TABA_Tibero_Install

JRE 설치

- yum update
- yum install jre

```
[root@localhost Downloads]# yum install jre
Last metadata expiration check: 0:45:30 ago on Sun 09 Jul 2023 09:44:39 PM KST.
Dependencies resolved.
================================================================================
 Package                  Arch    Version                Repo        Size
================================================================================
Installing:
 java-11-openjdk          x86_64  1:11.0.18.0.10-3.el9   appstream  440 k
Installing dependencies:
 copy-jdk-configs         noarch  4.0-3.el9              appstream   28 k
 java-11-openjdk-headless x86_64  1:11.0.18.0.10-3.el9   appstream   40 M
 javapackages-filesystem  noarch  6.0.0-4.el9            appstream   13 k
 lksctp-tools             x86_64  1.0.19-2.el9           baseos      94 k
 lua                      x86_64  5.4.4-4.el9            appstream  188 k
 lua-posix                x86_64  35.0-8.el9            appstream  151 k
 mkfontscale              x86_64  1.2.1-3.el9            appstream   32 k
 ttmkfdir                 x86_64  3.0.9-65.el9           appstream   53 k
 tzdata-java              noarch  2023c-1.el9            appstream  230 k
 xorg-x11-fonts-Type1     noarch  7.5-33.el9            appstream  505 k

Transaction Summary
================================================================================
```

JRE 설치

- 설치 확인 및 환경변수 설정
- java –version
- readlink –f $(which java)

```
[root@localhost Downloads]# java -version
openjdk version "11.0.18" 2023-01-17 LTS
OpenJDK Runtime Environment (Red_Hat-11.0.18.0.10-3.el9) (build 11.0.18+10-LTS)
OpenJDK 64-Bit Server VM (Red_Hat-11.0.18.0.10-3.el9) (build 11.0.18+10-LTS, mixed mode, sharing)
[root@localhost Downloads]# readlink -f $(which java)
/usr/lib/jvm/java-11-openjdk-11.0.18.0.10-3.el9.x86_64/bin/java
```
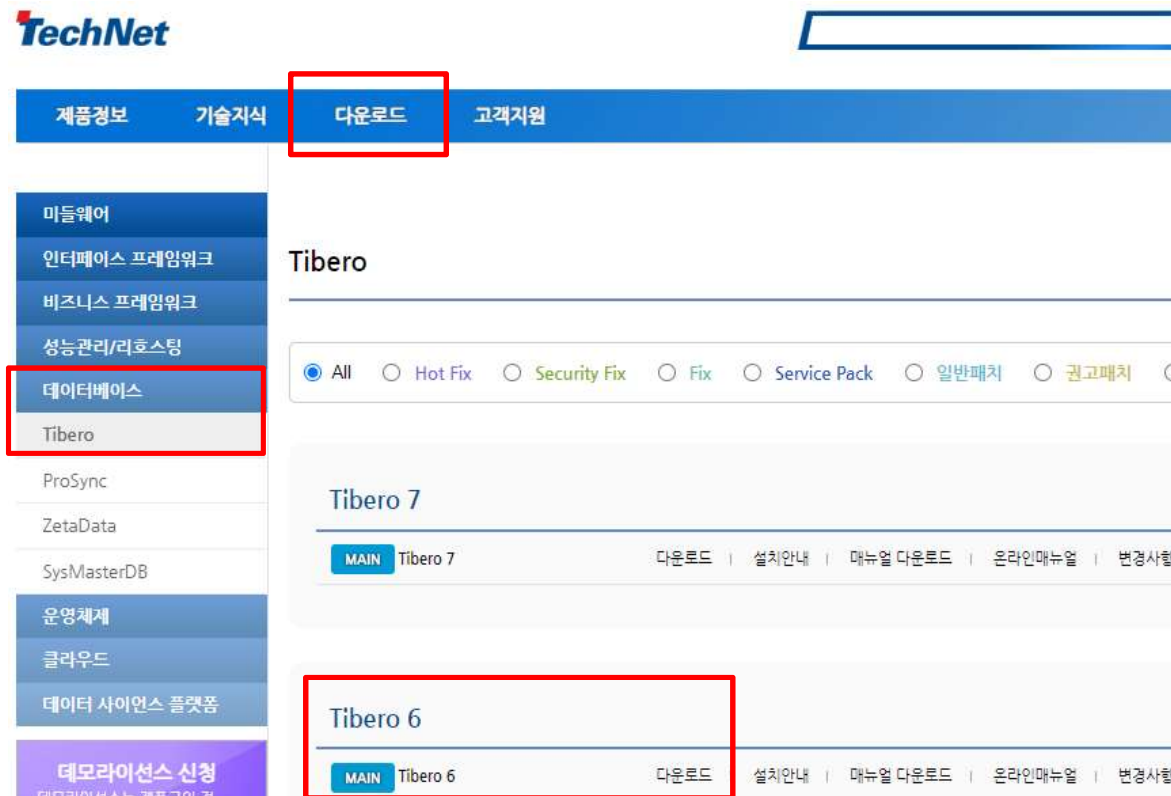
JRE 설치

- vi ~/.bashrc
- export JAVA_HOME=/usr/lib/jvm/java-11-openjdk-11.0.18.0.10-3.el9.x86_64
- export PATH=$JAVA_HOME/bin:$PATH

```
export JAVA_HOME=/usr/lib/jvm/java-11-openjdk-11.0.18.0.10-3.el9.x86_64
export PATH=$JAVA_HOME/bin:$PATH
```

- source ~/.bashrc

Tibero Install

- 테크넷 접속 후 회원가입 https://technet.tmaxsoft.com/
- 다운로드 – 데이터베이스 – Tibero – Tibero6 다운로드

Tibero Install

- OS버전에 맞는 Tibero6 다운로드
- Linux(x86) 64-bit

Tibero Install

- 메인 페이지에서 데모라이선스 신청 클릭
- 리눅스 서버에서 **hostname** 명령어 실행으로 본인의 hostname 을 적어줘야함

```
[root@localhost scripts]# hostname
localhost.localdomain
```


Tibero 6

hostname 확인

Tibero Install

- mkdir /home/tibero

- cd /home/tibero

- mv /home/user/Download tibero6-bin-FS07_CS_2005-linux64-186930-opt-tested.tar.gz /home/tibero/

- cd /home/tibero/

- tar –xvzf tibero6-bin-FS07_CS_2005-linux64-186930-opt-tested.tar.gz

- cd /tibero

- mv /home/user/Download/license.xml tibero/tibero6/license/

Tibero Install

- vi /etc/sysctl.conf

- kernel.shmmni = 4096
- kernel.shmall = 2097152
- kernel.shmmax = 2147483648
- kernel.sem = 10000 32000 10000 10000
- fs.file-max = 6815744
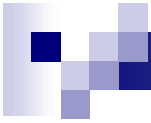- net.ipv4.ip_local_port_range = 1024 65500

```
# For more information, see sysctl.conf(5) and sysc
#
kernel.shmmni = 4096
kernel.shmall = 2097152
kernel.shmmax = 2147483648
kernel.sem = 10000 32000 10000 10000
fs.file-max = 6815744
net.ipv4.ip_local_port_range = 1024 65500
```

Tibero Install

- vi /etc/security/limits.conf

- tibero soft nproc 2047
- tibero hard nproc 16384
- tibero soft nofile 1024
- tibero hard nofile 65536

```
tibero            soft    nproc          2047
tibero            hard    nproc          16384
tibero            soft    nofile         1024
tibero            hard    nofile         65536
```

Tibero Install

- 환경 변수 설정

- vi ~/.bashrc

- export JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.362.b09-4.el9.x86_64
- export TB_HOME=/home/tibero/tibero6
- export TB_SID=tibero
- export TB_PROF_DIR=$TB_HOME/bin/prof
- export LD_LIBRARY_PATH=$TB_HOME/lib:$TB_HOME/client/lib

- export SHLIB_PATH=$LD_LIBRARY_PATH:$SHLIB_PATH
- export LIBPATH=$LD_LIBRARY_PATH:$LIBPATH

- export PATH=$PATH:$JAVA_HOME/bin:$TB_HOME/bin:$TB_HOME/client/bin

- source ~/.bashrc

Tibero Install

- yum install -y libnsl
- yum install -y ncurses*
- □ ln -s /usr/lib64/libncurses.so.6 /usr/lib64/libncurses.so.5

- $TB_HOME/config/gen_tip.sh
- tbboot nomount
- tbsql sys/tibero

Tibero Install

```
create database "tibero"
user sys identified by tibero
maxinstances 8
maxdatafiles 100
character set MSWIN949
national character set UTF16
logfile
  group 1 'log001.log' size 100M,
  group 2 'log002.log' size 100M,
  group 3 'log003.log' size 100M
maxloggroups 255
maxlogmembers 8
noarchivelog
  datafile 'system001.dtf' size 100M autoextend on next 100M maxsize unlimited
  default temporary tablespace TEMP
    tempfile 'temp001.dtf' size 100M autoextend on next 100M maxsize unlimited
    extent management local autoallocate
  undo tablespace UNDO
    datafile 'undo001.dtf' size 100M autoextend on next 100M maxsize unlimited
    extent management local autoallocate;

quit
```

Database created 문구가 나오면 됨

Tibero Install

- tbboot
- $TB_HOME/scripts/system.sh

- sys와 syscat 암호 입력
- sys – tibero
- syscat – syscat

- 나머지 y누르면 됨.