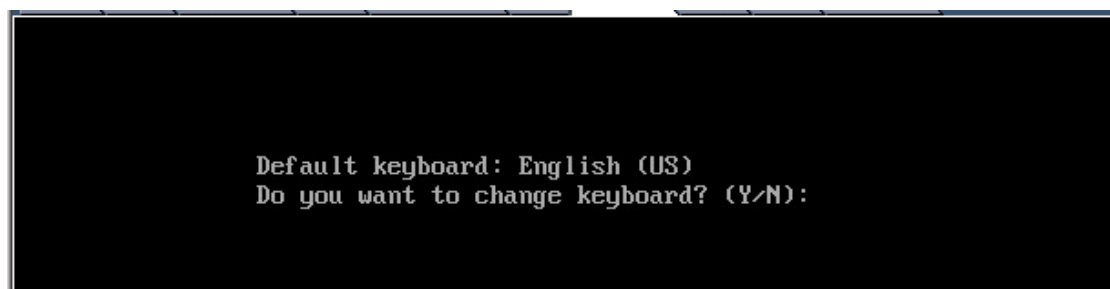


虚拟机导入以后安装问题



At the `hxehost` login prompt, enter `hxeadm`.

For **Password**, enter the temporary password `HXEhana1`.

```

hxehost login: hxeadm
Password:
You are required to change your password immediately (root enforced)
Changing password for hxeadm.
(current) UNIX password:
New password:
Retype new password:

#####
# Welcome to SAP HANA, express edition 2.0.                                     #
#                                                                                   #
# The system must be configured before use.                                     #
#####

Password must be at least 8 characters in length. It must contain at least
1 uppercase letter, 1 lowercase letter, and 1 number. Special characters
are allowed, except \ (backslash), ' (single quote), " (double quotes),
' (backtick), and $ (dollar sign).

New HANA database master password:
Confirm "HANA database master" password:

#####
# Summary before execution                                                         #
#####
HANA, express edition
  Host name           : hxehost
  Domain name         : localdomain
  Master password     : *****
  Log file             : /var/tmp/hdb_init_config_2019-09-09_10.36.14.log

Proceed with configuration? (Y/N) : Y

Please wait...

_

```

```

Total in use HANA processes heap memory (MB)
=====
Before collection : 3083
After  collection : 2677

Free and used memory in the system
=====
Before collection
-----
Mem:      total      used      free      shared    buffers    cached
-/+ buffers/cache:  7.8G      7.7G     148M       68M       4.9M       1.4G
Swap:     4.0G         0B       4.0G
After  collection
-----
Mem:      total      used      free      shared    buffers    cached
-/+ buffers/cache:  7.8G      7.1G     746M       68M       4.9M       1.4G
Swap:     4.0G         0B       4.0G

*** Congratulations! SAP HANA, express edition 2.0 is configured. ***
See https://www.sap.com/developer/tutorials/hxe-ua-getting-started-vm.html to get started.

hxehost:hxeadm> _

```

```

hxehost:hxeadm> sudo ifconfig
eth0      Link encap:Ethernet  HWaddr 00:50:56:89:6B:2E
          inet6 addr: fe80::250:56ff:fe89:6b2e/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:41920 errors:0 dropped:525 overruns:0 frame:0
          TX packets:77 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2798261 (2.6 Mb)  TX bytes:24246 (23.6 Kb)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:158358 errors:0 dropped:0 overruns:0 frame:0
          TX packets:158358 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1
          RX bytes:332844761 (317.4 Mb)  TX bytes:332844761 (317.4 Mb)

hxehost:hxeadm> _

```

设置 Ip

临时设置 IP

```

hxehost:hxeadm> sudo ifconfig eth0 192.168.10.8 netmask 255.255.255.0 up
hxehost:hxeadm> route add default gw 192.168.10.1
Absolute path to 'route' is '/sbin/route', so running it may require superuser privileges (eg. root)

hxehost:hxeadm> sudo route add default gw 192.168.10.1
hxehost:hxeadm>

```

启动 saphanan

```

hxehost:hxeadm> HDB stop && HDB start
hdbdaemon will wait maximal 300 seconds for NewDB services finishing.
Stopping instance using: /usr/sap/HXE/SYS/exe/hdb/sapcontrol -prot NI_HTTP -nr 90 -function Stop 400

09.09.2019 10:48:45
Stop
OK
Waiting for stopped instance using: /usr/sap/HXE/SYS/exe/hdb/sapcontrol -prot NI_HTTP -nr 90 -function WaitforStopped 600 2

09.09.2019 10:51:20
WaitforStopped
OK
hdbdaemon is stopped.

StartService
Impromptu CCC initialization by 'rscpCInit'.
See SAP note 1266393.
OK
OK
Starting instance using: /usr/sap/HXE/SYS/exe/hdb/sapcontrol -prot NI_HTTP -nr 90 -function StartWait 2700 2

09.09.2019 10:51:21
Start
OK

09.09.2019 10:52:37
StartWait
OK
hxehost:hxeadm>

```

```

hxehost:hxeadm> HDB info
USER      PID      PPID    %CPU     VSZ      RSS COMMAND
hxeadm    23620    23581   0.0      14788    1928 -bash
hxeadm    26553    23620   0.0      13392    3424 \_ /bin/sh /usr/sap/HXE/HDB90/HDB info
hxeadm    26584    26553   0.0      36884    2976 \_ ps fx -U hxeadm -o user:0,pid:0,ppid:
hxeadm    25951     1      0.0      21864    3080 sapstart pf=/usr/sap/HXE/SYS/profile/HXE_HDB9
hxeadm    25959    25951   0.8      211912   54620 \_ /usr/sap/HXE/HDB90/hxehost/trace/hdb.sapH
hxeadm    25975    25959   39.6     4883432  3240068 \_ hdbnameserver
hxeadm    26100    25959   2.3      927140   347676 \_ hdbcompilesrver
hxeadm    26121    25959   45.9     5262380  3619692 \_ hdbindexserver -port 39003
hxeadm    26312    25959   1.9      935060   319096 \_ hdbdiserver
hxeadm    26314    25959   2.0     1141028   530308 \_ hdbuedispatcher
hxeadm    2887     1      0.0      626652    9376 /usr/sap/HXE/HDB90/exe/sapstartsrv pf=/usr/sa
hxehost:hxeadm> _

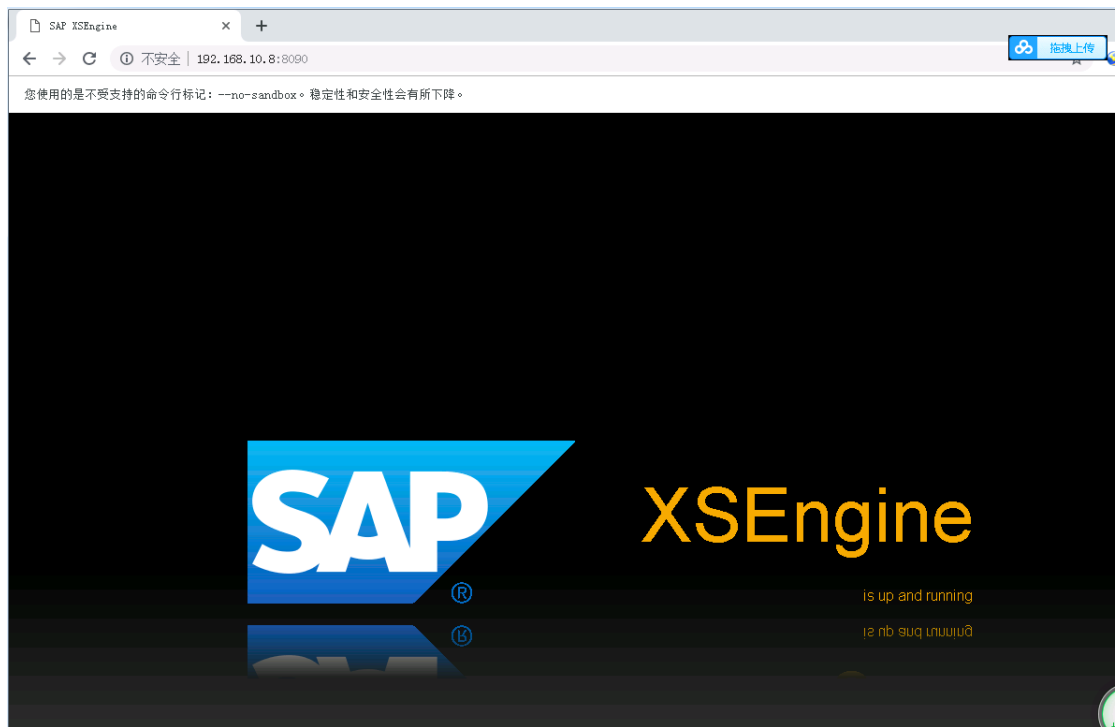
```

修改 IP 网卡配置

```

hxehost:hxeadm> cd /
hxehost:hxeadm> cd etc
hxehost:hxeadm> cd sysconfig/
hxehost:hxeadm> cd network/
hxehost:hxeadm> ls
config  ifcfg-eth0  ifcfg-lo  if-down.d  providers  scripts
dhcp    ifcfg-eth0old  ifcfg.template  if-up.d  routes
hxehost:hxeadm> cat ifcfg-eth0
cat: ifcfg-eth0: Permission denied
hxehost:hxeadm> sudo cat ifcfg-eth0
BOOTPROTO='static'
IPADDR=192.168.10.8
NETMASK=255.255.255.0
NETWORK=192.168.10.1
BROADCAST=192.168.10.255
STARTMODE='auto'
DHCLIENT_SET_DEFAULT_ROUTE='yes'
USERCONTROL='no'
pre-up sleep 2
hxehost:hxeadm>

```



虚拟机和 sap 安装成功以后，客户端配置

```
/usr/sap/HXE/HDB90/exe/hdbsql -i 90 -d HXE -u SYSTEM -p "<SYSTEM-password>"  
"CREATE USER SA_USER PASSWORD <password> NO FORCE_FIRST_PASSWORD_CHANGE;"
```

2. If you are using the common applications image, mount the CATALOG READ permission to the user.

"PUBLIC" "AUDIT LOG"

System

Specify System

Specify the host name and instance number of the system.

Host Name:

Instance Number:

Mode:

- ☒ Single container
- ☐ Multiple containers
 - ☒ Tenant database
 - Name:
 - ☐ System database

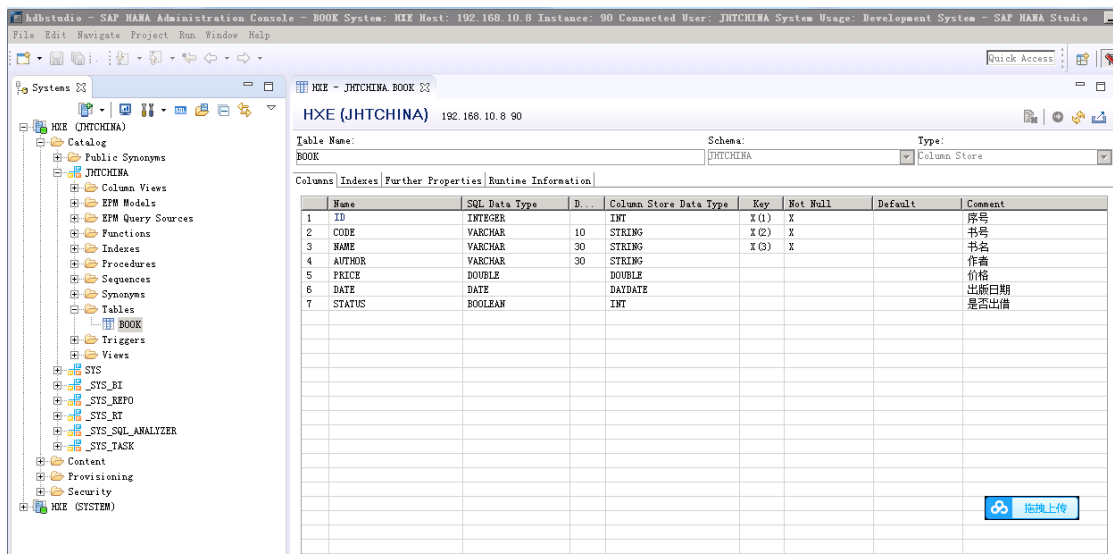
Description:

Locale:

Folder:

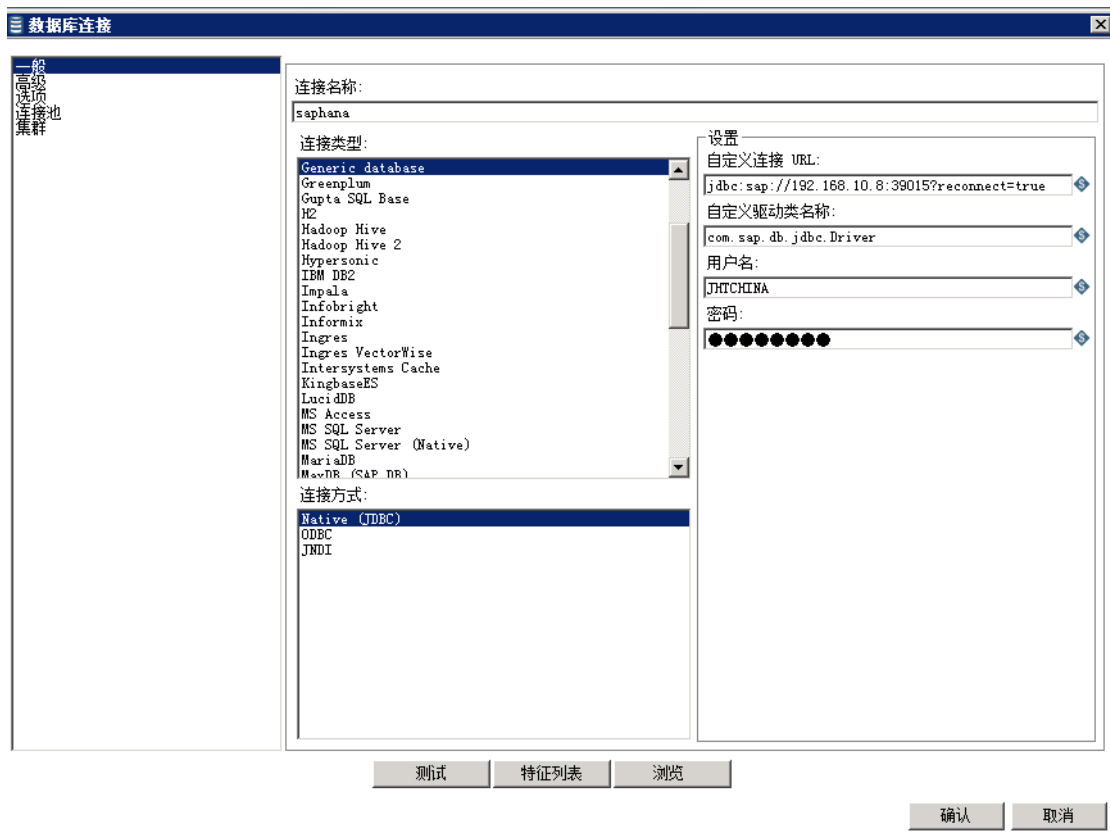
新增用户，并建表

<https://www.cnblogs.com/saper/p/6516949.html>



Kettle 同步





```
export DPA_INSTANCE=/usr/sap/HXE/home/dataprovagent
```

Start the configuration tool:

```
$DPA_INSTANCE/bin/agentcli.sh --configAgent
```

In the configuration tool menu, select **SAP HANA Connection** **Connect to SAP HANA on Premise (TCP)** then enter the following values:

- Use SSL: false
- Host Name: *hxehost*
- Port Number: 39015
- Agent Admin HANA User: SYSTEM
- Agent Admin HANA User Password: *<master-password>*

Go back to the top level of the configuration tool menu, then select **Agent Registration** **Register Agent** Press Enter to accept the default values.

i. Next steps.

表输入

步骤名称表输入

数据库连接saphana

编辑...新建...Wizard...

SQL

获取SQL查询语句...

select * from book

数据库连接

连接名称:mysql1

连接类型:MySQL

Native Mondrian
Neoview
Netezza
OpenERP Server
Oracle
Oracle RDB
Palo MOLAP Server
Pentaho Data Services
PostgreSQL
Redshift
Remedy Action Request System
SAP ERP System
SQLite
SparkSQL
Sybase
SybaseIQ
Teradata
UniVerse database
Vertica
Vertica 5+

连接方式:Native (JDBC)

ODBC
JNDI

设置

主机名称:rm-m5eo20y3da0474671mo.mysql.rds.aliyuncs.com

数据库名称:rds_dbc

端口号:3306

用户名:db_develop

密码:●●●●●●●●●●

Use Result Streaming Cursor

表输出

步骤名称表输出

数据库连接mysql1

编辑...新建...Wizard...

目标模式

浏览(B)...

目标表book

浏览(B)...

提交记录数量1000

裁剪表

忽略插入错误

指定数据库字段

主选项数据库字段

表分区数据

分区字段

每个月分区数据

BOOK @rds_dbc (huaweimysql) - 表

文件 编辑 窗口 帮助

新建 保存 另存为 添加栏位 插入栏位 删除栏位 主键 上移 下移

栏位 索引 外键 触发器 选项 注释 SQL 预览

名	类型	长度	小数点	允许空值	
ID	int	11	0	<input type="checkbox"/>	1
CODE	varchar	10	0	<input checked="" type="checkbox"/>	
NAME	varchar	30	0	<input checked="" type="checkbox"/>	
AUTHOR	varchar	30	0	<input checked="" type="checkbox"/>	
PRICE	double	0	0	<input checked="" type="checkbox"/>	
DATE	datetime	0	0	<input checked="" type="checkbox"/>	
STATUS	tinyint	1	0	<input checked="" type="checkbox"/>	

拖拽上传