



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-filessystem       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

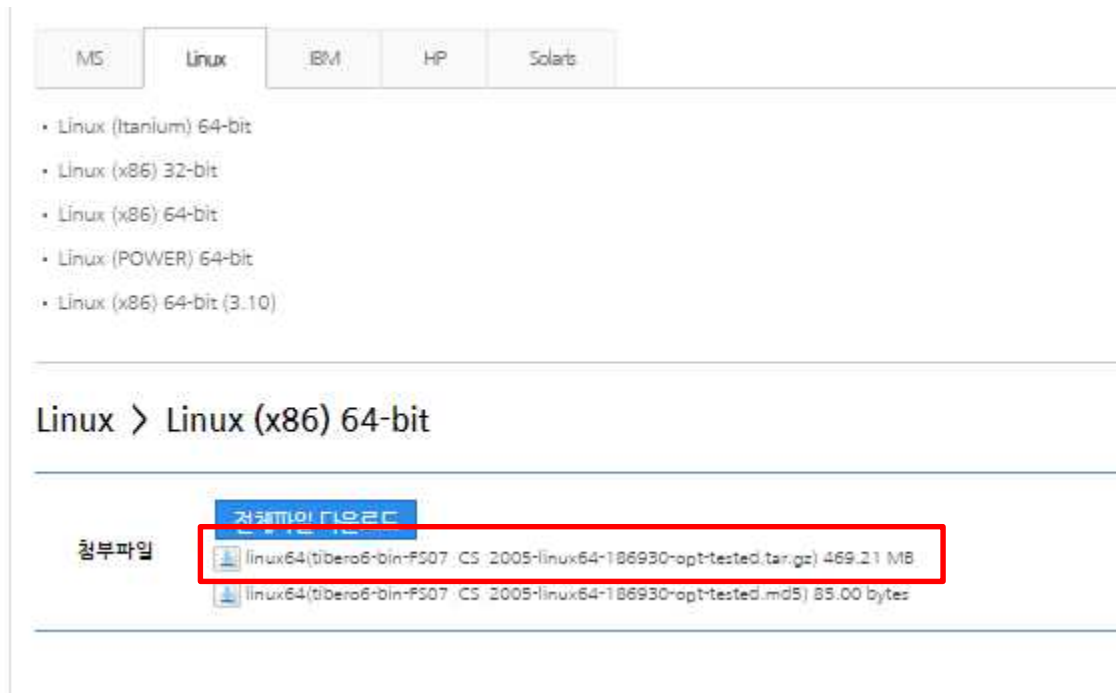
# Tibero Install

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

The screenshot shows the TechNet website interface. The top navigation bar includes '제품정보', '기술지식', '다운로드' (highlighted with a red box), and '고객지원'. The left sidebar lists various categories, with '데이터베이스' (highlighted with a red box) and 'Tibero' (highlighted with a red box) selected. The main content area displays 'Tibero' products. Under the 'Tibero 6' section, the 'MAIN Tibero 6' link is highlighted with a red box, and the '다운로드' (Download) link is also highlighted with a red box. Other links like '설치안내', '매뉴얼 다운로드', '온라인매뉴얼', and '변경사항' are visible for both Tibero 7 and Tibero 6.

# Tibero Install

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



The screenshot shows the Tibero6 download page. At the top, there are tabs for different operating systems: MS, Linux, IBM, HP, and Solaris. The 'Linux' tab is selected. Below the tabs, a list of Linux distributions is shown: Linux (Itanium) 64-bit, Linux (x86) 32-bit, Linux (x86) 64-bit, Linux (POWER) 64-bit, and Linux (x86) 64-bit (3.10). The 'Linux (x86) 64-bit' option is selected, and the page shows the download links for the corresponding files. A red box highlights the download links for the Linux (x86) 64-bit distribution.

MS Linux IBM HP Solaris

- Linux (Itanium) 64-bit
- Linux (x86) 32-bit
- Linux (x86) 64-bit
- Linux (POWER) 64-bit
- Linux (x86) 64-bit (3.10)

Linux > Linux (x86) 64-bit

첨부파일

최종버전 다운로드

- linux64(tibero6-bin-FS07-CS-2005-linux64-186930-opt-tested.tar.gz) 469.21 MB
- linux64(tibero6-bin-FS07-CS-2005-linux64-186930-opt-tested.md5) 85.00 bytes

# Tibero Install

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

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

데모라이선스 발급 신청 - Chrome

technet.tmaxsoft.com/ko/front/common/demoPopup.do

데모라이선스 발급 신청

제품명	Tibero	Tibero 6
Version	6.0	
발급유형	Demo	hostname 확인
Host Name		
Edition	Standard	
E-mail		
성명		
연락처		
회사명		
사용목적	*사용 목적을 반드시 기재 바랍니다.	

데모 라이선스는 제품 구입 전 테스트 및 검토를 위하여 제한된 기간 동안 발급받아 사용 가능한 라이선스입니다. 아래 명시된 유효기간 내에서만 사용가능하며, 테스트 및 검토 용도가 아닌 실제 운영시스템에 사용하는 것은

로그아웃 | 마이페이지 | Korean

검색

로그인하셨습니다. | LOGOUT

마이페이지

데모라이선스 신청

데모라이선스는 제품구입 전 테스트 및 검토를 위하여 제한된 기간 동안 발급받아 사용 가능한 라이선스입니다.

공지사항 more

[WebtoB : 중요공지] 보안 취약점

# Tibero Install

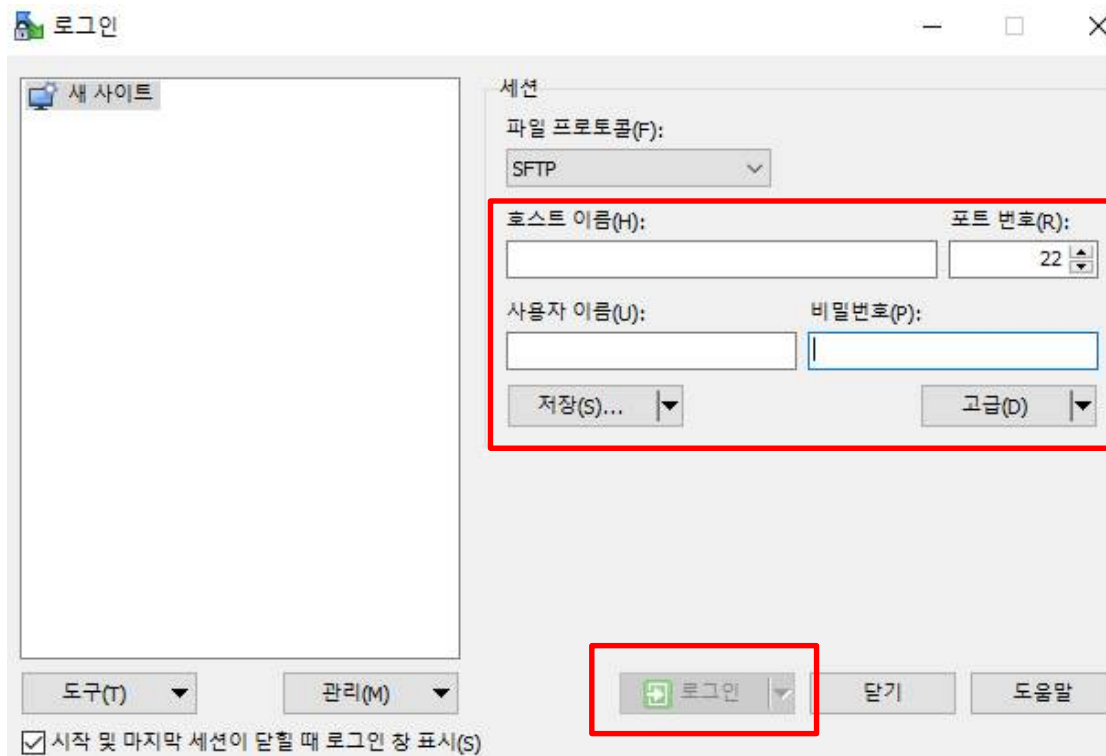
- windows에서 linux서버로 파일 전송 가능하게 해주는 SW
- winscp 설치(<https://winscp.net/>)





# Tibero Install

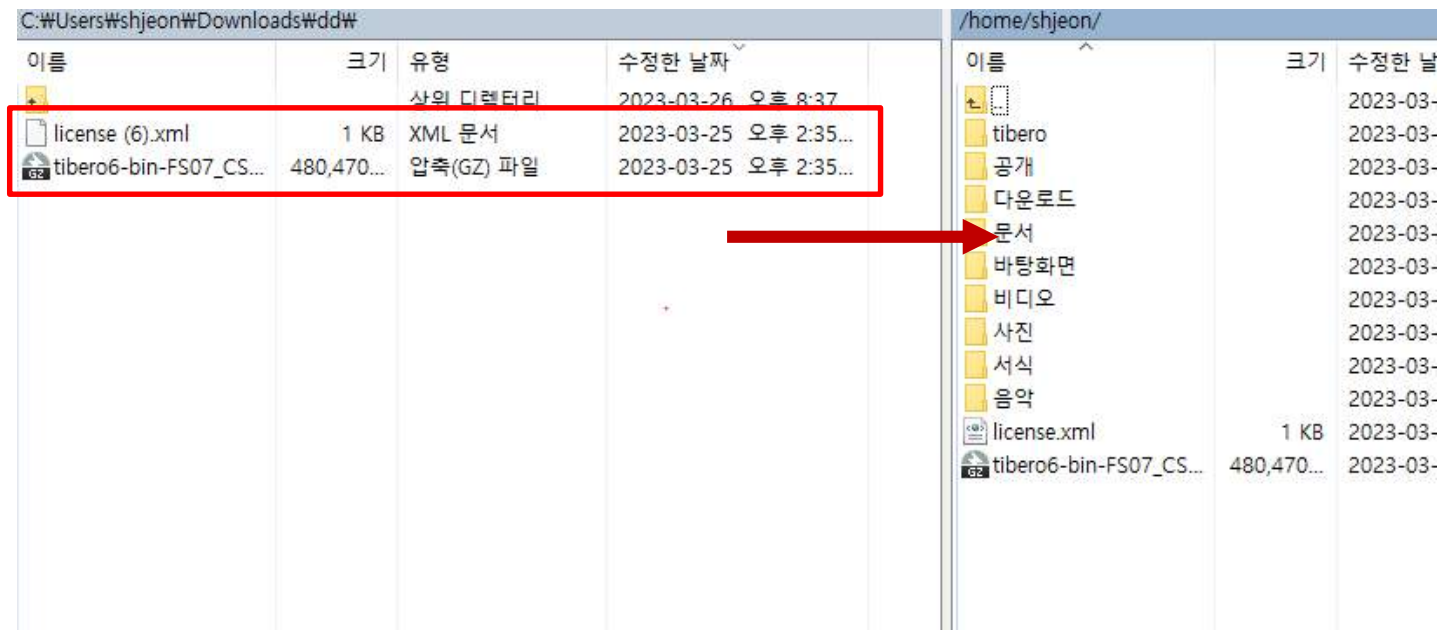
- IP, 사용자 이름, 비밀번호를 차례로 입력 후 로그인

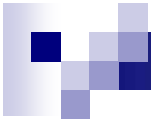


The screenshot shows the Tibero login window titled '로그인' (Login). The window is divided into two main sections. The left section is a large empty area with a tab labeled '새 사이트' (New Site). The right section contains the login form. At the top of the right section is a '세션' (Session) dropdown menu set to 'SFTP'. Below this are four input fields: '호스트 이름(H):' (Host Name), '포트 번호(R):' (Port Number), '사용자 이름(U):' (User Name), and '비밀번호(P):' (Password). The '호스트 이름(H):' and '포트 번호(R):' fields are highlighted with a red box. Below these fields are two buttons: '저장(S)...' (Save) and '고급(D)' (Advanced). At the bottom of the window, there is a '로그인' (Login) button with a green plus icon, which is also highlighted with a red box. To the right of the '로그인' button are '닫기' (Close) and '도움말' (Help) buttons. At the bottom left, there is a checkbox labeled '시작 및 마지막 세션이 닫힐 때 로그인 창 표시(S)' (Show login window when start and last session is closed).

# Tibero Install

- license.xml 과 tibero설치 파일을 드래그&드랍으로 리눅스에 옮기기
- /home/user/Download





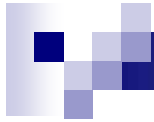
# Tibero Install

- `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

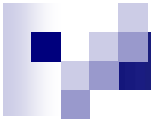
```
# For more information, see sysctl.conf(5) and sysctl(8)
#
kernel.shmmni = 4096
kernel.shmall = 2097152
kernel.shmmax = 2147483648
kernel.sem = 10000 32000 10000 10000
fs.file-max = 6815744
net.ipv4.ip_local_port_range = 1024 65500
```



# 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
```

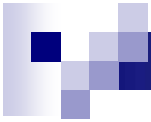


# Tibero Install

- 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

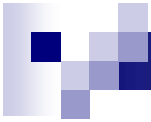


# Tibero Install

- `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

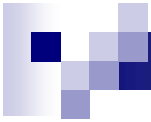
```
create database "tibero"
user sys identified by tibero
maxinstances 8
maxdatafiles 100
character set MSWIN949
national character set UTF16
logfile
  group 1 'log001.log' size 100M,
  group 2 'log002.log' size 100M,
  group 3 'log003.log' size 100M
maxloggroups 255
maxlogmembers 8
noarchivelog
datafile '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`
- `sys`와 `syscat` 암호 입력
- `sys - tibero`
- `syscat - syscat`
- 나머지 y누르면 됨.