

INF3180 : Fichiers et bases de données

Connexion à Oracle

Il existe différentes façons de se connecter à oracle. Voici quelques uns à titre d'exemple :

1) Un simple terminal sous Linux ou sous Mac

2) putty

Pour la connexion sécurisée... vers oracle

<http://www.putty.org/>

3) WinSCP

Pour le transfert de fichiers de votre ordinateur au serveur zeta2 de l'UQAM

<http://winscp.net/eng/index.php>

4) Oracle SQL Developer

<http://www.oracle.com/technetwork/developer-tools/sql-developer/overview/index.html>

[1] Terminal

- Connexion à zeta2 par ssh :
`ssh votre_code_MS@zeta2.labunix.uqam.ca`
- Connexion à Oracle
`sqlplus votre_code_MS`

[2] Putty

LEGAL WARNING: Use of PuTTY, PSCP, PSFTP and Plink is illegal in countries where encryption is outlawed. I believe it is legal to use PuTTY, PSCP, PSFTP and Plink in England and Wales and in many other countries, but I am not a lawyer and so if in doubt you should seek legal advice before downloading it. You may find [this site](#) useful (it's a survey of cryptography laws in many countries) but I can't vouch for its correctness.

Use of the Telnet-only binary (PuTTYtel) is unrestricted by any cryptography laws.

The files we offer below are cryptographically signed. We also supply cryptographically signed lists of MD5 checksums. To download our public keys and find out more about our signature policy, visit the [Keys page](#). If you need a Windows program to compute MD5 checksums, you could try the one at [this site](#). (This MD5 program is also cryptographically signed by its author.)

Binaries

The latest release version (beta 0.60). This will generally be a version I think trying out the latest development snapshot (below) to see if I've already fixed it.

For Windows on Intel x86

PuTTY:	putty.exe	(or by FTP)	(RSA sig)
PuTTYtel:	puttytel.exe	(or by FTP)	(RSA sig)
PSCP:	pscp.exe	(or by FTP)	(RSA sig)
PSFTP:	psftp.exe	(or by FTP)	(RSA sig)
Plink:	plink.exe	(or by FTP)	(RSA sig)
Pageant:	pageant.exe	(or by FTP)	(RSA sig)
PuTTYgen:	puttygen.exe	(or by FTP)	(RSA sig)

A ZIP file containing all the binaries (except PuTTYtel), and also the h Zip file: [putty.zip](#) (or by FTP) (RSA sig)

A Windows installer for everything except PuTTYtel

Installer: [putty-0.60-installer.exe](#) (or by FTP) (RSA sig)

MD5 checksums for all the above files

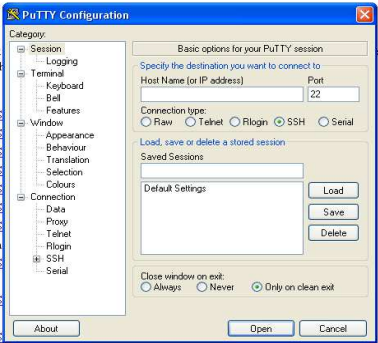
MD5sums: [md5sums](#) (or by FTP) (RSA sig)

The latest development snapshot. This will be built every day, automatically, from the current development code - in whatever state it's currently in. If you need a fix for a particularly crippling bug, you may well be able to find a fixed PuTTY here well before the fix makes it into the release version above. On the other hand, these snapshots might sometimes be unstable.

(The filename of the development snapshot installer contains the snapshot date, so it will change every night. It is not offered by FTP, because FTP does not support the redirect mechanism that implements this.)

For Windows on Intel x86

PuTTY:	putty.exe	(or by FTP)	(RSA sig)	(DSA sig)
PuTTYtel:	puttytel.exe	(or by FTP)	(RSA sig)	(DSA sig)



Paramètres de la Session

Host name : zeta2.labunix.uqam.ca

Port : 22

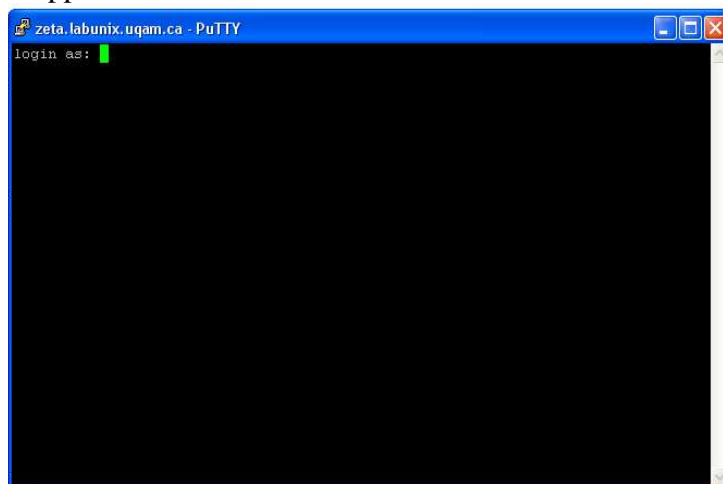
Connexion type : SSH

Cliquer ensuite sur « Open »

Section SSH

Se connecter à Oracle à partir de Putty via la fenêtre de putty

La fenêtre de Putty va apparaître comme suit :



Pui il faut taper :

1) username (Pour Username, il s'agit de votre code MS = 2 lettres en minuscules suivit de 4 chiffres)

2) password (Pour Password, il s'agit des 3 premières de votre nom de famille en majuscule suivit de votre NIP = 5 chiffres)

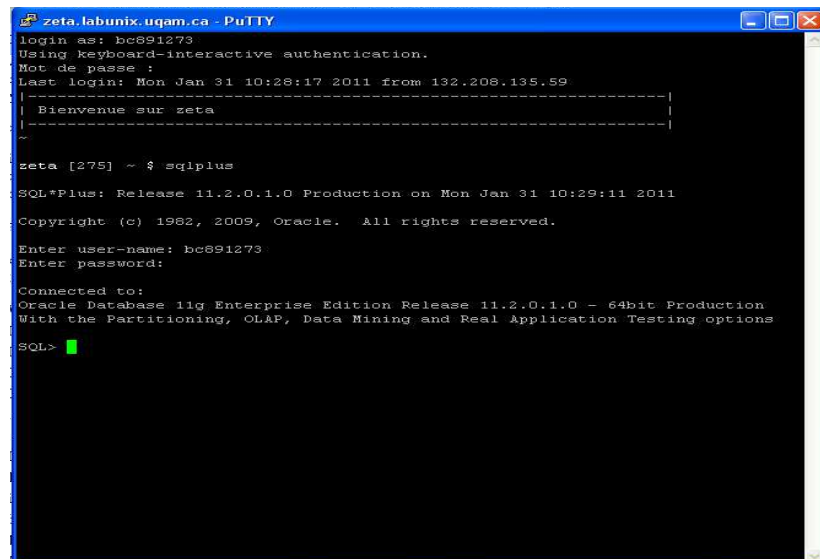
Sur le serveur, vous trouverez un fichier (oracle.txt) contenant votre login et password pour sqlplus. En prendre connaissance.

3) sqlplus

Si vous voyer l'invite de commande comme suit :

SQL>

C'est que vous êtes connectée à Oracle



```
zeta.labunix.ugam.ca - PuTTY
login as: bc891273
Using keyboard-interactive authentication.
Mot de passe :
Last login: Mon Jan 31 10:28:17 2011 from 132.208.135.59
|-----|
| Bienvenue sur zeta |
|-----|
~

zeta [275] ~ $ sqlplus

SQL*Plus: Release 11.2.0.1.0 Production on Mon Jan 31 10:29:11 2011


Copyright (c) 1982, 2009, Oracle. All rights reserved.

Enter user-name: bc891273
Enter password:

Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

SQL>
```

[3] WinSCP






Download Centrify Express

Centrify Express is the No. 1 choice of IT professionals for Active Directory-based authentication and single sign-on to cross-platform systems. Centrify Express is not only the quickest and easiest solution to use and deploy, for integrating UNIX, Linux, and Mac systems with Windows, but delivers more functionality and more to upgrade to when compared to other free offerings.

And best of all — it is free!


Centrify DirectManage Express plus PuTTY and WinSCP

Downloading and running Centrify DirectManage Express is the simplest and quickest way to get started with Centrify Express. Using Centrify DirectManage Express, you can discover the non-Windows systems on your network and then download and install the correct Centrify DirectControl Express agents for each system. **Note:** Please help us improve this Early Access edition of DirectManage Express by posting your comments, requests and questions on the [Centrify Express Community forums](#).

Platform	Version	Installer	Documentation
	Windows 95 and later, including Windows 7	Centrify DirectManage Express 32-bit —Early Access Edition Centrify DirectManage Express 64-bit —Early Access Edition [Updated January 6, 2011]	Quick Start Guide Admin Guide Release Notes
	Windows 95 and later, including Windows 7	Centrify-Enabled PuTTY PuTTY is a free, open source remote access client for Windows. Centrify provides a recompiled version that has been enhanced to provide seamless access to Centrify-managed systems. Learn more.	Centrify-Enabled PuTTY Guide Release Notes
	Windows 95 and later, including Windows 7	WinSCP WinSCP is a free, open source SFTP and FTP client for Windows. Centrify is providing the compiled version here without additional enhancements as a courtesy. DirectManage Express already includes it for remote access to UNIX and Linux systems where Centrify Express has been installed.	

Centrify DirectControl Express for Mac

Although Centrify DirectManage will download the correct DirectControl Express packages for you, you can also download the individual packages you need for each platform you want to join to Active Directory.

Platform	Version	Installer	Documentation
	Apple Mac OS X: 10.5.3+ on PPC, 10.5.3+ on Intel (32-bit)	Centrify Agent for Mac 10.5	Mac Quick Start Guide Centrify Express Admin Guide
	Apple Mac OS X: 10.5 on Intel (32/64-bit)	Centrify Agent for Mac 10.5	

Section Session

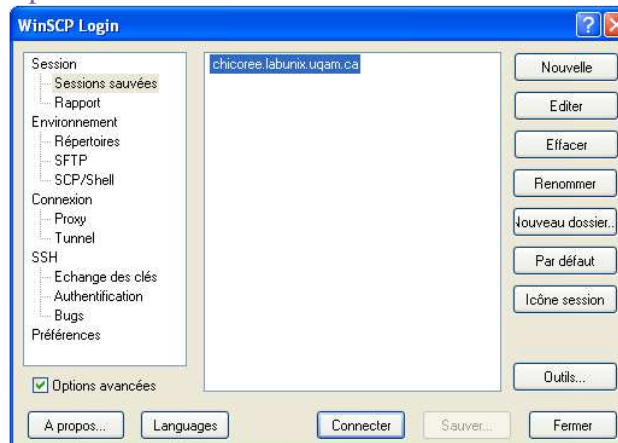
Host Name : zeta2.labunix.uqam.ca

Port : 22

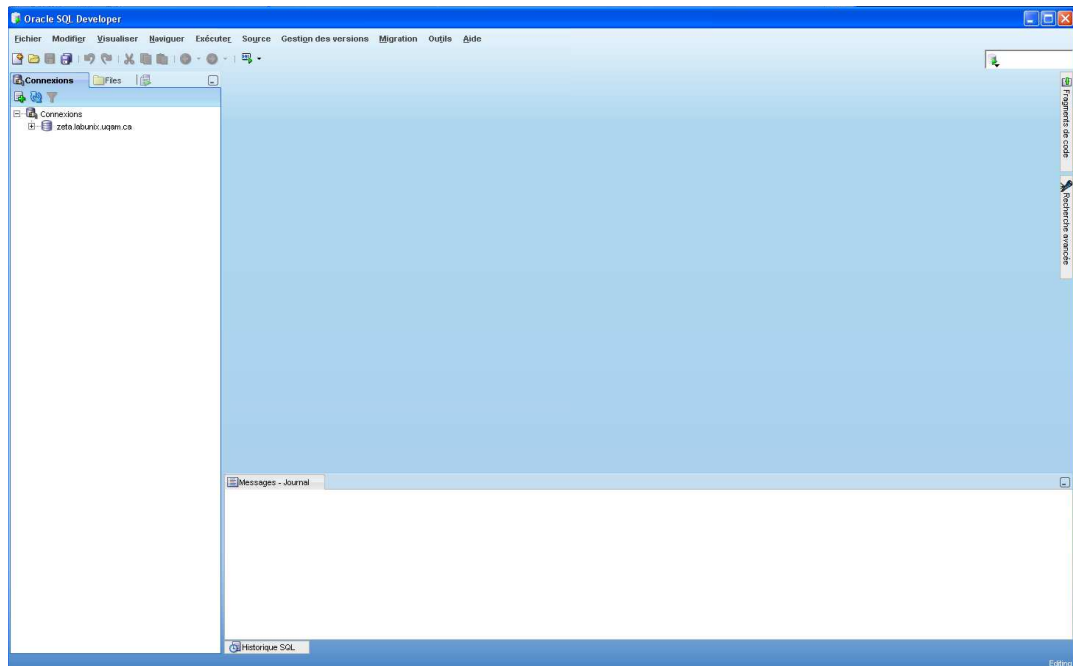
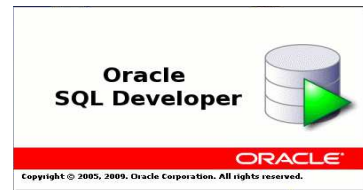
Protocole : sftp (allow scp fallback)

Section SSH

Mettre «Blowfish» en premier



[4] A partir d'oracle SQL Developer



A ce stade, une boîte va apparaître vous demandant quelques renseignements :

The image shows a dialog box titled "Nouvelle connexion de base de données/Sélectionner une connexion de base de données". It has a left pane with a tree view showing a connection named "zeta2.labunix.u...". The right pane contains the following fields and options:

- Nom de connexion: [Empty text box]
- Nom utilisateur: [Empty text box]
- Mot de passe: [Empty text box]
- ☐ Enregistrer le mot de passe
- Oracle - Access:
 - Rôle: default (dropdown)
 - Type de connexion: Basic (dropdown)
- Authentication options:
 - ☐ Authentification OS
 - ☐ Authentification Kerberos
 - ☐ Connexion proxy
- Nom d'hôte: localhost (text box)
- Port: 1521 (text box)
- Service:
 - ☒ SID: xe (text box)
 - ☐ Nom dg service: [Empty text box]

At the bottom, there is a "Statut:" label and a row of buttons: "Aide", "Enregistrer", "Effacer", "Tester", "Connexion", and "Annuler".

Pour les renseignements, faire comme suit:
Nom de connexion = zeta2.labunix.uqam.ca
Nom utilisateur comme toujours votre code MS
Votre Password = Se trouvant sur le fichier oracle.txt

Nom d'hôte = zeta2.labunix.uqam.ca

Pour le port laisser 1521 (port par défaut)

SID = baclab

Cliquer sur tester pour voir si tout est correct, si oui cliquer sur connexion.

Remarque : Vous pouvez cocher la case de « Enregistrer le mot de passe » pour éviter des erreurs par la suite.