

AML Manager Guide (various guides consolidated)

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Last updated: 4/22/2010

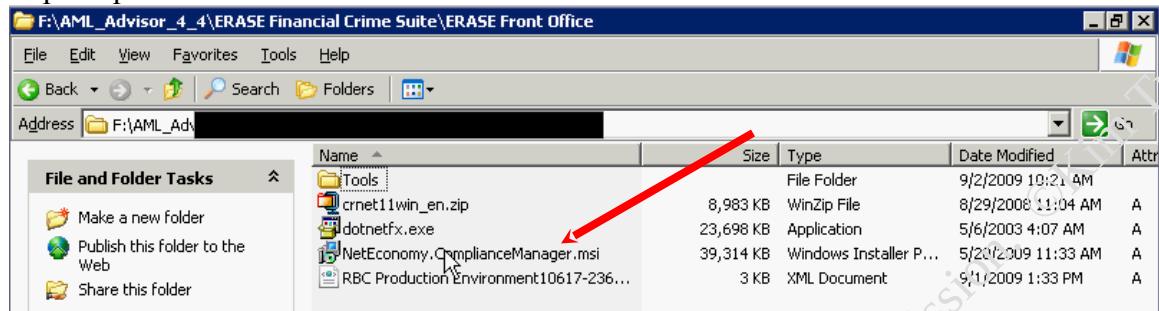
Version	By	Notes/Comments
1.0	Kim Tran	Creation of aml manager guide – consolidation of the guides...contents/screenshots taken from video created by Lewis Lebron

Before Beginning:

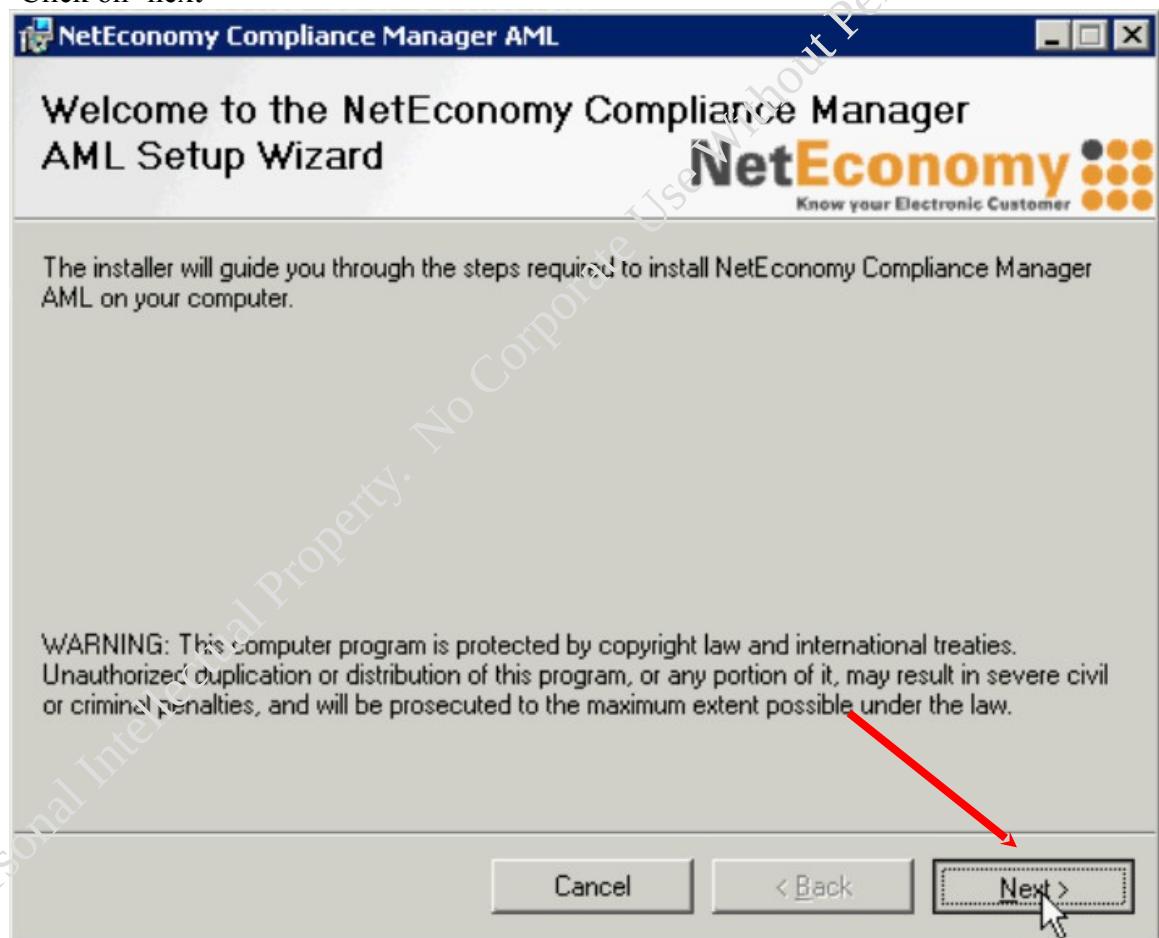
It's advised that you get all relevant/correct information for the fields from support or your systems/network administrator

Installing and Registering the AML Manager license

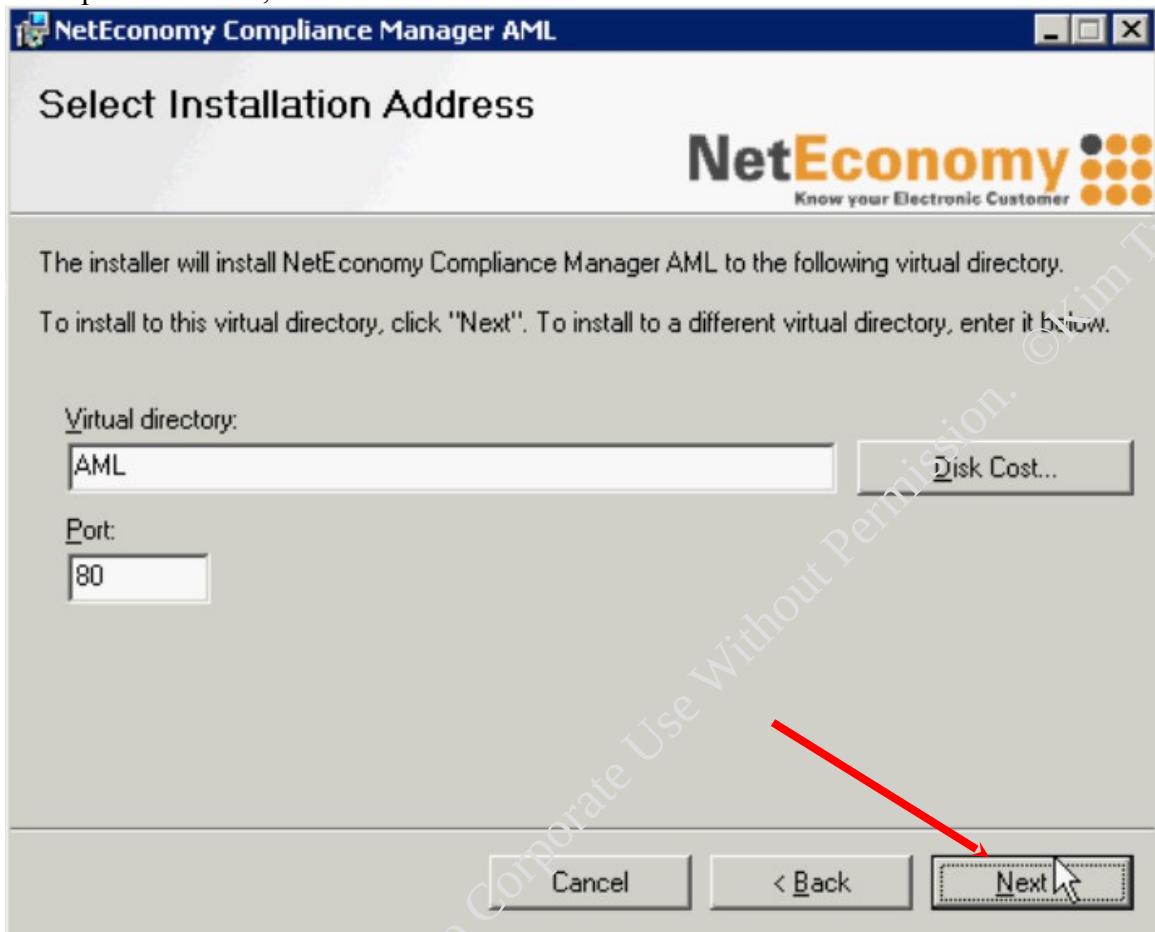
-Open up the installation file



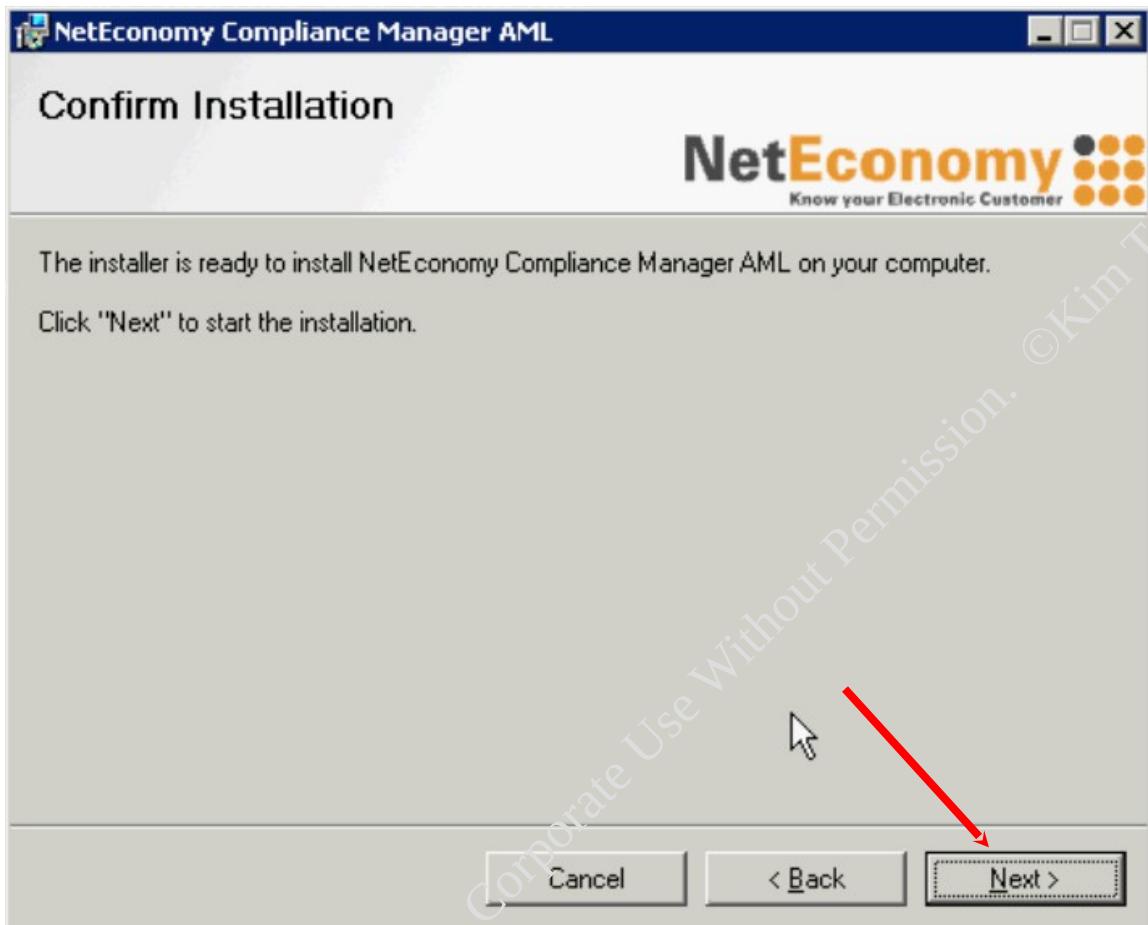
-Click on 'next'



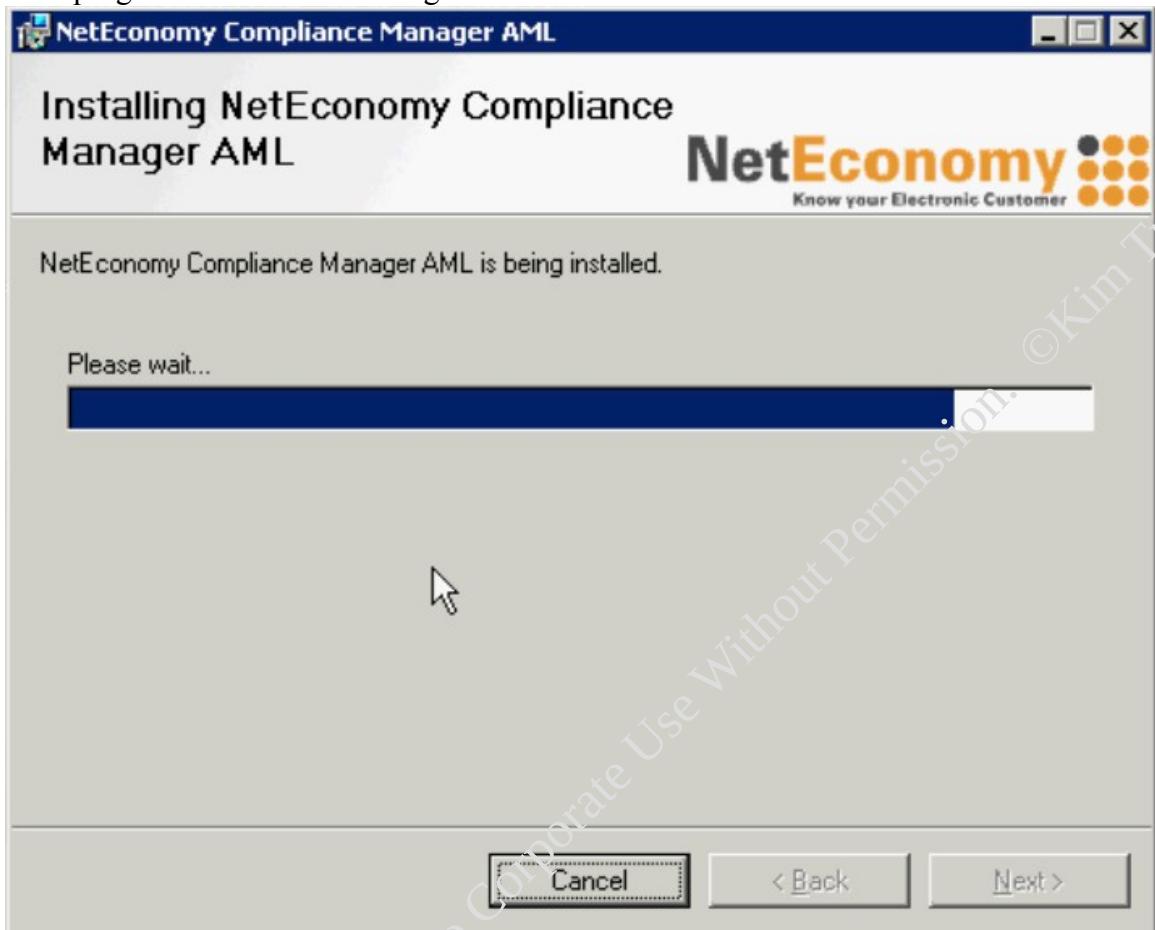
-Accept the defaults, click on 'next'



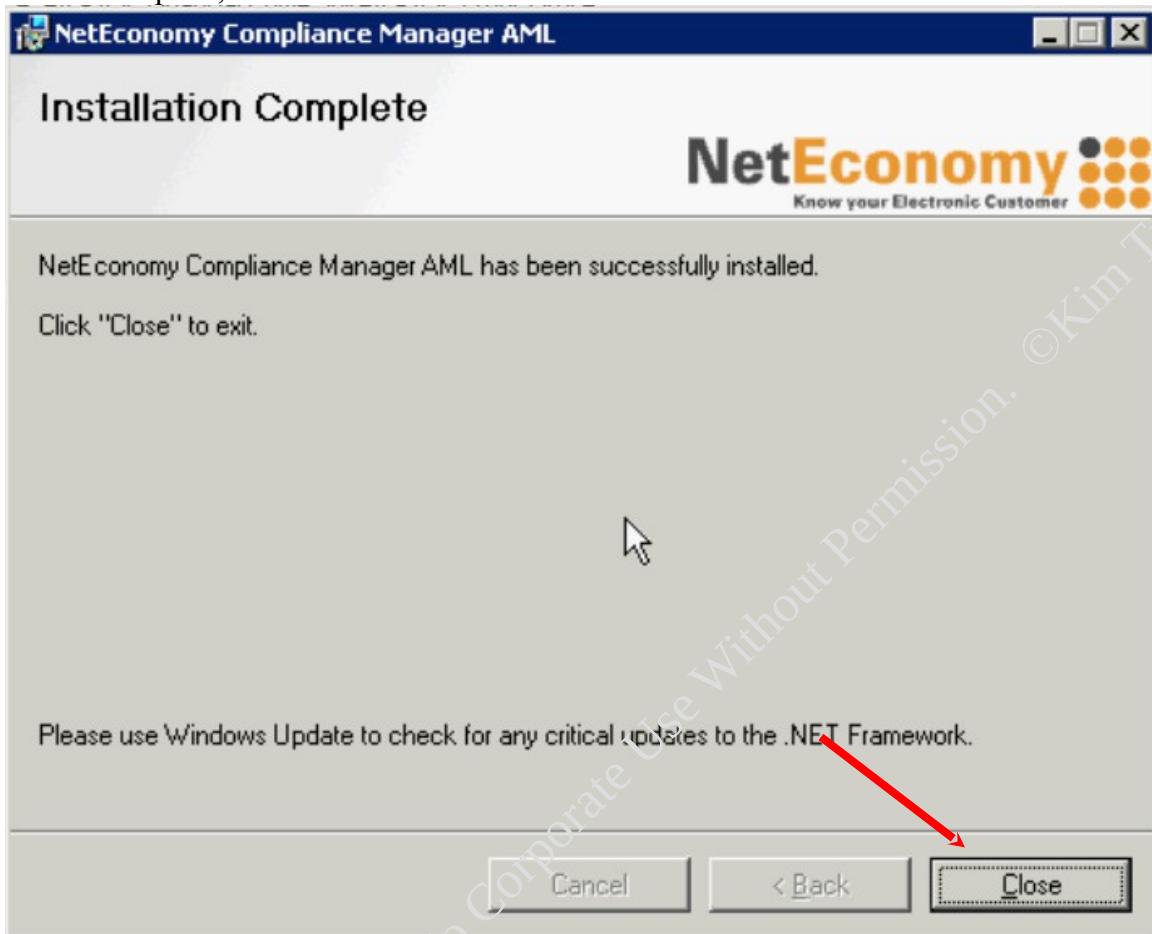
-Click on 'next'



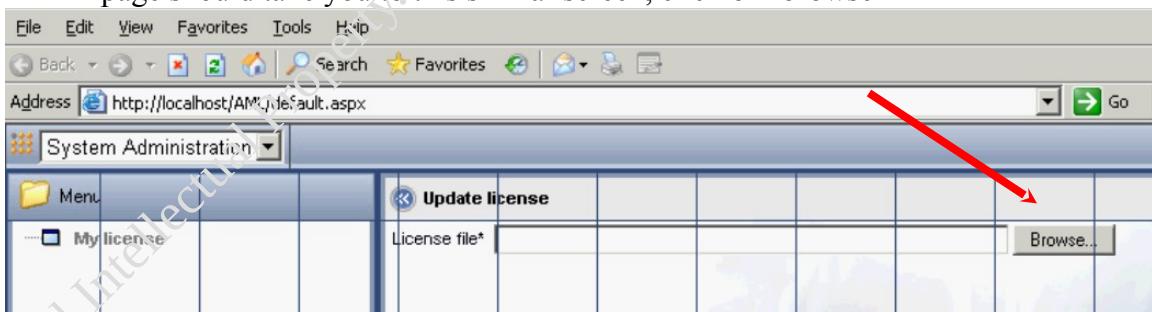
-The program should be installing



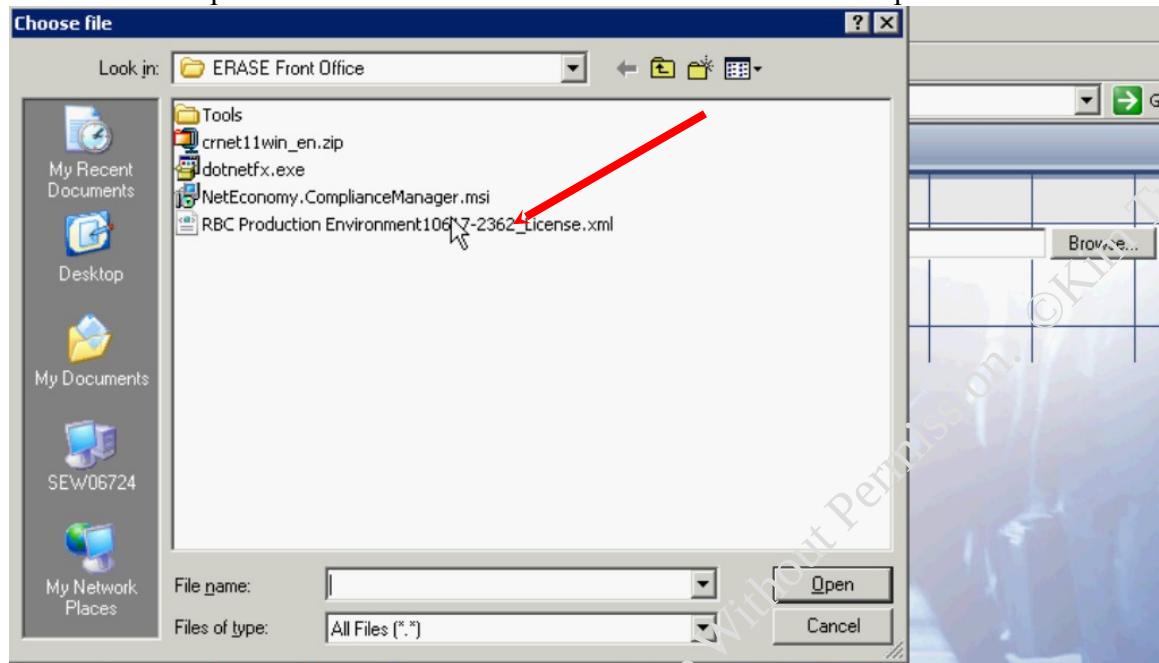
-When complete, click on 'close'



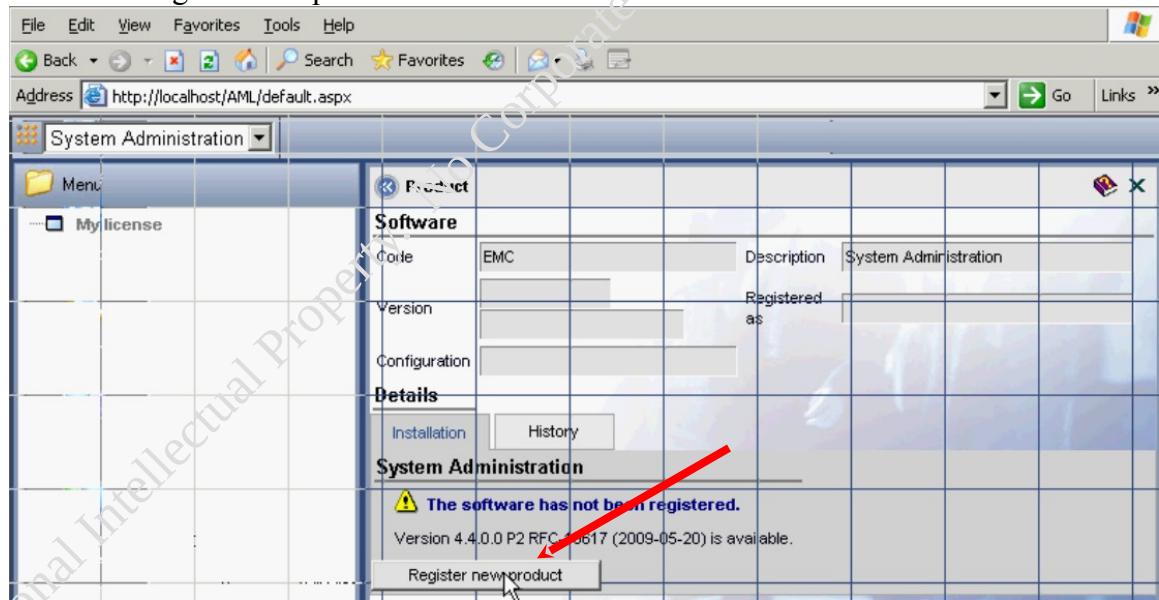
-An IE page should take you to this similar screen, click on 'browse'



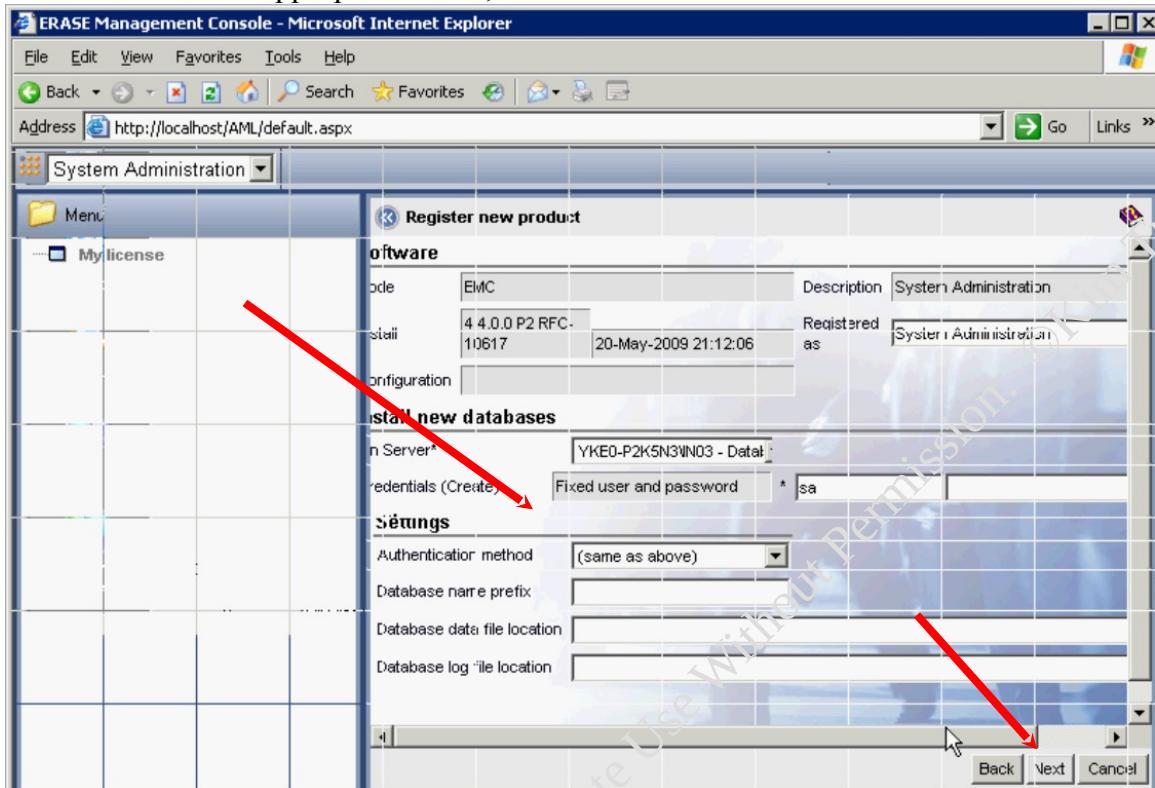
- Select the license file, then click ‘open’ (or just double click on the license file)
- Click on the ‘upload’ button after the license file has been selected/opened



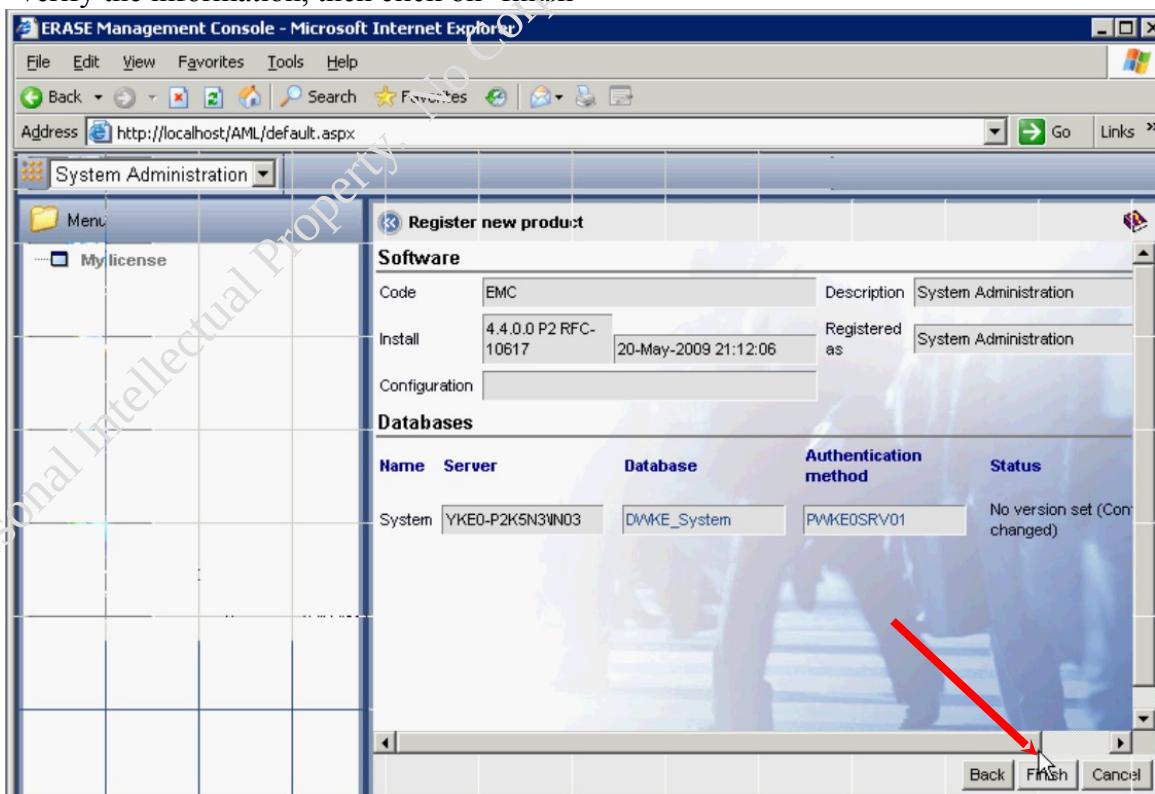
- Click on ‘register new product



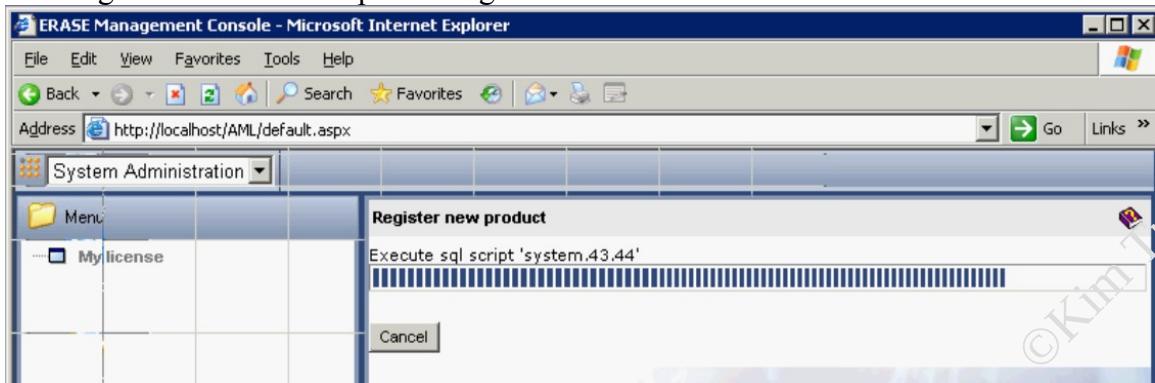
-Fill in / correct the appropriate fields, then click on 'next'



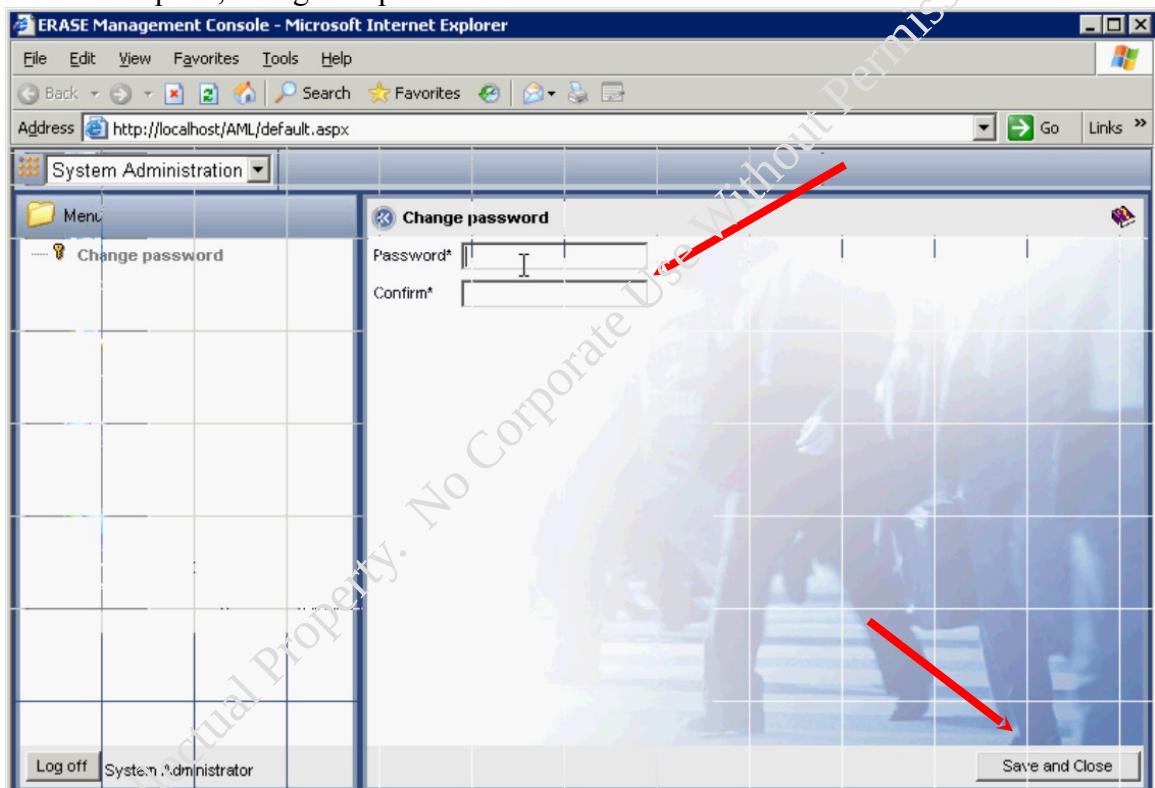
-Verify the information, then click on 'finish'



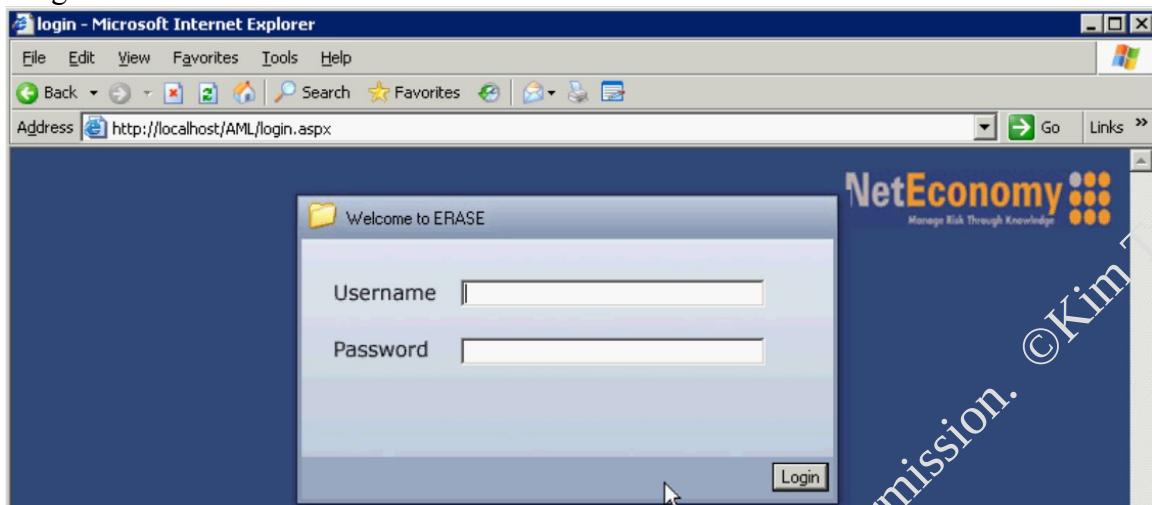
-The registration should be processing



-When complete, change the password then click 'save and close'



-Login



-You should see this similar screen, when ready, ‘log off’

System Administration

GENERAL | CONFIGURATION

System information

General	
Total users	1
Total groups	0
Total roles	4

Blocked users

User	Name	IP	Time	Blocked
No results				

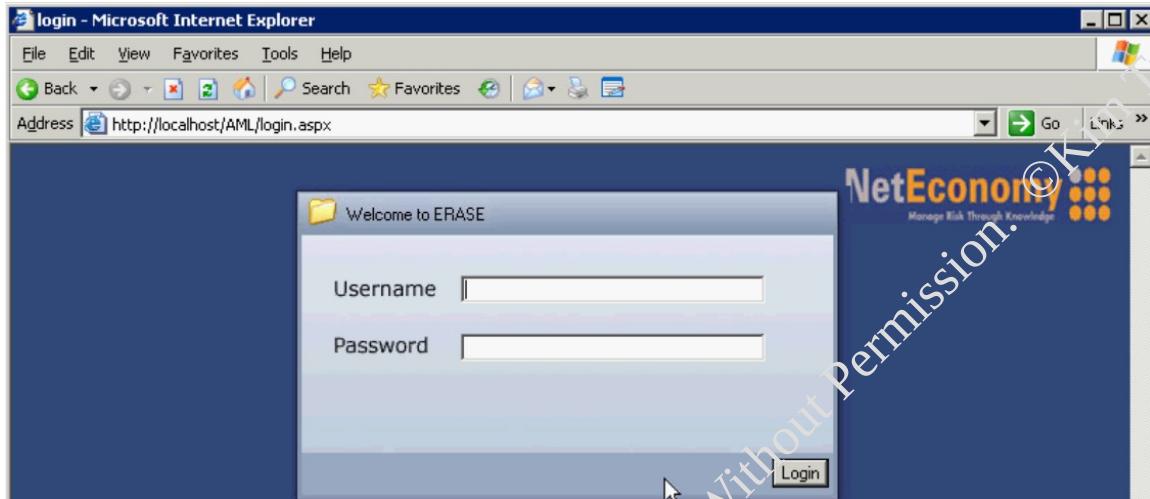
New data today (more...)

User	Category	Created	Description
No results			

Log off

Registering the Production Installation/Database

-Log into site/program



-Go to the 'configuration' tab

A screenshot of the "ERASE Management Console" in Microsoft Internet Explorer. The title bar says "ERASE Management Console - Microsoft Internet Explorer". The address bar shows "http://localhost/AML/default.aspx". The left sidebar shows a tree view of "System Administration" with nodes like "Organization", "My companies", "Authorization", "Role management", "Overviews", "Events", "Audit", and "Job history". The main content area has tabs "GENERAL" and "CONFIGURATION", with "CONFIGURATION" highlighted by a red arrow. Under "System information" in the configuration tab, there are sections for "General" (with values: Total users: 1, Total groups: 0, Total roles: 4), "Blocked users" (No results), and "New data today (more...)". At the bottom, there are navigation links: "Log off" and "System Administrator".

-Go to ‘my license’ link

The screenshot shows the 'ERASE Management Console - Microsoft Internet Explorer' window. The left sidebar contains a tree view of system administration categories. A red arrow points to the 'My license' item under the 'Installation and updates' section. The main content area displays 'System information' with sections for General (Total users: 1, Total groups: 0, Total roles: 4), Blocked users (No results), and New data today (more...). Below these are tables for User Category and Created.

-Go to ‘rbc aml’ link

The screenshot shows the 'ERASE Management Console - Microsoft Internet Explorer' window, specifically the 'My license' page. The left sidebar is identical to the previous screenshot. The main content area shows 'License information' (Company: Fiserv Checktree Software, License number: 10617-2362, Description: Production License (M4097 for customers only) ERASE Compliance Manager 4.4 (5 Users), Issued: 27-Aug-2009, Valid until: 31-Dec-9999) and a 'Details' section with tabs for Software, History, Targets, and Report. A red arrow points to the 'Available products' table. This table lists products by Code (EMC, AML) and Description (System Administration, RBC AML). The 'Registered' column shows the date 08-Sep-2009. An 'Update' button is at the bottom right of the table.

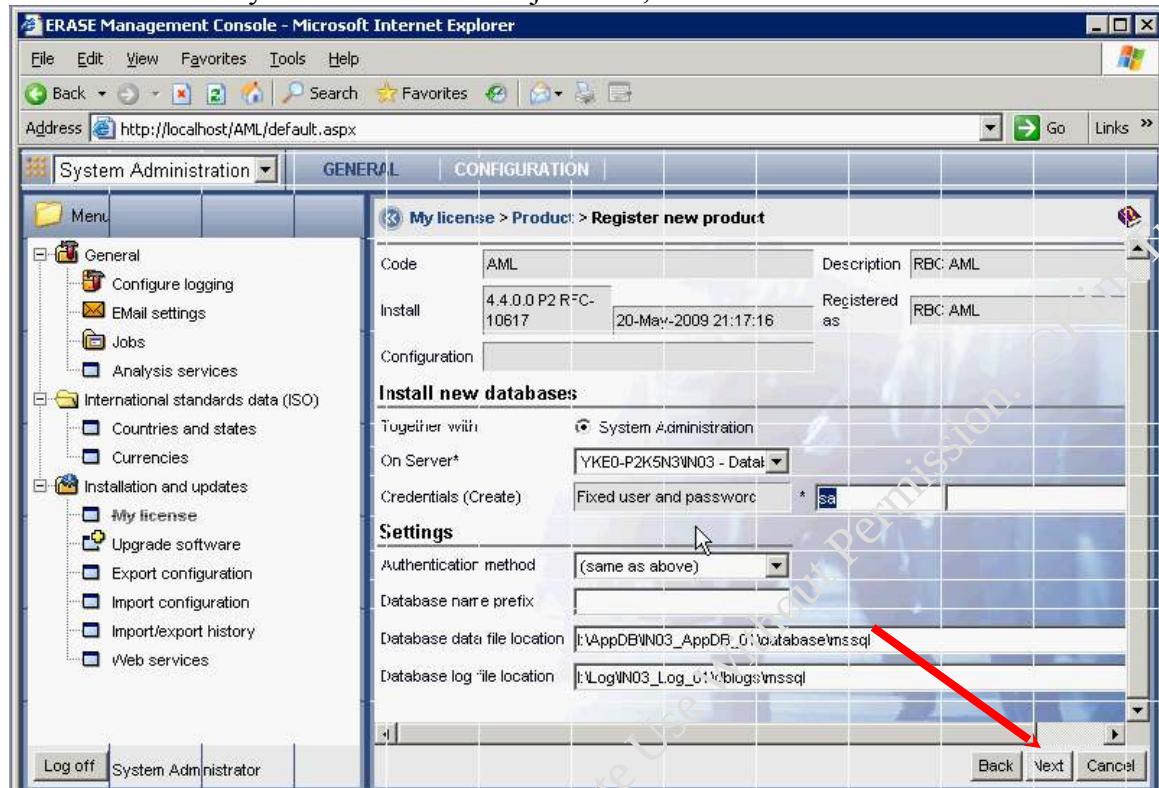
-Go to ‘register new product’

The screenshot shows the 'ERASE Management Console - Microsoft Internet Explorer' window. The address bar shows 'http://localhost/AML/default.aspx'. The main content area has tabs 'GENERAL' and 'CONFIGURATION' at the top. On the left, there's a navigation tree with 'General', 'International standards data (ISO)', 'Installation and updates', and 'My license' expanded. Under 'My license', options like 'Upgrade software', 'Export configuration', etc., are listed. The right panel shows a table for 'Software' with one row for 'AML'. Below the table, a message says 'The software has not been registered.' and 'Version 4.4.0.0 P2 RFC-10617 (2009-05-20) is available.' A prominent red arrow points to the 'Register new product' button at the bottom of this message area.

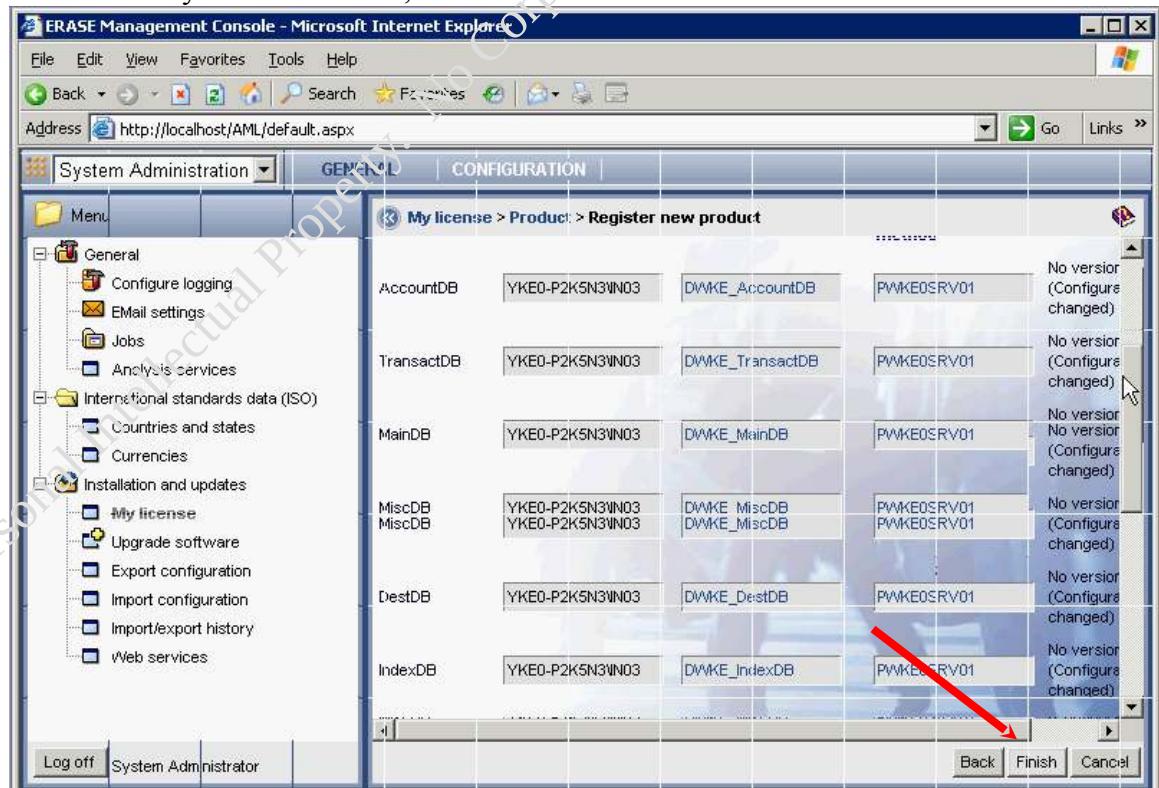
Click on ‘next’ at this screen

This screenshot shows the 'My license > Product > Register new product' screen. It has a similar layout with tabs 'GENERAL' and 'CONFIGURATION'. The left navigation tree is identical to the previous screen. The right panel shows the 'Software' table with the 'AML' row. Below it, a section titled 'Role assignments' lists five roles: 'Compliance Supervisor' (Administrator), 'Case Management supervisor' (Administrator), 'Compliance Analyst' (Administrator), 'Fraud Analyst' (Administrator), and 'Administrator AML' (Administrator). At the bottom right, there are buttons for 'Back', 'Next', and 'Cancel', with a red arrow pointing to the 'Next' button.

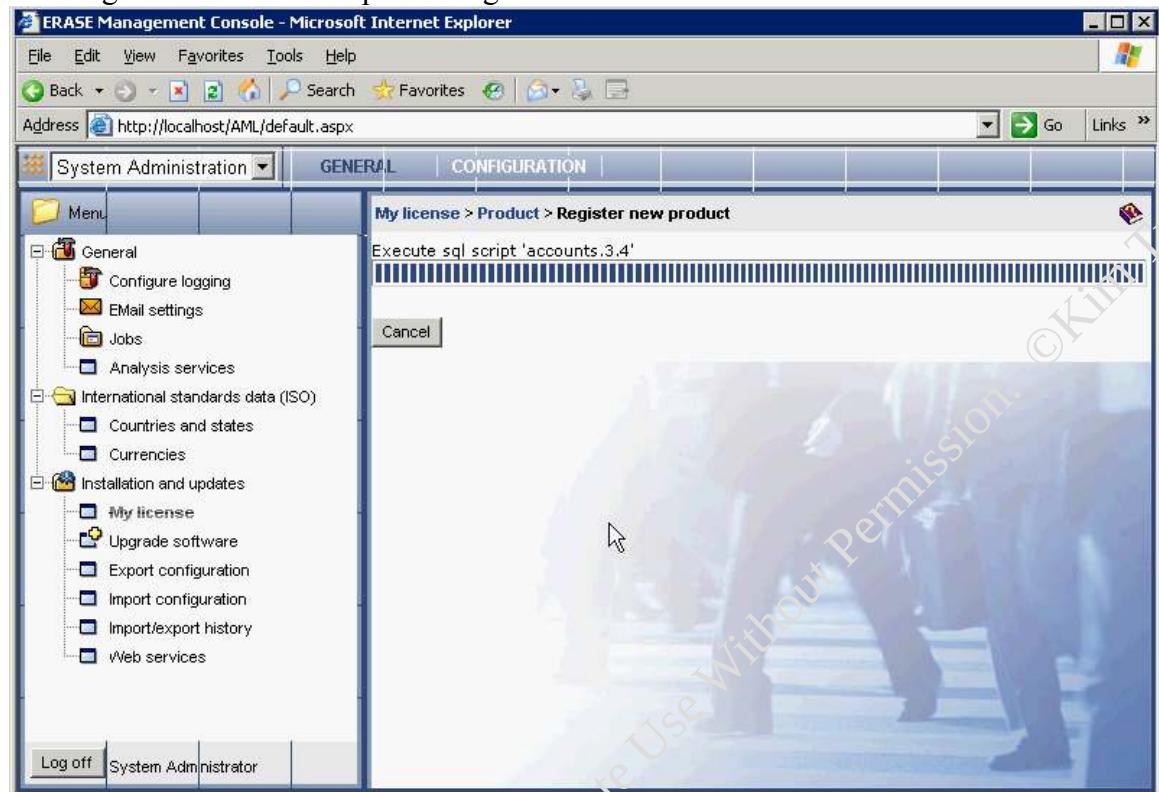
-Fill in / correct any entries that needs adjustment, then click ‘next’



-Fill in / verify the information, then click ‘finish’



-The registration should be processing



-When complete, you should see this similar screen

The screenshot shows the ERASE Management Console interface in Microsoft Internet Explorer. The title bar reads "ERASE Management Console - Microsoft Internet Explorer". The menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar has Back, Forward, Stop, Refresh, Home, Search, Favorites, and Links buttons. The address bar shows the URL "http://localhost/AML/Default.aspx?Product=895A5C32-6CD3-4298-9840-DCA5A9F4604D&Function=". The main content area has tabs: ALERT, INVESTIGATE, TRACK, REPORT, and CONFIGURE. The ALERT tab is selected. On the left is a navigation tree under "RBC AML": Alerts (Unassigned Alerts, List Matching alerts, All List Matching Alerts, Add Alert, Search Alerts), Risk Views (Customers, Accounts, Transactions, Custom Risk Views). The central panel displays "System Statistics" and "User Statistics" tables. The "System Statistics" table includes rows for All Alerts (Total 0), Unassigned Alerts (0), Unassigned Listmatching Alerts (0), Unassigned Incidents (0), Cases Under investigation (0), Cases Closed (0), Reports Generated (0), Reports Confirmed (0), and Exempt persons up for renewal (0). The "User Statistics" table includes rows for My Alerts (Total 0), My List Matching Alerts (0), My Cases (0), and Reports To be Checked (0). Below these are sections for "Tasks Due Today" (empty) and "Cases Last Viewed" (empty).

-Select 'system administration' from the drop down box

The screenshot shows the same ERASE Management Console interface as above, but with a red arrow pointing to the "System Administration" option in the navigation tree. The navigation tree now includes: RBC AML, My Menu, System Administration (Alert Definitions, Alert Rules, Alert Types, Alert Actions, Alert Reassignment, Data Transport Filters, Reminders, Maintenance, Permissions, Document Templates, Default Dates, Doc Report Settings, Static Tables, Workflows, Case Management Configuration), and Risk configuration. The rest of the interface remains the same, displaying the "System Statistics" and "User Statistics" tables and the "Tasks Due Today" and "Cases Last Viewed" sections.

-Verify /adjust any information as needed, then 'log off'

ERASE Management Console - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Home Go Links

Address http://localhost/AML/Default.aspx?Product=895A5C32-6CD3-4298-9840-DCA5A9F4604D&Function=

System Administration GENERAL CONFIGURATION

My license

License information

Company: Fiserv Checkfree Software

License number: [REDACTED] (for customer's only) ERASE Compliance Manager 4.4 (5 Users)

Issued: 27-Aug-2009 Valid until: 31-Dec-9999

Details

Software History Targets Report

Available products

Code	Description	Registered
EMC	System Administration	08-Sep-2009
AML	RBC AML	08-Sep-2009

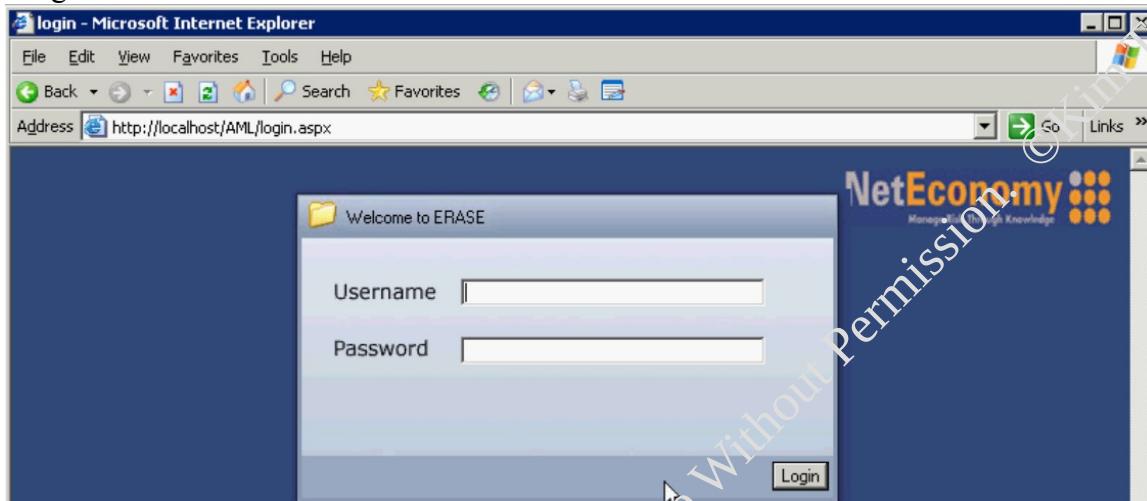
Log off System Administrator

http://localhost/AML/Function.aspx?Product=5498581D-D12A-4AFF-BDDC-
EL>0 Local intranet

Personal Intellectual Property. No Corporate Use Without Permission.

Setup and Configuration of the Scheduler Service ID

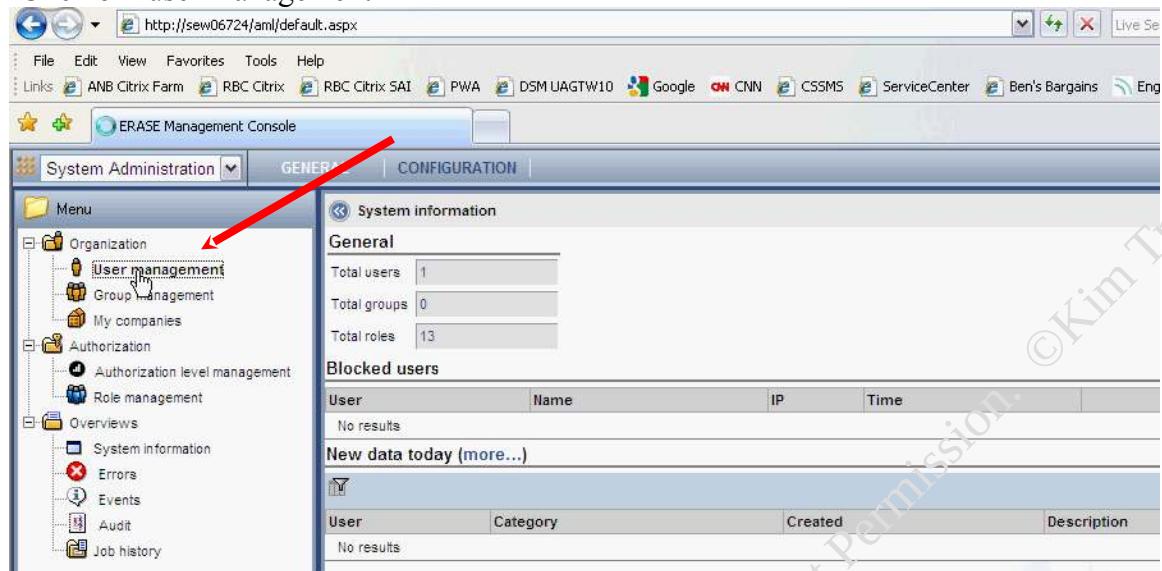
-Login



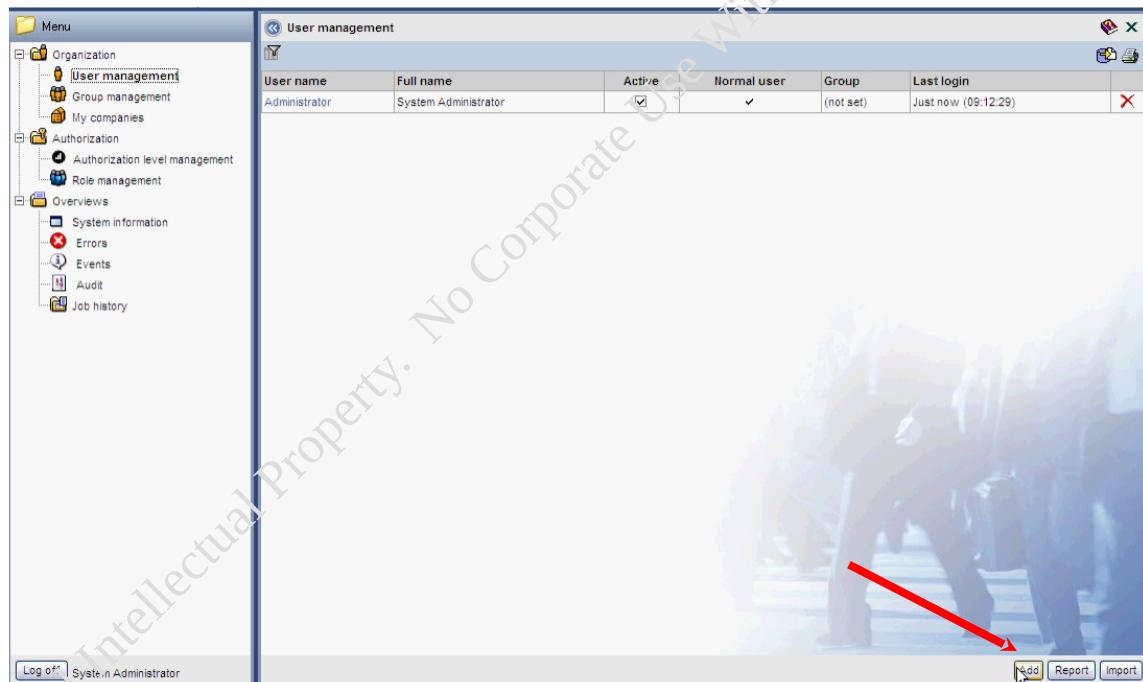
-Select 'system administration' from the drop down box

The screenshot shows the ERASE Management Console interface. On the left, there is a navigation tree with several categories like RBC AML, My Menu, System Administration, Data Transport Filters, Reminders, Maintenance, Permissions, Document Templates, Default Dates, Dcc Report Settings, Static Tables, Workflows, Case Management Configuration, and Risk configuration. The 'System Administration' item is highlighted with a red arrow. The main content area displays 'System Statistics' with various counts such as All Alerts (0), Unassigned Alerts (0), Unassigned Listmatching Alerts (0), Unassigned Incidents (0), Cases Under Investigation (0), Cases Closed (0), Reports Generated (0), Reports Confirmed (0), and Exempt persons up for renewal. It also shows 'User Statistics' and 'User status' (Availability: Available). Below these are sections for 'Tasks Due Today' (No results) and 'Cases Last Viewed'.

-Click on ‘user management’



-Click on ‘add’



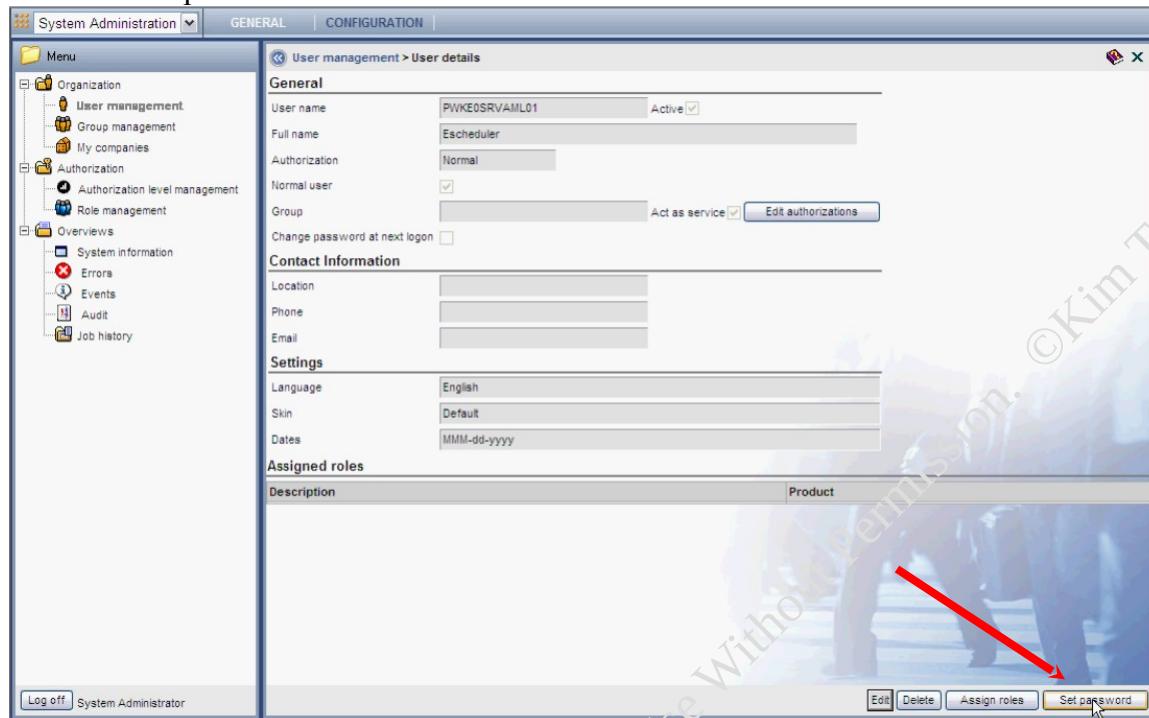
-Fill in / correct the appropriate fields, then click ‘save and close’

The screenshot shows the 'User management > Add user' dialog box. The 'GENERAL' tab is selected. In the 'General' section, the 'User name*' field is empty and highlighted with a red border. Other fields include 'Full name' (empty), 'Authorization' (set to 'Normal'), 'Normal user' (checkbox checked), 'Group' (empty), and 'Act as service' (checkbox unchecked). The 'Contact Information' and 'Settings' sections are also visible. At the bottom right are 'Save and Close' and 'Cancel' buttons.

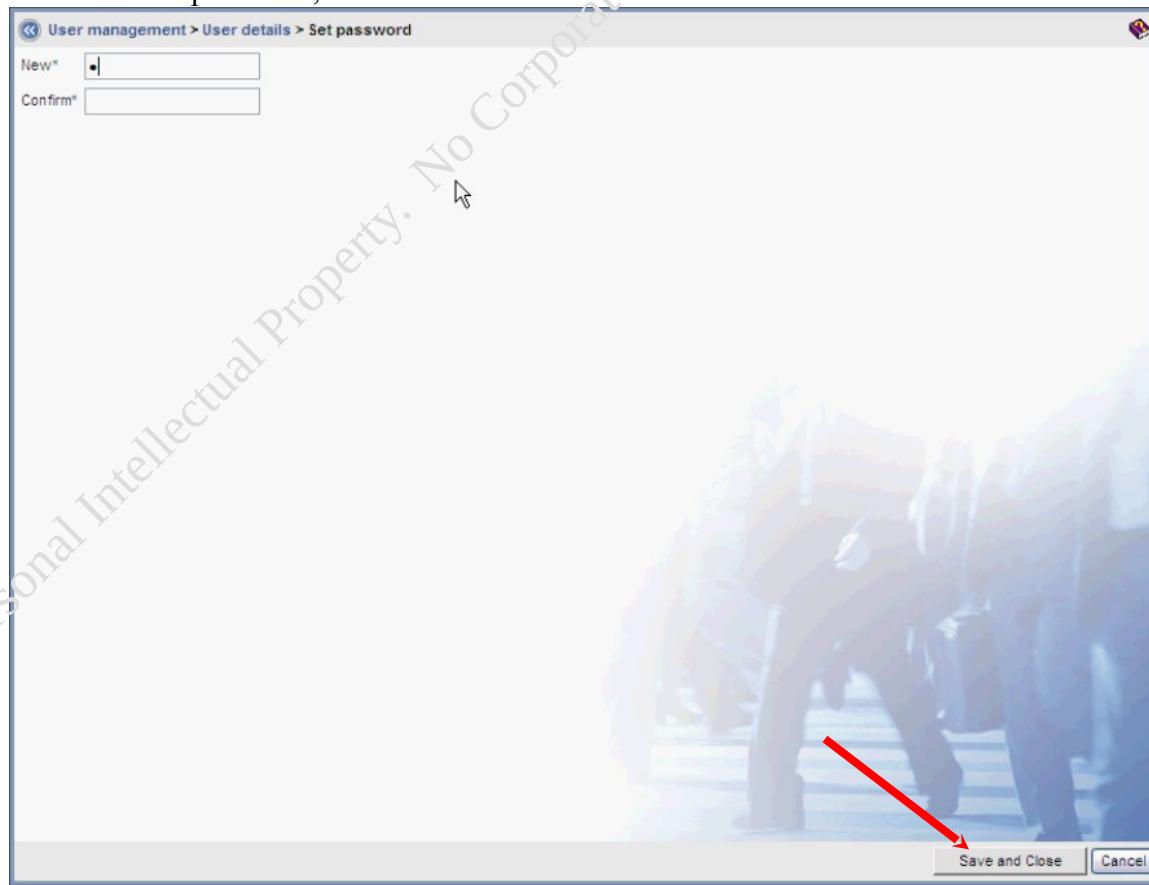
-You should see this similar screen, then click on the newly created user

User name	Full name	Active	Normal user	Group	Last login	
Administrator	System Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(not set)	Just now (09:12:29)	
PWKE0SRVAML01	Echeduler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(not set)		

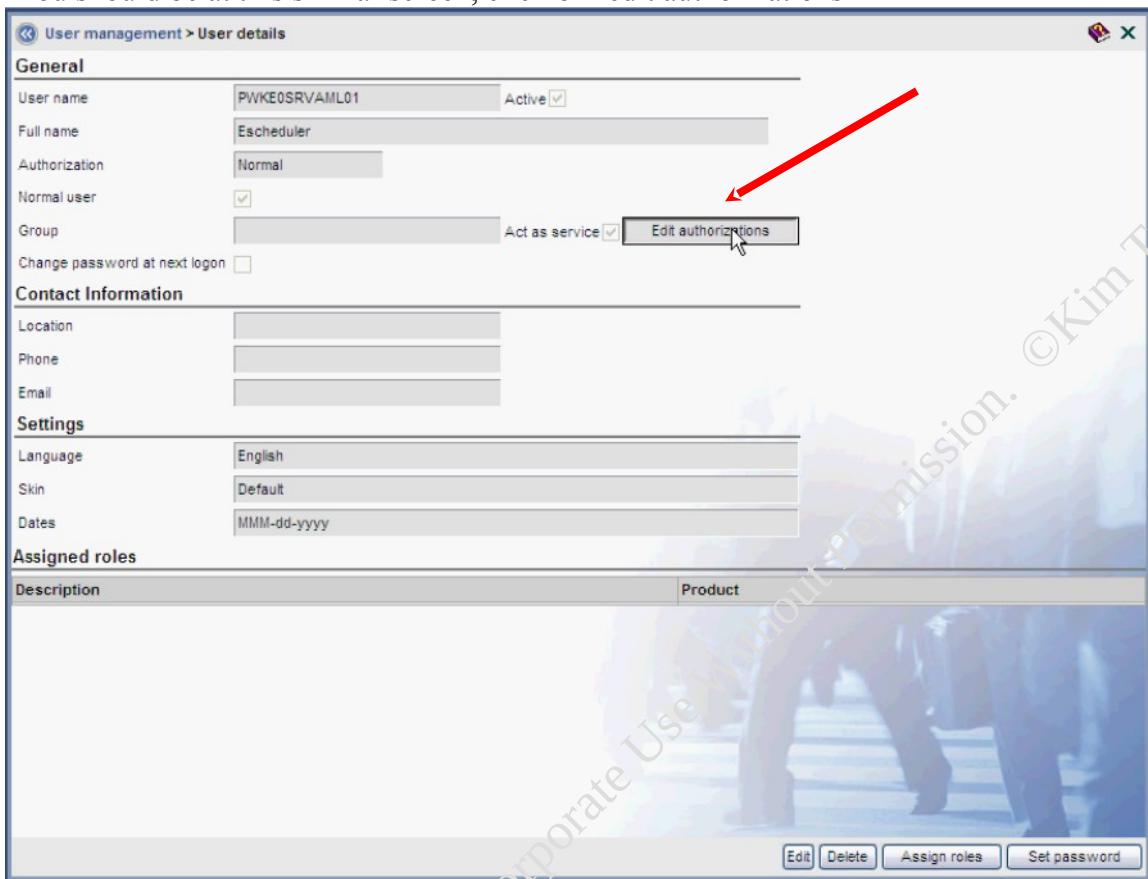
-click on 'set password'



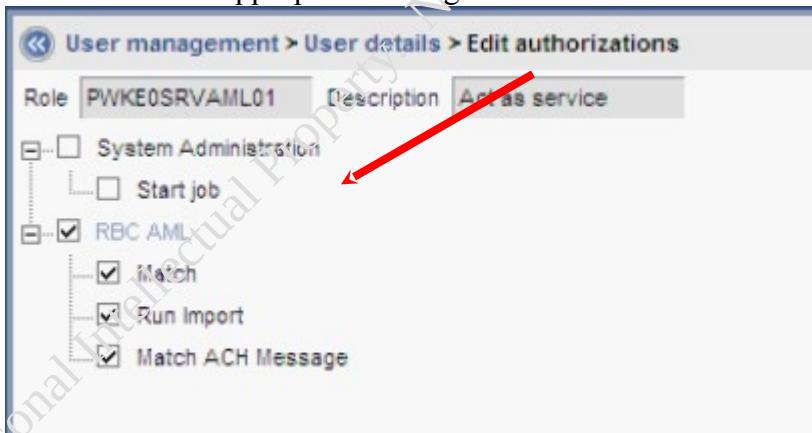
-Enter in new password, then click 'save and close'



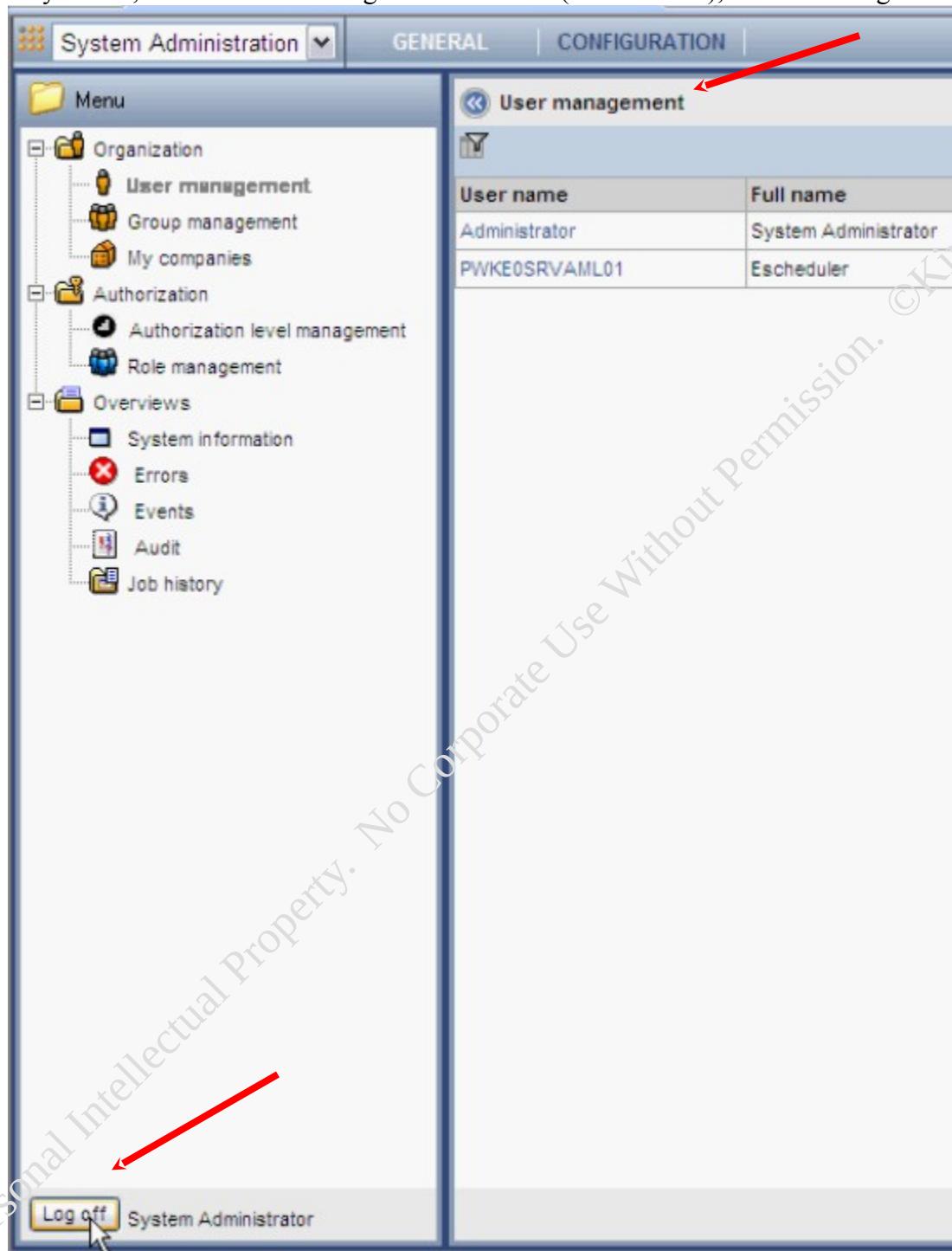
-You should be at this similar screen, click on ‘edit authorizations’



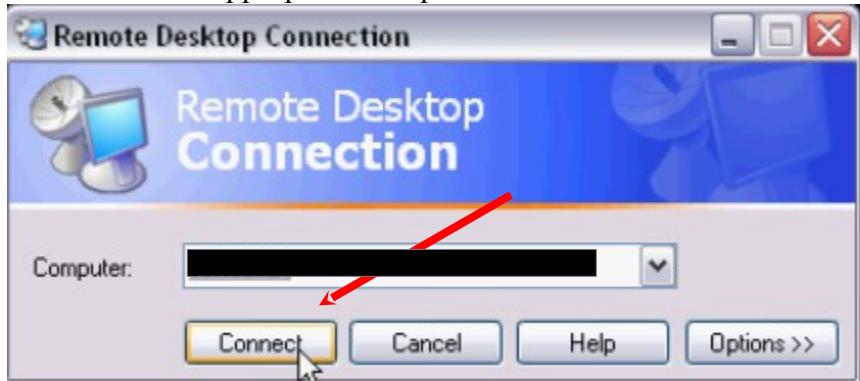
-Edit/correct the appropriate settings



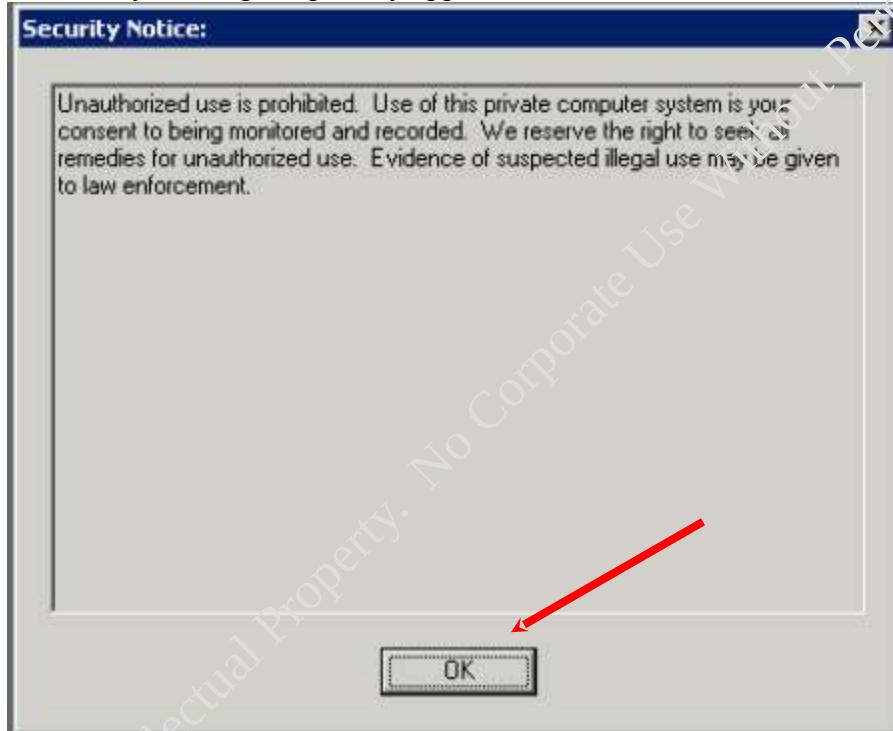
-If you like, click on ‘user management’ to return (OPTIONAL), then click ‘log off’



- Open up ‘remote desktop connection’ (from start menu, or other shortcut)
- Connect to the appropriate computer/workstation



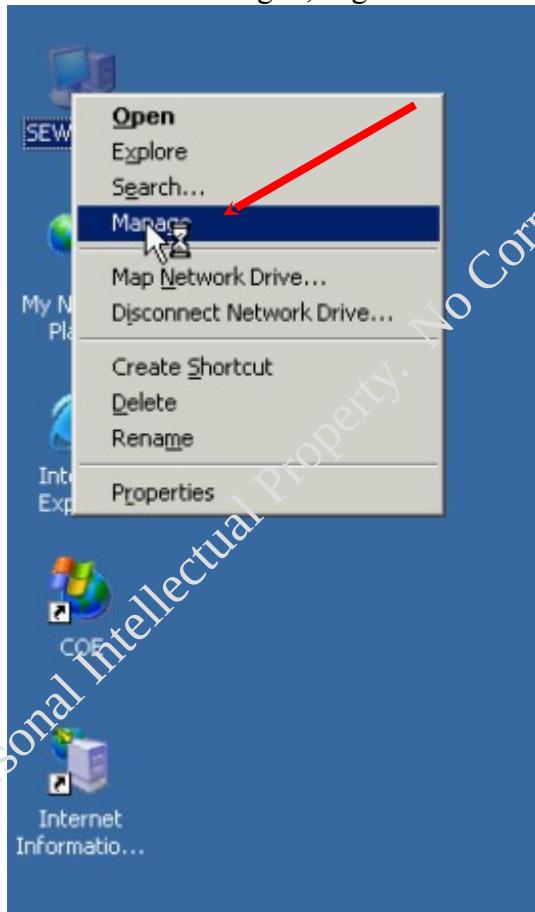
- A security notice prompt, may appear, if so, click ‘ok’



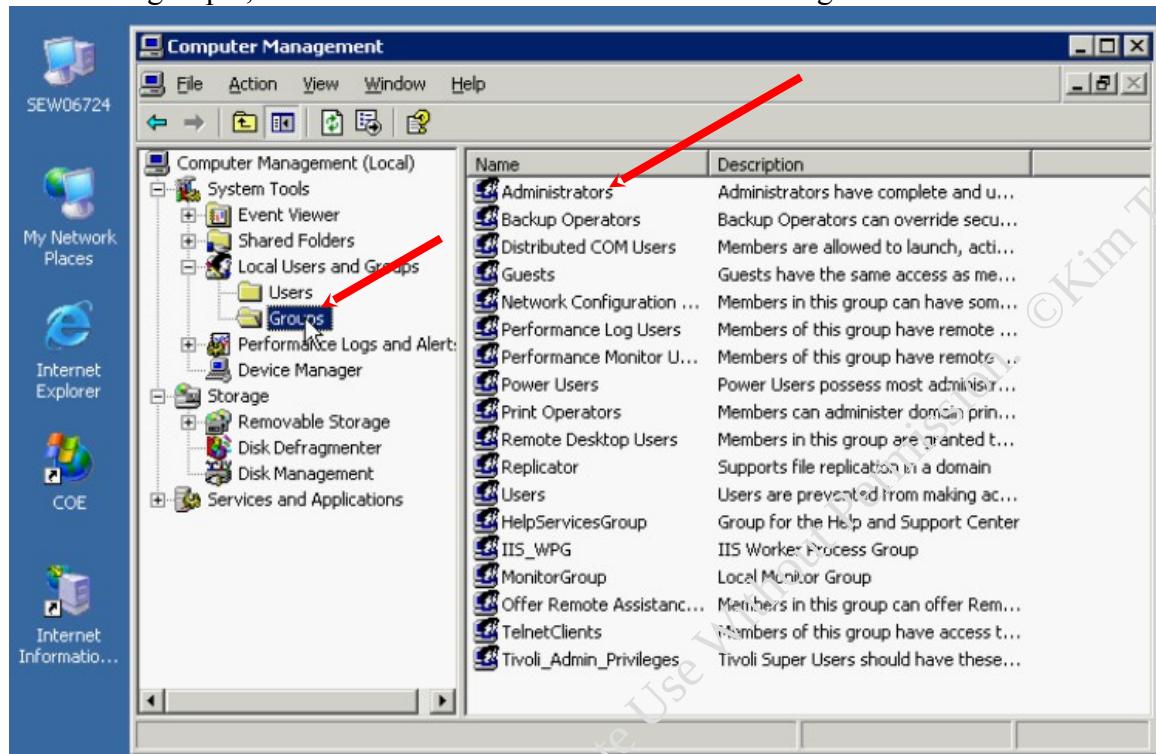
-Enter in the appropriate login credentials, then click ‘ok’



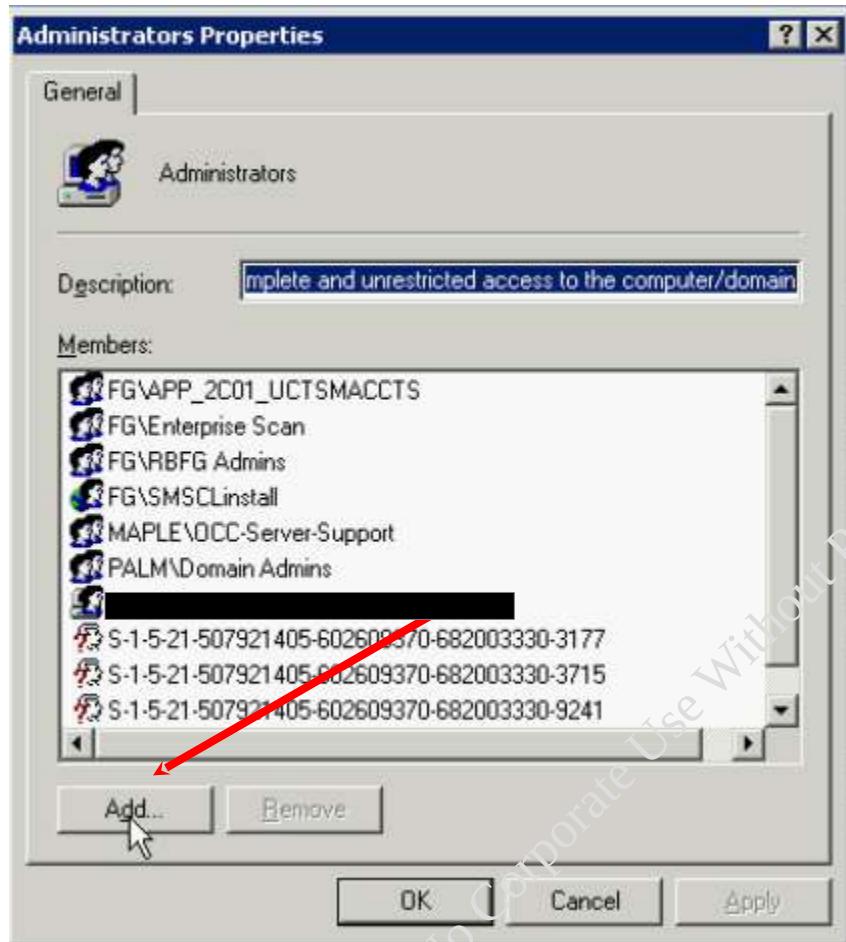
-After successful logon, ‘right click’ on the computer icon, and click on ‘manage’



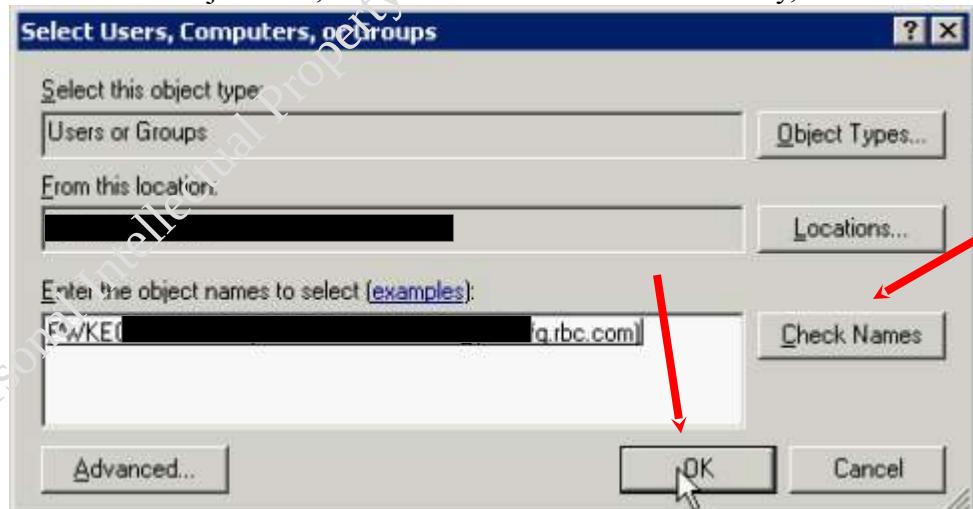
- Computer management should open, expand (+) the ‘local users and groups’
- Click on ‘groups’, then double click on ‘administrator’ in the right side window



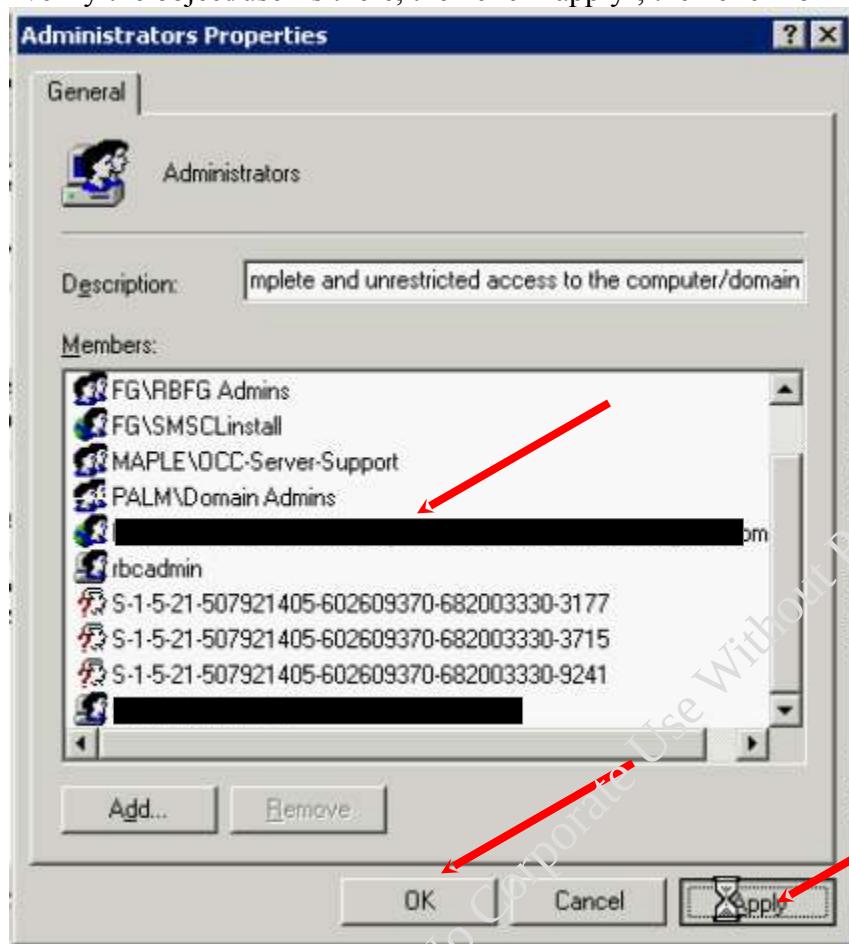
-Click on 'add'



-Enter in the object/user, then click on 'check name' to verify, then click 'ok'



-Verify the object/user is there, then click ‘apply’, then click ‘ok’



- Open up the command prompt from the start menu, or 'start > run > cmd'
- Navigate to the appropriate directory:

In this example: (cd) c:\winnt\microsoft.net\framework\v1.1.4322

- Run the installation:

In this example:

installutil F:\webroot\

The screenshot shows a Windows Command Prompt window titled 'C:\WINNT\system32\cmd.exe'. The command history and output are as follows:

```
C:\>cd winnt
C:\WINNT>cd microsoft.net
C:\WINNT\Microsoft.NET>cd framework\v1.1.4322
C:\WINNT\Microsoft.NET\Framework\v1.1.4322>cd installutil neteconomy.framework.scheduler.exe
The system cannot find the path specified.

C:\WINNT\Microsoft.NET\Framework\v1.1.4322>cd installutil
The system cannot find the path specified.

C:\WINNT\Microsoft.NET\Framework\v1.1.4322>installutil neteconomy.framework.scheduler.exe
Microsoft (R) .NET Framework Installation utility Version 1.1.4322.573
Copyright (C) Microsoft Corporation 1998-2002. All rights reserved.

Exception occurred while initializing the installation.
System.IO.FileNotFoundException: File or assembly name neteconomy.framework.scheduler.exe, or one of its dependencies, was not found...
C:\WINNT\Microsoft.NET\Framework\v1.1.4322>installutil F:\webroot\aml\bin\neteconomy.framework.scheduler.exe
```

- When successful, a login prompt should appear, enter in the appropriate credentials



- When successful, the installation/command should have completed successfully
- You may close the command prompt, click the 'x' or type 'exit'

```
C:\WINNT\system32\cmd.exe
The file is located at f:\webroot\aml\bin\neteconomy.framework.scheduler.InstallLog.
Installing assembly 'f:\webroot\aml\bin\neteconomy.framework.scheduler.exe'.
Affected parameters are:
assemblypath = f:\webroot\aml\bin\neteconomy.framework.scheduler.exe
logfile = f:\webroot\aml\bin\neteconomy.framework.scheduler.InstallLog
Installing service ERASE Scheduler...
Service ERASE Scheduler has been successfully installed.
Creating EventLog source ERASE Scheduler in log Application...

The Install phase completed successfully, and the Commit phase is beginning.
See the contents of the log file for the f:\webroot\aml\bin\neteconomy.framework.scheduler.exe assembly's progress.
The file is located at f:\webroot\aml\bin\neteconomy.framework.scheduler.InstallLog.
Committing assembly 'f:\webroot\aml\bin\neteconomy.framework.scheduler.exe'.
Affected parameters are:
assemblypath = f:\webroot\aml\bin\neteconomy.framework.scheduler.exe
logfile = f:\webroot\aml\bin\neteconomy.framework.scheduler.InstallLog

The Commit phase completed successfully.

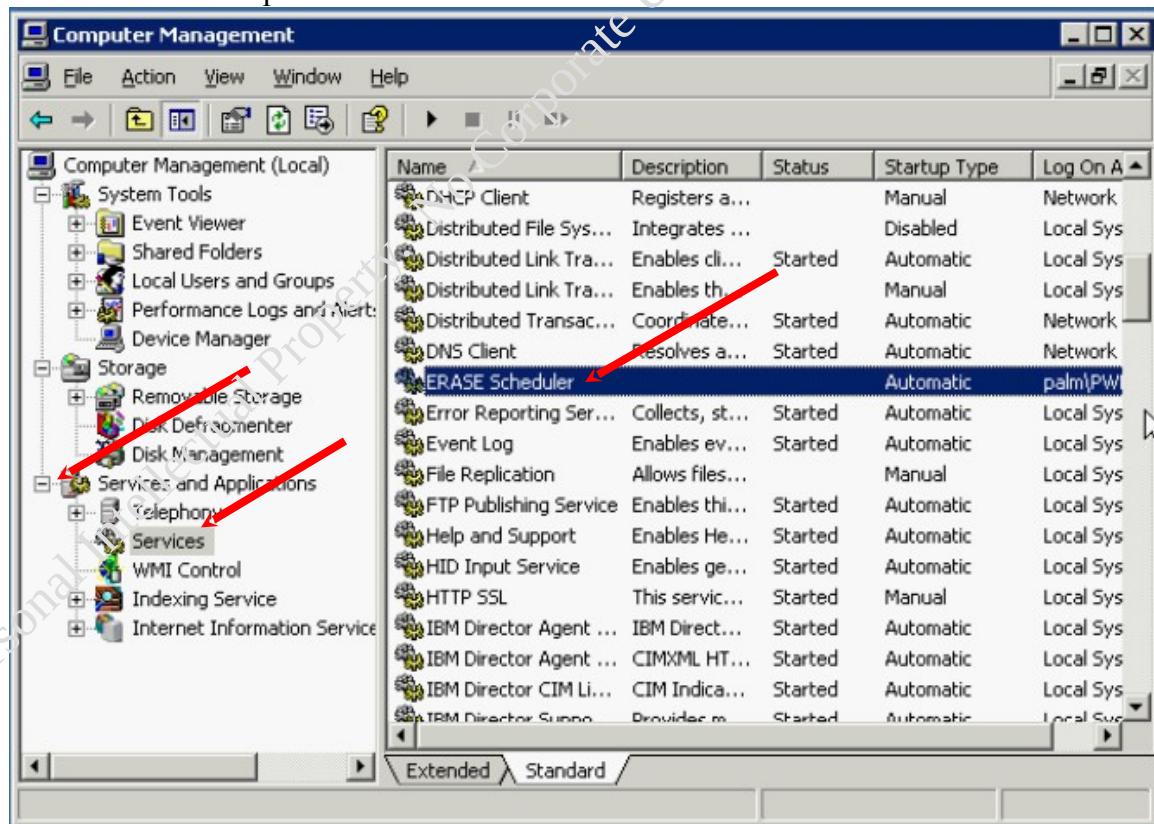
The transacted install has completed.

C:\WINNT\Microsoft.NET\Framework\v1.1.4322>
```

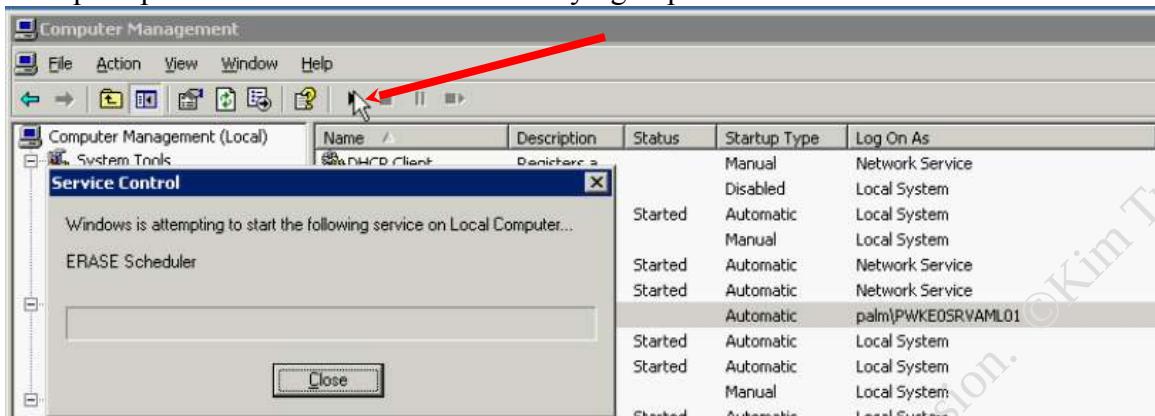
- At the computer management window, expand ‘services and applications’

-Click on ‘services’ then click on the appropriate file to select (highlight) it

In this example: erase scheduler



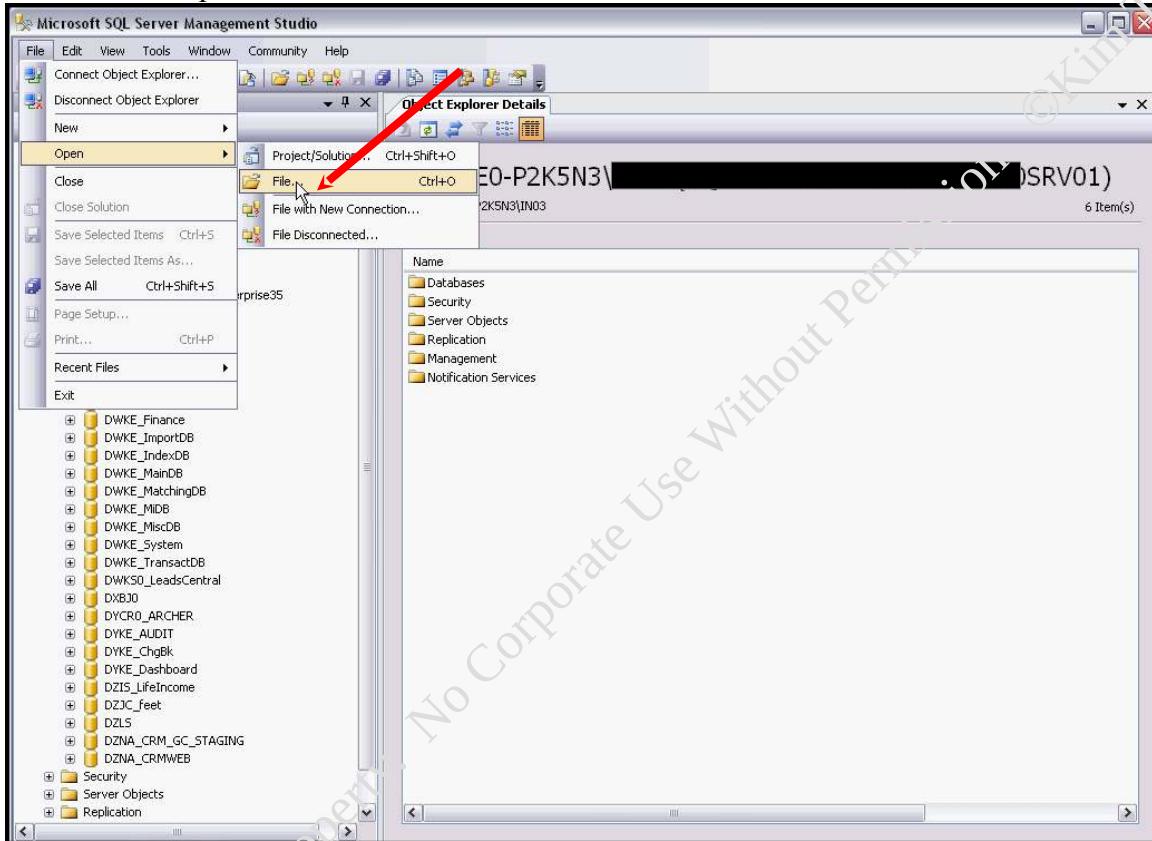
- Click on the ‘start service’ (play) button
- The prompt should indicate the service is trying to process/start



- When complete, close out of all applications/windows and log out of the remote desktop connection

Install Legislation packs in SQL

- Open the sql management studio
- Go to 'file > open > file'

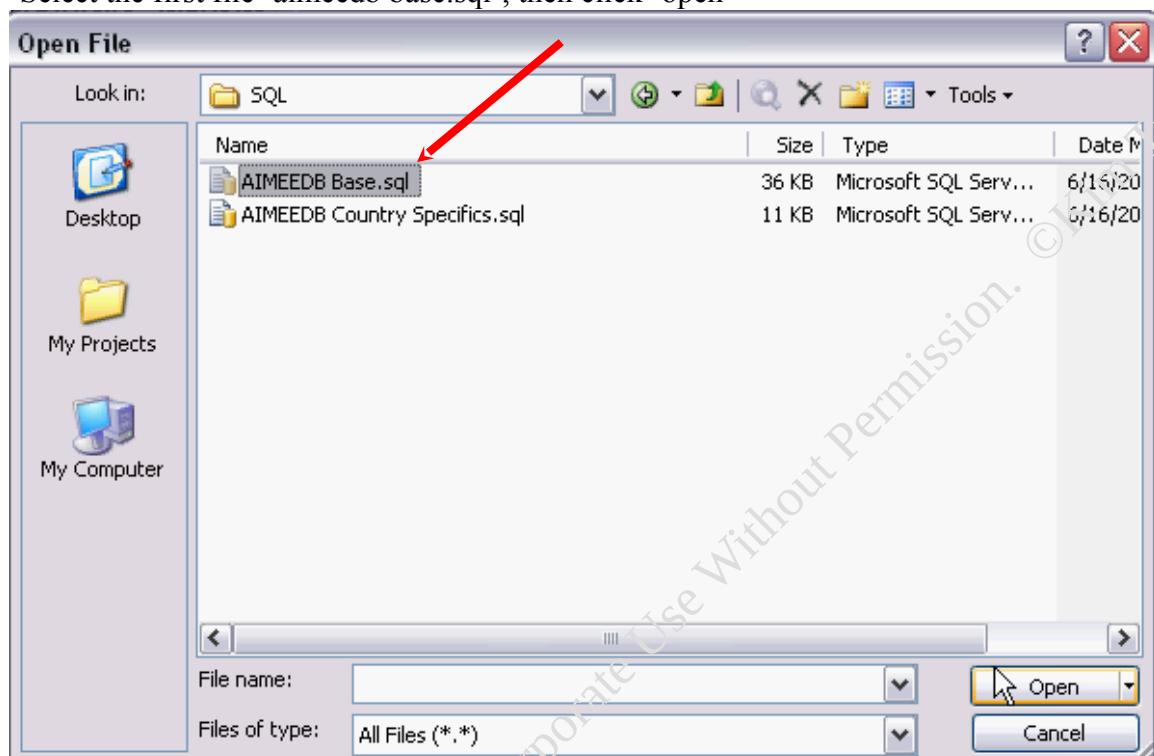


-Navigate to the directory, in this example:

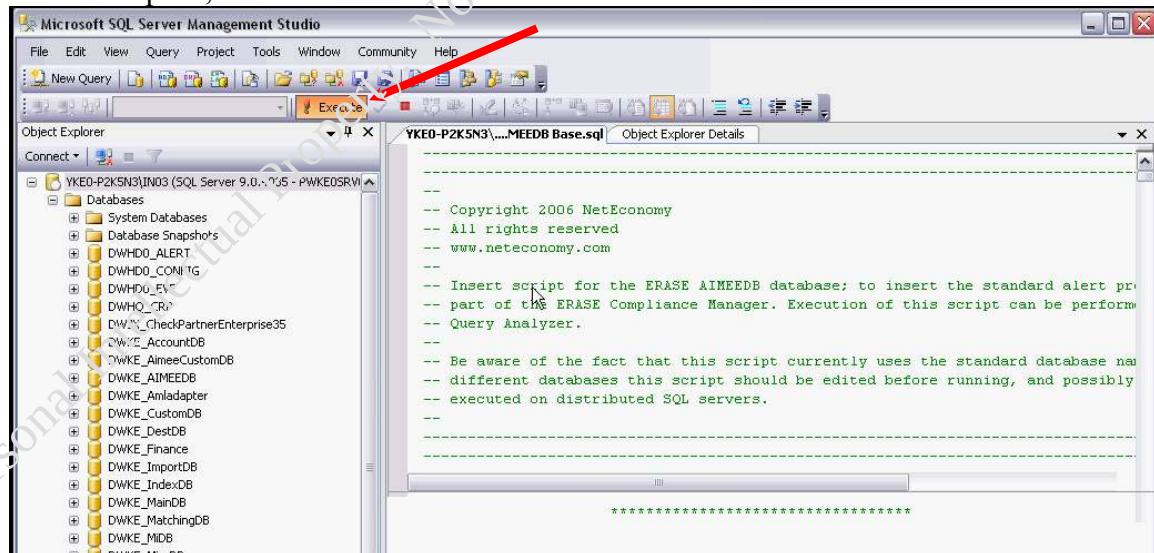
P:\RBCB\.....ASE

Financial Crime Suite\Legislation Packs\United States (US)\Deployment\SQL

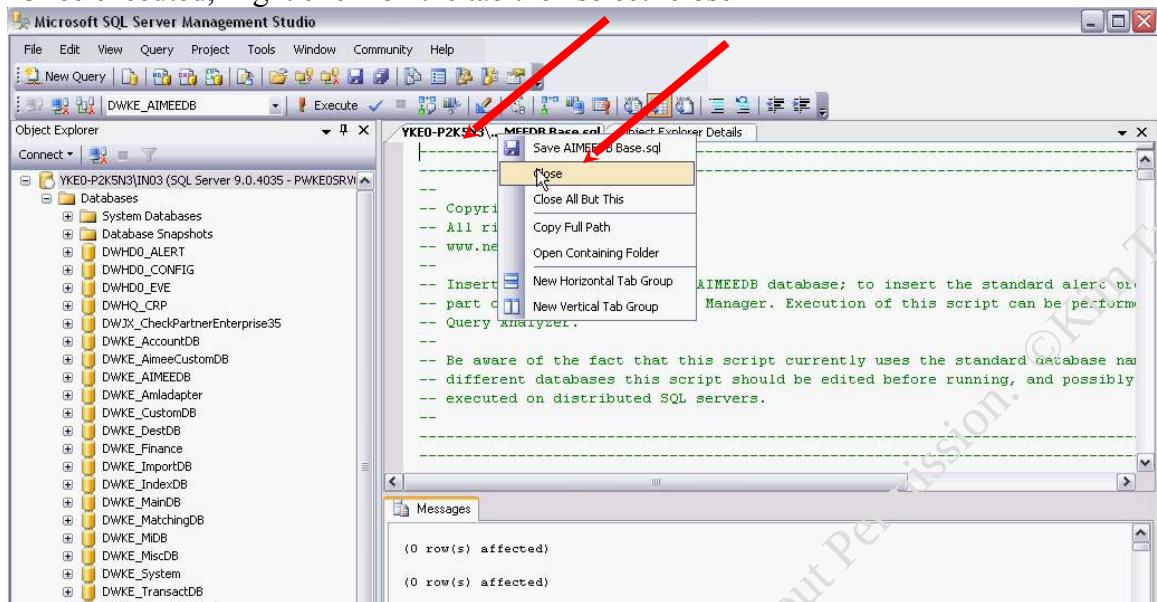
-Select the first file 'aimeedb base.sql', then click 'open'



-When it opens, click on the 'execute' button

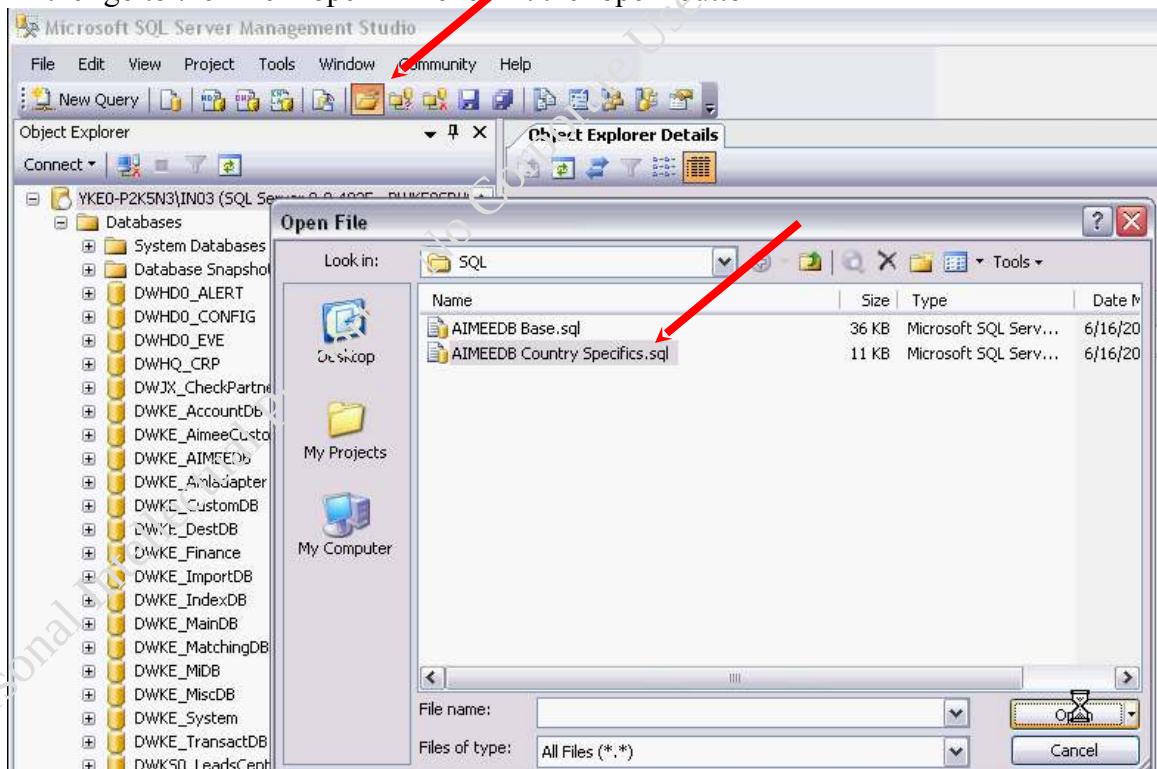


-Once executed, ‘right click’ on the tab then select ‘close’

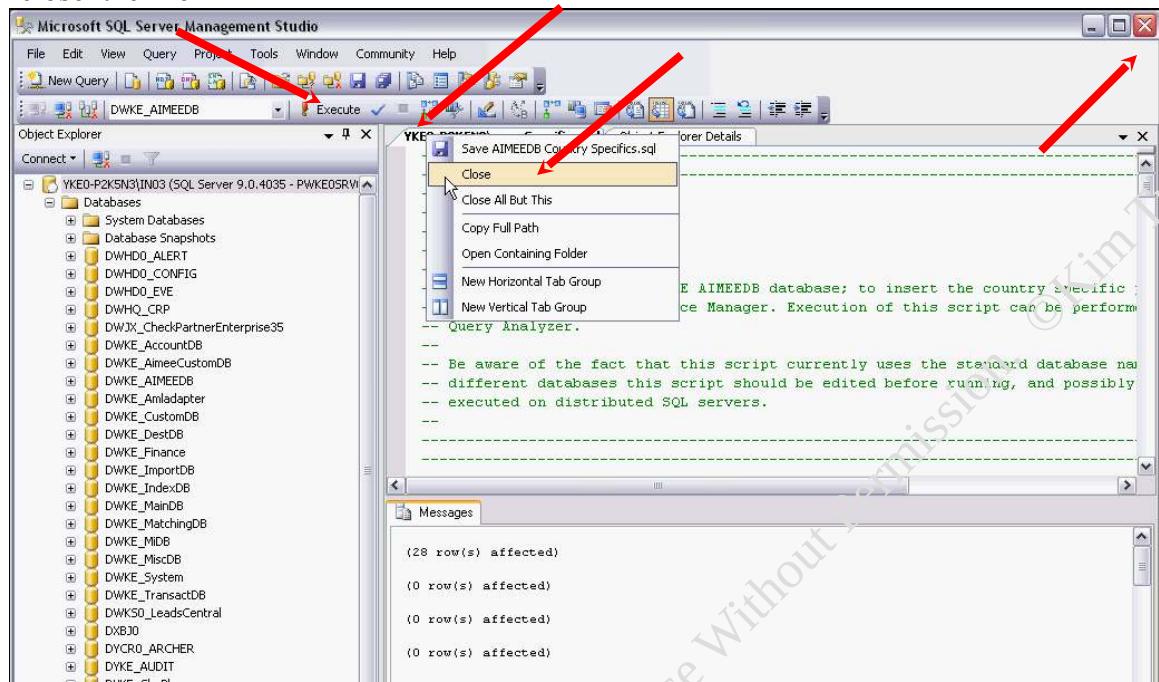


-Open the ‘aimeedb country specifics.sql’ file

-Either go to the ‘file > open > file’ or hit the ‘open’ button



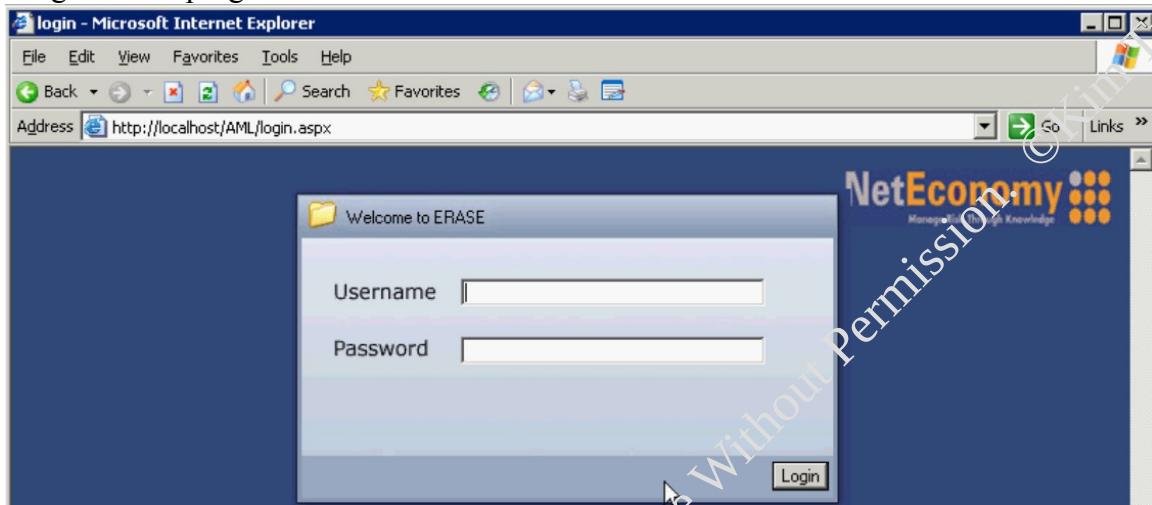
-Once opened, click on the ‘execute’ button again, when down, ‘right click’ the tab, then ‘close’ the file



-Once done, close out of the ‘sql server management studio, by clicking on the ‘x’ or ‘file > exit’

Configure web services

-Log into site/program



-Go to ‘system administration’, then to ‘configuration’, then to ‘web services’

The screenshot shows the ERASE Management Console interface in Microsoft Internet Explorer. The title bar reads "ERASE Management Console - Microsoft Internet Explorer". The menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar has standard icons for Back, Forward, Stop, Refresh, and Search. The address bar shows "http://[REDACTED]". The main navigation bar at the top has tabs for "System Administration", "GENERAL", and "CONFIGURATION". A red arrow points from the address bar down to the "System Administration" tab. Another red arrow points from the "System Administration" tab down to the "Web services" item in the left-hand navigation tree. The left sidebar contains a tree view with categories like General, International standards data (ISO), and Installation and updates, with "Web services" being the final selected item. The right panel displays "System information" with sections for General (Total users: 2, Total groups: 0, Total roles: 13), Blocked users (No results), and New data today (more...). A watermark "Personal Intellectual Property No Corporate License" is diagonally across the page.

-Click on the ‘fiservcheckfreesoftware.asmx’ link

The screenshot shows a web-based configuration interface for a web service. At the top left is a back arrow and the text 'Web services'. Below it is a section titled 'Installation' with the following text:
The standard web service requires that you pass product license codes. You also need to have knowledge on how to call the functionality that has been exposed. But using this page, the ERA software offers the possibility to install a web service which is exactly tailored to your installation needs.
A numbered list follows:

1. Check if you want to include module prefixes in your web method names (Please note current language choice also influences the names of the generated methods.)
 Yes, include prefixes No, do not include prefixes
2. Download the service definition file: [FiservCheckfreeSoftware.asmx](#)
3. Copy it to the virtual directory folder where you have installed the software.
4. Download the [FiservCheckfreeSoftware.WebService.dll](#) implementation file.
5. Copy it to the bin folder
6. Refer to your web service, to test it from the browser.

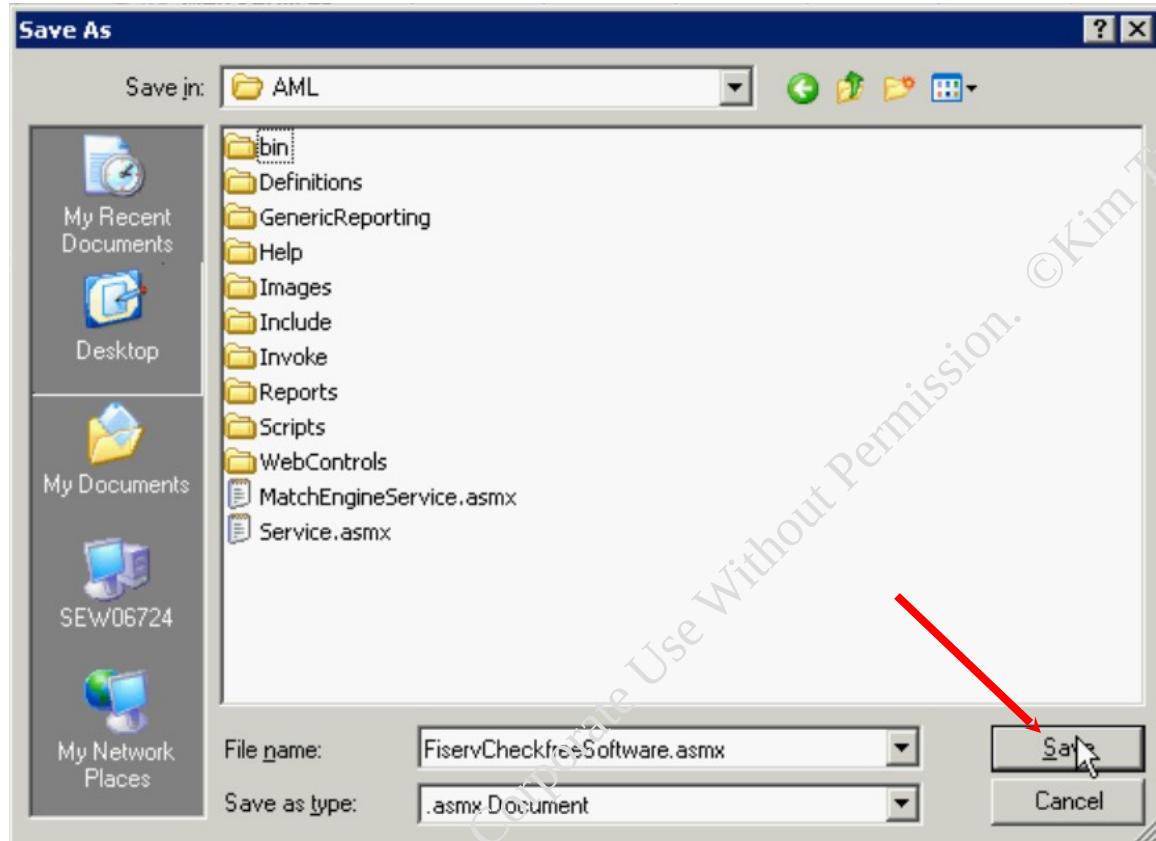
-‘Click on ‘save’ at the prompt

A 'File Download' dialog box is shown. The title bar says 'File Download' and has a close button. The main content asks 'Do you want to save this file?' and provides the following details:
Name: FiservCheckfreeSoftware.asmx
Type: Unknown File Type
From: sew06724
At the bottom are two buttons: 'Save' and 'Cancel'. A red arrow points to the 'Save' button. Below the buttons is a warning message:
While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not save this file. [What's the risk?](#)

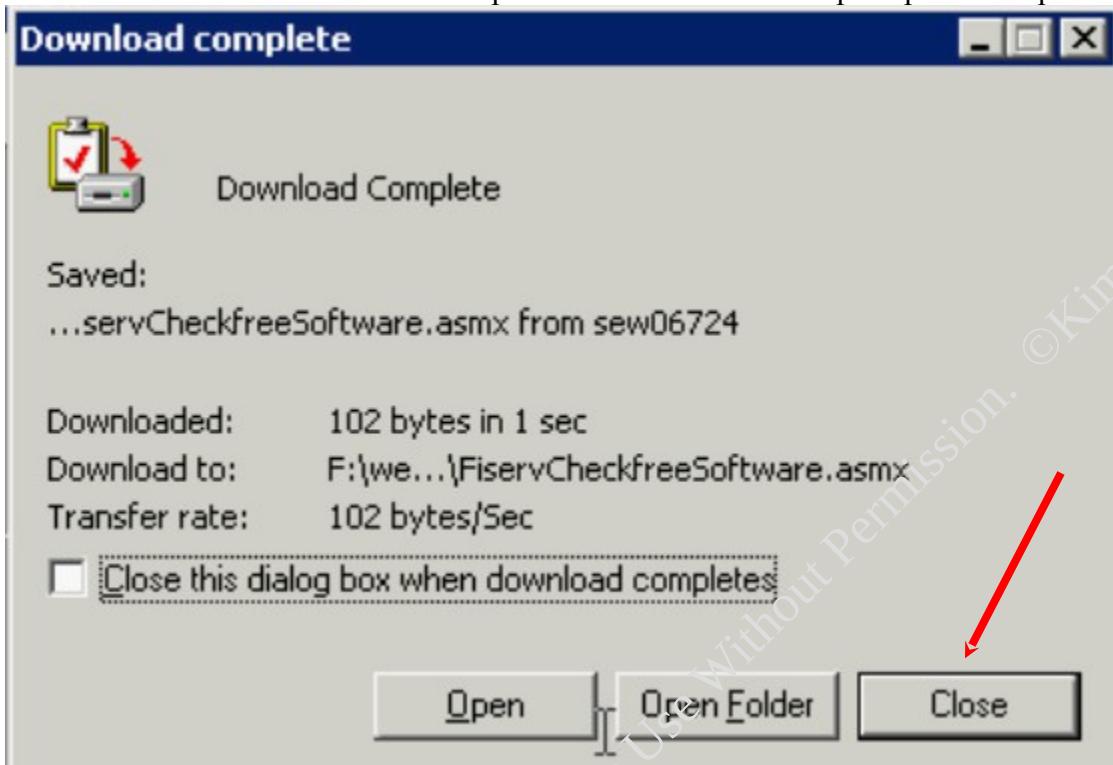
-Save the file to the appropriate directory, in this example:

\\sew0 _____

-Click on 'save'



-Click on ‘close’ when download completes and if the download prompt is still up



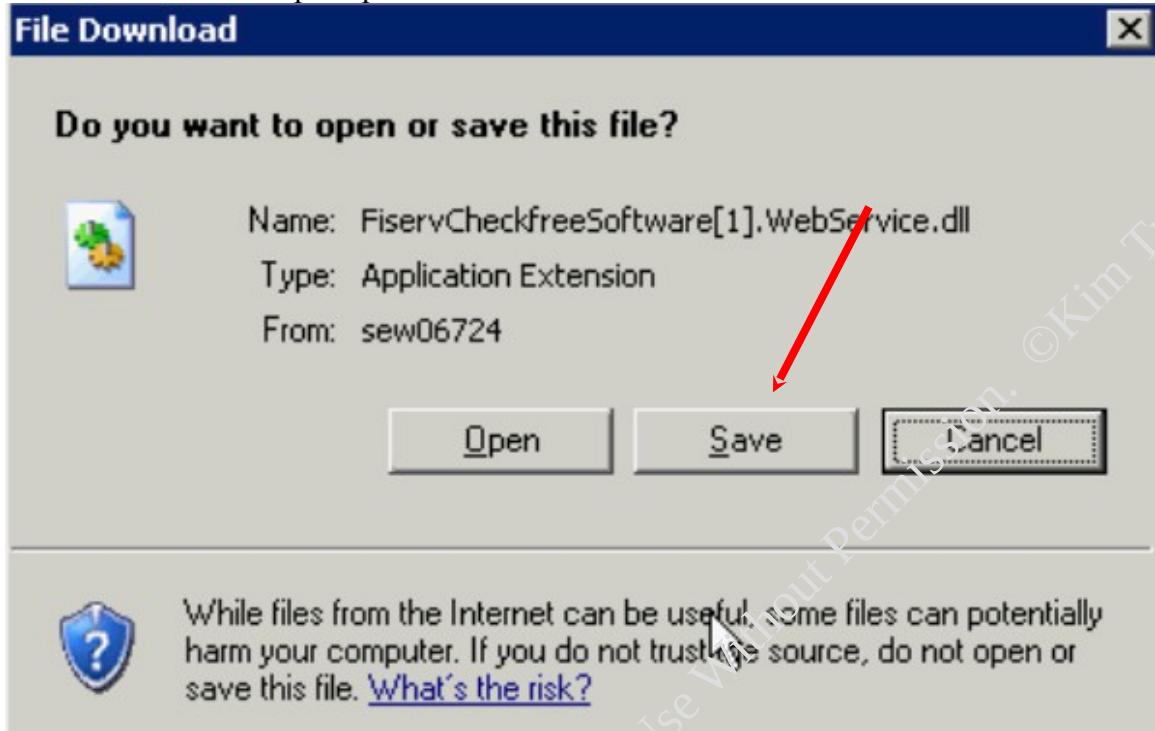
-Click on ‘fiservcheckfreesoftware.webservice.dll’ link

Installation

The standard web service requires that you pass product license codes. You also need knowledge on how to call the functionality that has been exposed. But using this page, software offers the possibility to install a web service which is exactly tailored to your

1. Check if you want to include module prefixes in your web method names. (Please note that current language choice also influences the names of the generated methods.)
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5. Copy it to the bin folder 
6. Refer to your web service, to test it from the browser.

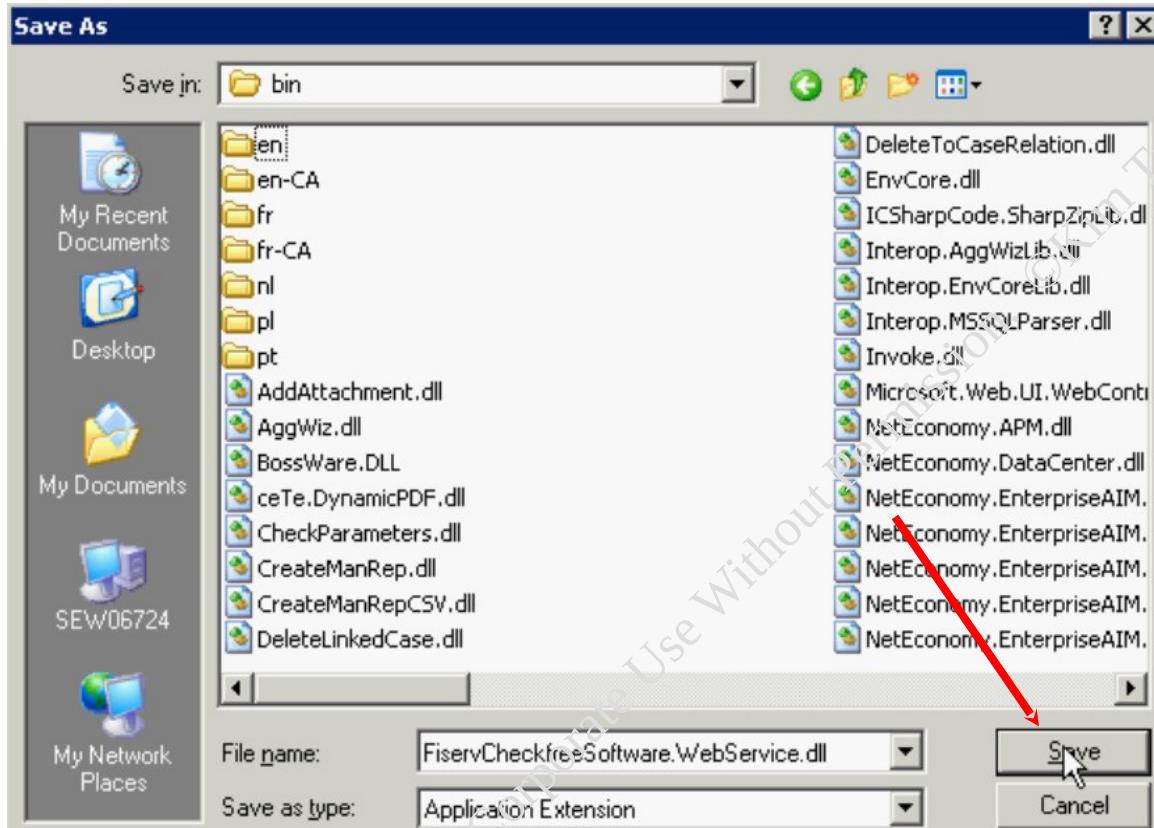
-Click on ‘save’ at the prompt



-Navigate to the appropriate directory, in this example:

\sew0\

-click on 'save'



-Click on 'your web service' link

Installation

The standard web service requires that you pass product license codes. You also need to have knowledge on how to call the functionality that has been exposed. But using this page, the El software offers the possibility to install a web service which is exactly tailored to your instal

1. Check if you want to include module prefixes in your web method names. (Please note: current language choice also influences the names of the generated methods.)
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3. Copy it to the virtual directory folder where you have installed the software.
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5. Copy it to the bin folder
6. Refer to [your web service](#), to test it from the browser.

-Click on 'matchachmessage' link

The following operations are supported. For a formal definition, [see the Service Description](#).

- [StartJob](#)
- [RunImport](#)
- [Match](#)
- [MatchACHMessage](#)
- [Execute](#)

-Type in a value/string, in this example: 'hello'

-click on 'invoke' to test

Click [here](#) for a complete list of operations.

MatchACHMessage

Test

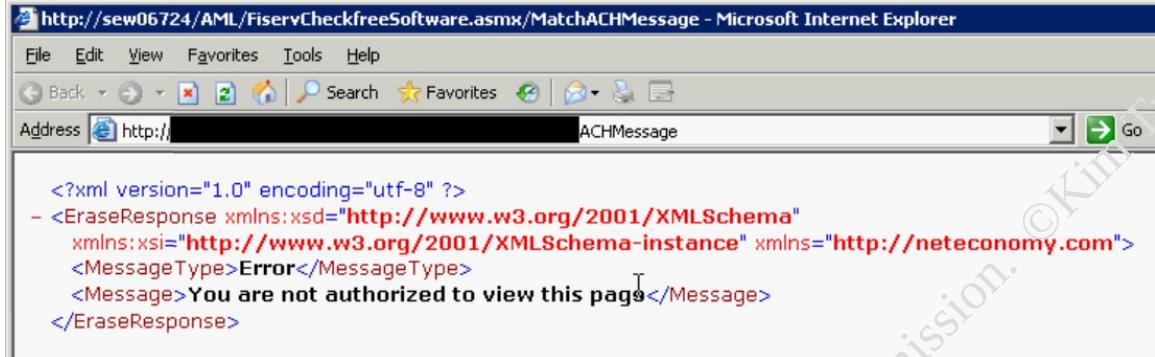
To test the operation using the HTTP POST protocol, click the 'Invoke' button.

Parameter	Value
businessObject:	<input type="text" value="hello"/>

Invoke

--Troubleshooting--

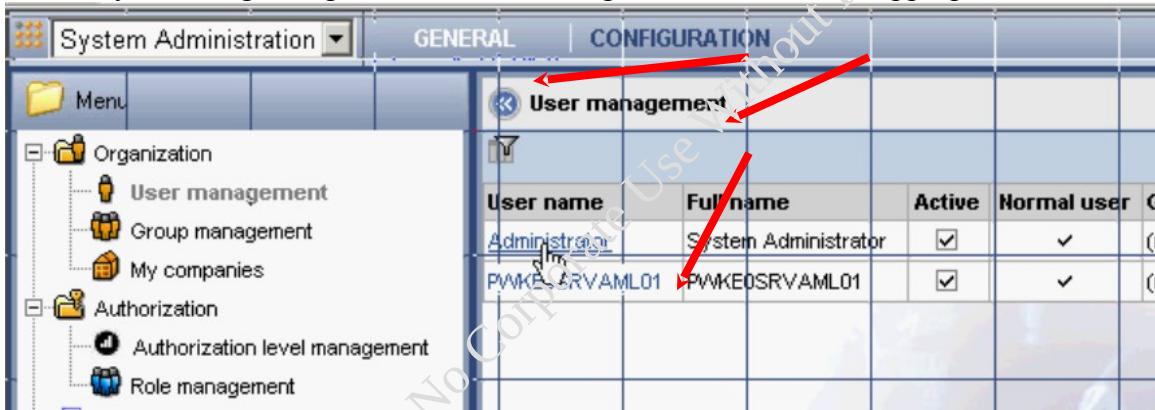
-If you get this screen:



The screenshot shows a Microsoft Internet Explorer window with the URL `http://sew06724/AML/FiservCheckfreeSoftware.asmx/MatchACHMessage`. The page displays an XML error message:

```
<?xml version="1.0" encoding="utf-8" ?>
- <EraseResponse xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://neteconomy.com">
  <MessageType>Error</MessageType>
  <Message>You are not authorized to view this page</Message>
</EraseResponse>
```

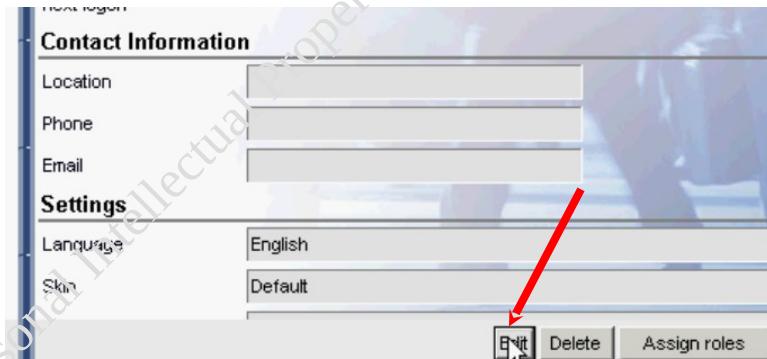
-You may need to go to 'general' > 'user management', click on the appropriate user



The screenshot shows the 'User management' section of the System Administration interface. The left sidebar shows 'Organization' and 'Authorization' sections. The main area displays a table of users:

User name	Full name	Active	Normal user	...
Administrator	System Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(0)
PWKE0SRVAML01	PWKE0SRVAML01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(0)

-Click 'edit'



The screenshot shows a 'Contact Information' and 'Settings' form. The 'Settings' section includes fields for 'Language' (English) and 'Skin' (Default). At the bottom right are buttons for 'Edit' (highlighted with a red arrow), 'Delete', and 'Assign roles'.

-Check the 'act as service' box , then click 'save and close'

Normal user	<input checked="" type="checkbox"/>
Group	<input type="checkbox"/>
Change password at next logon	<input type="checkbox"/>
Contact Information	
Location	<input type="text"/>
Phone	<input type="text"/>
Email	<input type="text"/>
Settings	
Language	English <input type="button" value="▼"/>
Skin	Default <input type="button" value="▼"/>

[Act as service](#)

Save and Close

-Click on the 'edit' authorizations' button

User management > User details		
General		
User name	Administrator	Active <input checked="" type="checkbox"/>
Full name	System Administrator	
Authorization	High	
Normal user	<input checked="" type="checkbox"/>	
Group	<input type="checkbox"/>	Act as service <input checked="" type="checkbox"/>
Change password at next logon	<input type="checkbox"/>	
Contact Information		
Location		
Phone		
Email		
Settings		
Language	English	
	<input type="checkbox"/>	
		Edit Delete Assign roles

-Check the 'rbc aml' and check the appropriate boxes
(match, run import, match ach message)

User management > User details > Edit authorizations

Role: Administrator Description: Act as service

- System Administration
 - Start job
- RBC AML
 - Match
 - Run Import
 - Match ACH Message

-Try the test again

Erase

Click [here](#) for a complete list of operations.

MatchACHMessage

Test

To test the operation using the HTTP POST protocol, click the 'Invoke' button.

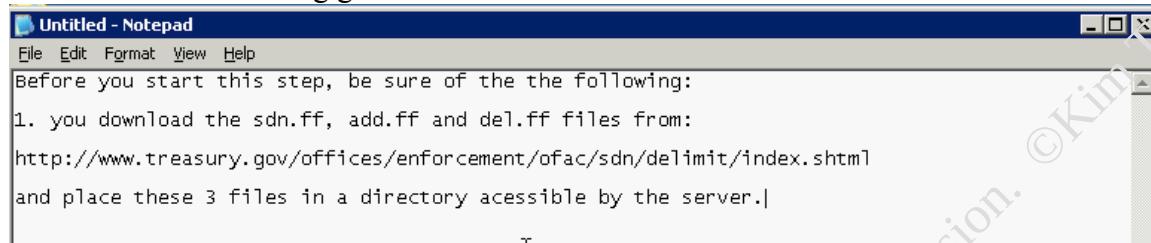
Parameter	Value
businessObject:	hello

Invoke

If successful, close out/log out of the site/application

Download and configure the OFAC files

-Please see the following guidelines:



-Create the folders in the appropriate directory, in this example:

\sev [REDACTED]

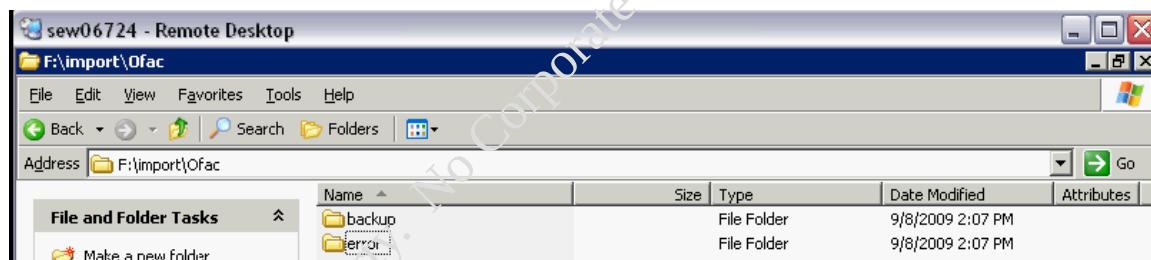
-‘Right click’ in the window (open space) > ‘new’ > ‘folder’ > enter in the name ‘import’

-Open that newly created ‘import’ folder

-Create another folder called ‘ofac’

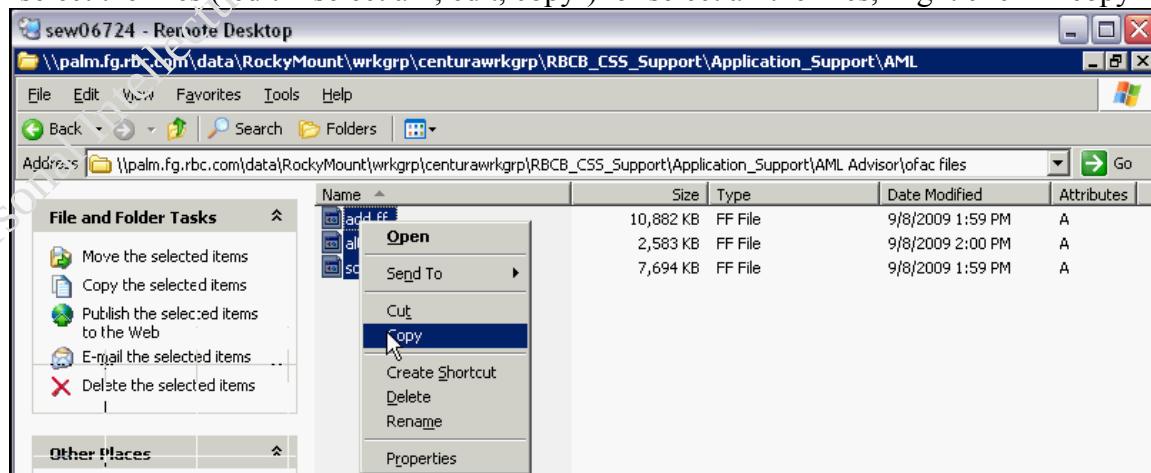
-Open that newly created ‘ofac’ folder

-Create 2 more folders called ‘backup’ and ‘error’



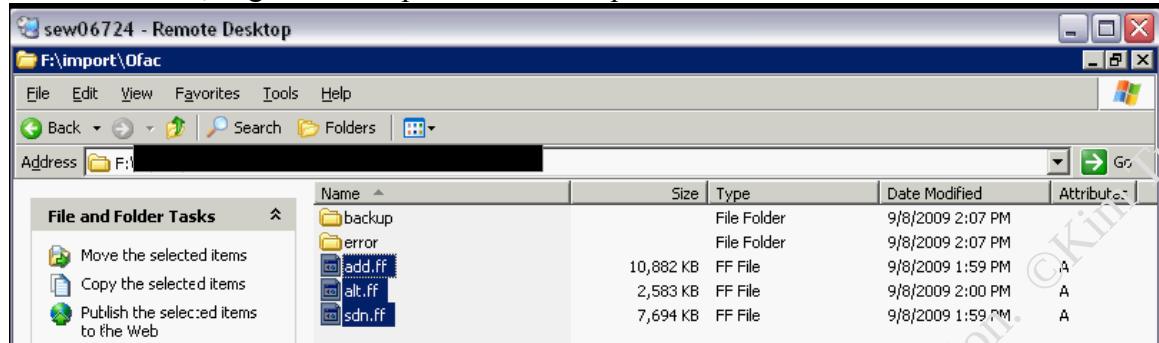
-Navigate to the appropriate directory to find the following files: sdn.ff, add.ff, del.ff and copy them to the newly created ‘ofac’ directory

-select the files (‘edit > select all ; edit, copy’) or select all the files, ‘right click’ > copy



-Go to the 'ofac' directory

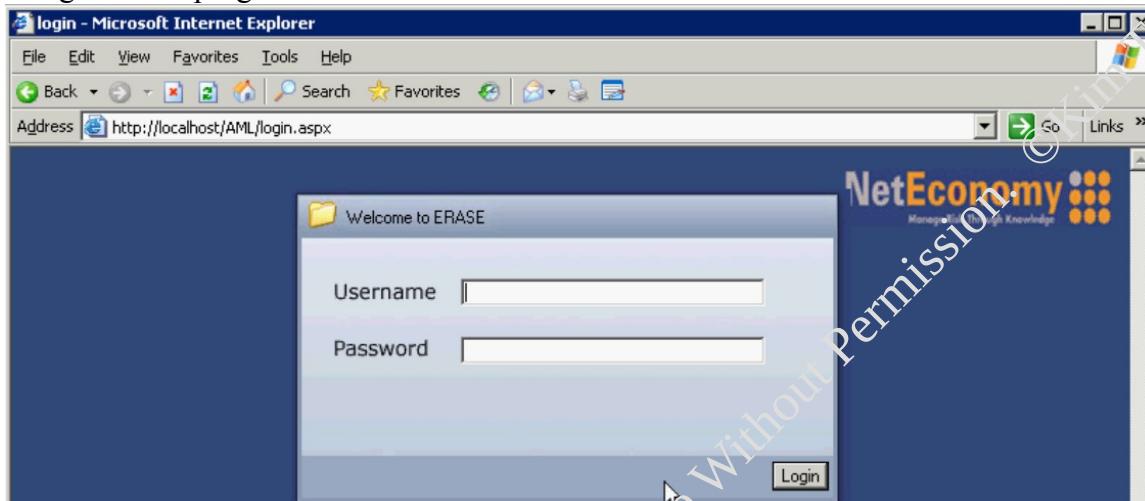
-In the window, 'right click' > paste or 'edit' > paste



-Close all windows when complete

Creating OFAC import job and importing files

- Log into site/program



- Under 'system administration' > 'configuration' > Click on 'jobs'

System Administration ▾

GENERAL CONFIGURATION

System information

General	
Total users	1
Total groups	0
Total roles	4

Blocked users

User	Name	IP	Time	Blocked
No results				

New data today (more...)

User	Category	Created	Description
No results			

Log off System Administrator

-Click on ‘import match list’

Jobs > Add job								
Select function to be scheduled								
Function								Product
Cleanup log								System Administration
Cleanup trace logs								System Administration
Clear job history								System Administration
Import countries								System Administration
Import software model and configuration								System Administration
Synchronize users with directory								System Administration
Export monetary instruments								RBC AML
Execute SQL script								RBC AML
Generate alerts								RBC AML
Import Factiva data								RBC AML
Import financial data								RBC AML
Import match list								RBC AML
Perform a match on source delta								RBC AML
Perform a match on list delta								RBC AML
Validate financial data								RBC AML

-Click on ‘ofac’

Jobs > Add job > Import match list	
Select match list to import	
Name	Type
Accuity	Accuity
EOE	Bank of England
EUECTFSL	EU e-CTFSL Sanctions List
FinCEN	FinCEN 314(a) Requests
OFAC	Ofac
OpenImport	Custom
PEP	World Check
Terrorist	World Check
Thomson	Thomson
Whitelist	Custom

- Enter in the appropriate information:
(directories and files from previous steps for the ‘import folders’ and .ff files)
- Click ‘save and close’

Jobs > Add job > Import match list > Schedule job

Execute

Function	Import into : OFAC	Product	RBC AML
Logging	Log all information		
Priority	Normal		

Scan

Folder*	F:\import\ofac\
File pattern*	sdn.ff
Move to backup folder	<input checked="" type="checkbox"/> F:\import\ofac\backup
Move to error folder	<input checked="" type="checkbox"/> F:\import\ofac\error
Overwrite files on move	<input checked="" type="checkbox"/>

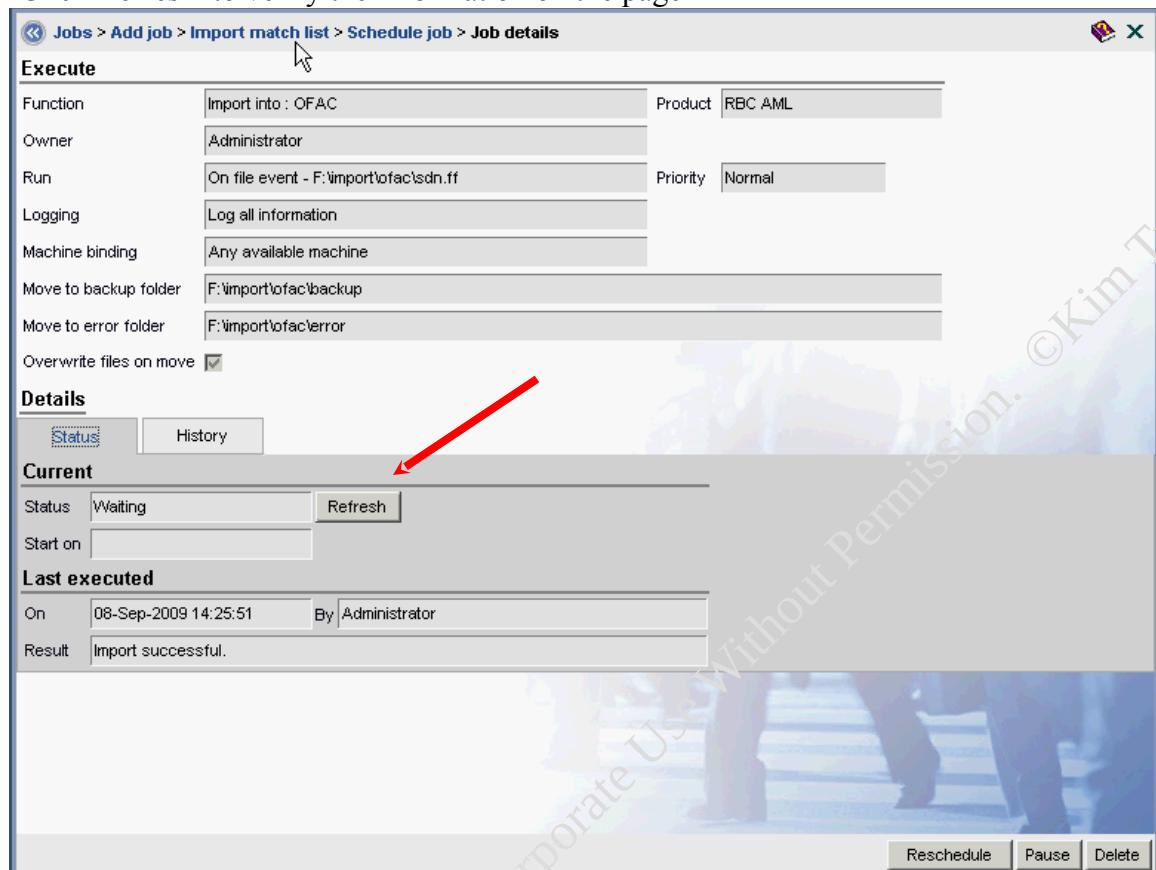
Machine binding

SEW06724	<input type="checkbox"/>
----------	--------------------------

Save



-Click ‘refresh’ to verify the information on the page



-When complete, log off

Configure default match configuration

- Log into site/program



-Under 'rbc aml', click on 'configure', then on 'match configurations' (may need to scroll down)

The screenshot shows the 'ERASE Management Console' interface. The top navigation bar includes tabs for ALERT, INVESTIGATE, TRACK, REPORT, and CONFIGURE. The left sidebar contains a tree view with categories like Workflows, Case Management Configuration, Risk configuration, Import and Export, List Matching, and Match Client Configuration. The 'Match configurations' option is highlighted with a red arrow. The main content area displays 'System Statistics' and 'Tasks Due Today' tables.

Description	Total
All Alerts	0
Unassigned Alerts	0
Unassigned Listmatching Alerts	0
Unassigned Incidents	0
Cases Under investigation	0
Cases Closed	0
Reports Generated	0
Reports Confirmed	0
Exempt persons up for renewal	

Task	Priority	Case	Due	Entered
No results				

-Click on 'check ofac'

ID	Name
1	CheckEUECTESL
2	CheckOFAC
3	Check Terrorist
4	CheckPEP
5	Check Thomson
6	CheckOpen import
7	CheckFinCEN
8	Check Accuity
9	CheckBOE

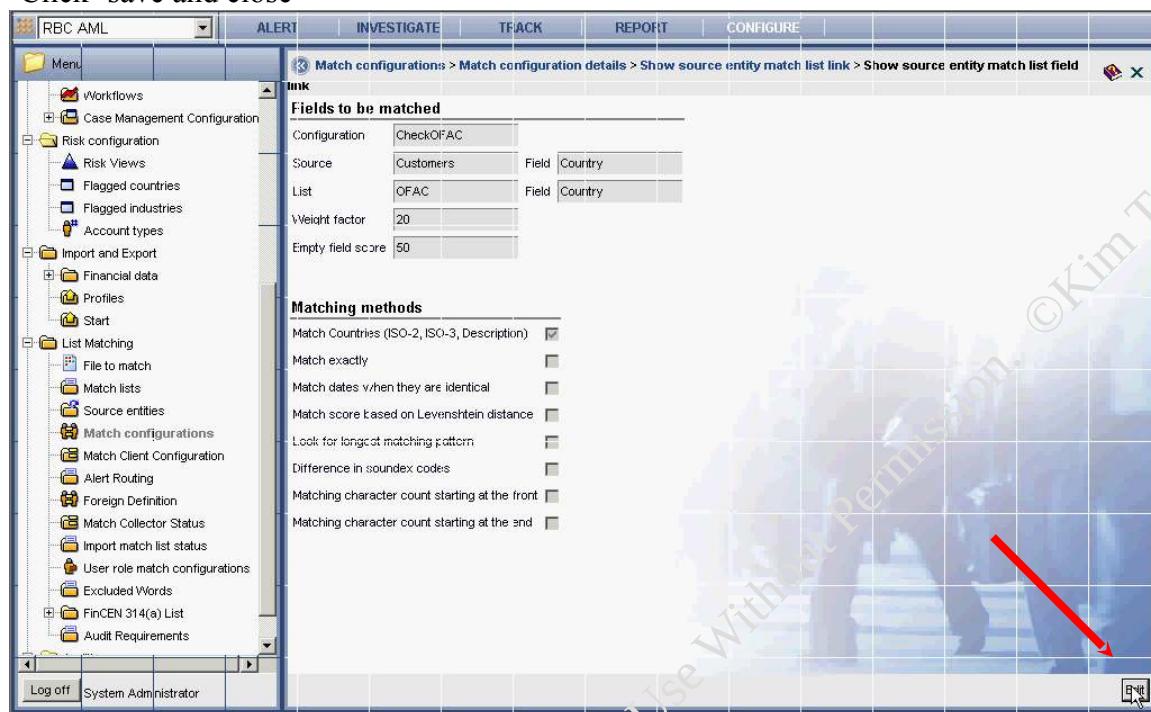
-Click on 'customers'

Match configurations > Match configuration details			
Lists to be matched			
Source	List	Threshold	Rec
Accounts	OFAC	85	1
Customers	OFAC	85	1
Transactions	OFAC	85	1

-Click on 'country'

Match configurations > Match configuration details > Show source entity match list		
List to be matched		
Configuration	CheckOFAC	
Source	Customers	
List	OFAC	
Score threshold	85	
Recheck period with list changes	1	
Fields to be matched		
Source field	List field	Weight factor
Name	Name	80
Country	Country	20

- Click on 'edit', enter/correct appropriate fields, in this example: (weight factor to 10)
 -Click 'save and close'



Edit source entity match list field link:

Fields to be matched			
Configuration	CheckOFAC		
Source	Customers	Field	Country
List	OFAC	Field	Country
Weight factor*	10		
Empty field score*	50		

Matching character count starting at the front
 Matching character count starting at the end

Save and Close

-Click on ‘show source entity match list link’

The screenshot shows the RBC AML software interface. The top menu bar includes ALERT, INVESTIGATE, TRACK, REPORT, and CONFIGURE. The left sidebar contains a tree view of configuration categories such as Workflows, Case Management Configuration, Risk configuration, Import and Export, and List Matching. The main content area displays a 'Match configurations > Match configuration details > Show source entity match list link > Show source entity match list field' screen. It includes sections for 'Fields to be matched' (Configuration: CheckOFAC, Source: Customers, Field: Country, List: OFAC, Weight factor: 20, Empty field score: 50) and 'Matching methods' (checkboxes for Match Countries (ISO-2, ISO-3, Description), Match exactly, Match dates when they are identical, Match score based on Levenshtein distance, Look for longest matching pattern, Difference in soundex codes, Matching character count starting at the front, and Matching character count starting at the end). The bottom navigation bar includes Log off and System Administrator.

-Click on ‘add’

Source field	List field	Weight factor	Delete
Name	Name	80	X
Country	Country	10	X

-Edit/correct the appropriate fields, in this example:

Field to 'city', weight factor to '10', check 'match score based on levenshtein distance'

-click 'save and close'

Match configurations > Match configuration details > Show source entity match list link > Edit source entity match list field link

Fields to be matched

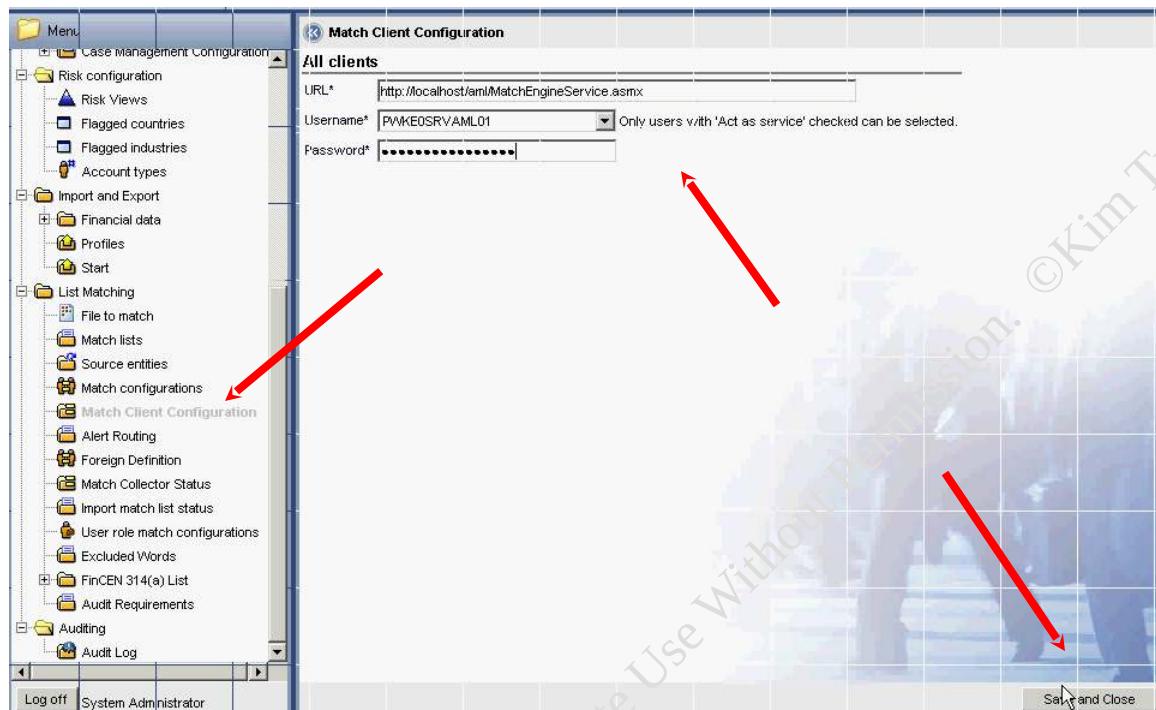
Configuration	CheckOFAC
Source	Customers
List	OFAC
Weight factor*	10
Empty field score*	50

Matching methods

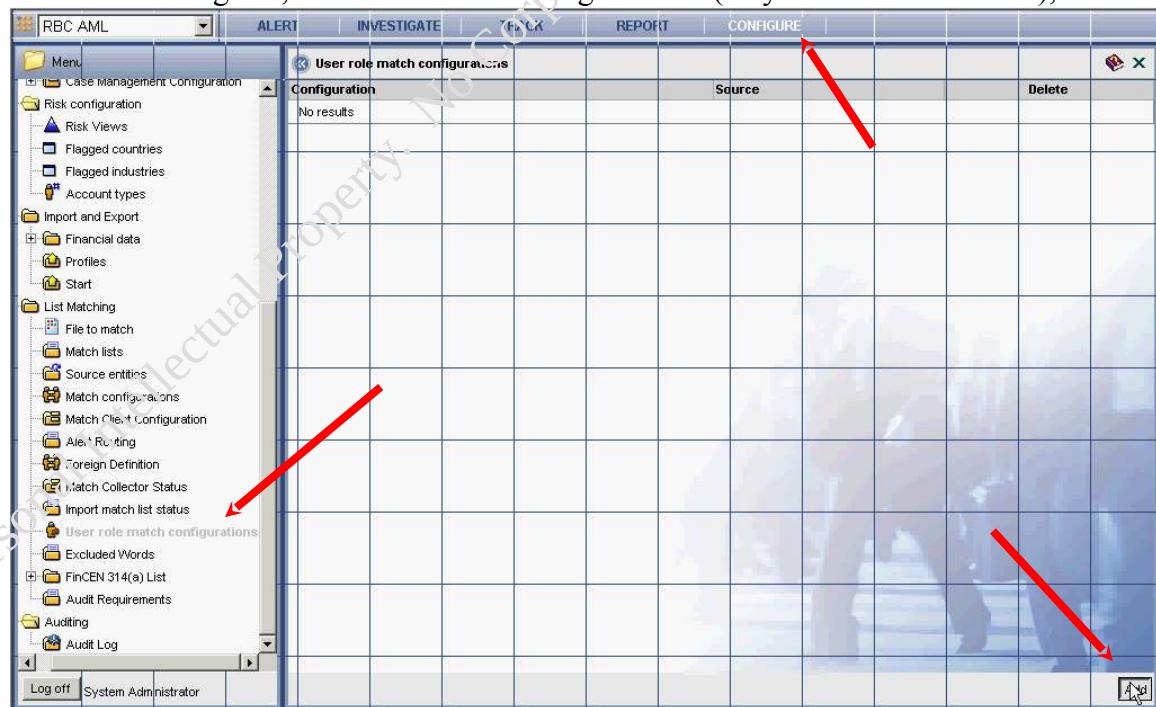
Match Countries (ISO-2, ISO-3, Description)	<input type="checkbox"/>
Match exactly	<input type="checkbox"/>
Match dates when they are identical	<input type="checkbox"/>
Match score based on Levenshtein distance	<input checked="" type="checkbox"/>
Look for longest matching pattern	<input type="checkbox"/>
Difference in soundex codes	<input type="checkbox"/>
Matching character count starting at the front	<input type="checkbox"/>
Matching character count starting at the end	<input type="checkbox"/>

Save and Close

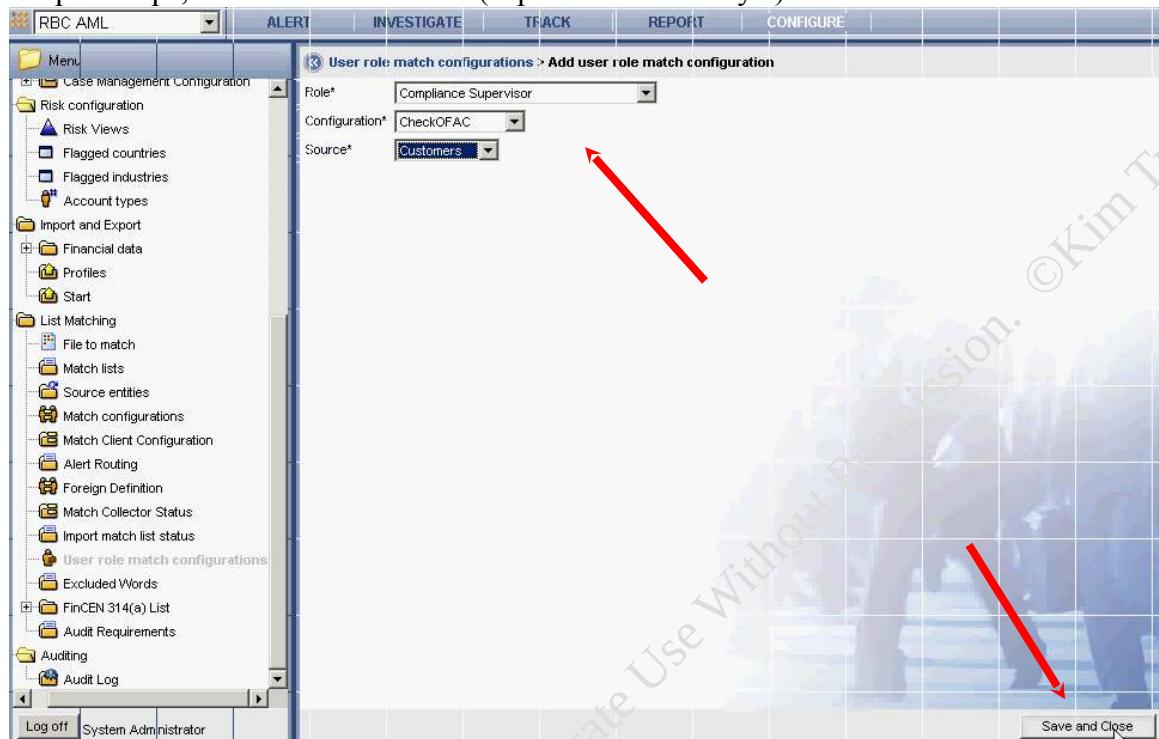
- Click on ‘match client configuration’
- Enter in appropriate information in the fields
- Click ‘save and close’



- Click on ‘configure’, ‘user role match configurations’ (may need to scroll down), ‘add’



- Edit/update appropriate information
- Click ‘save and close’
- Repeat steps, to create another user (supervisor and analyst)



This screenshot shows the same configuration screen as the previous one, but with a different role selected. The 'Role*' dropdown now shows 'Compliance Analyst'. The other fields ('Configuration*' and 'Source*') remain the same as in the first screenshot.

This screenshot shows the 'User role match configurations' list screen. It displays a table with columns: Role, Description, Configuration, Source, and Delete. There are two entries:

Role	Description	Configuration	Source	Delete
AIM_Super	Compliance Supervisor	CheckOFAC	Customers	X
AIM_User	Compliance Analyst	CheckOFAC	Customers	X

- When complete, log off

Set the website timeouts to 3 hours

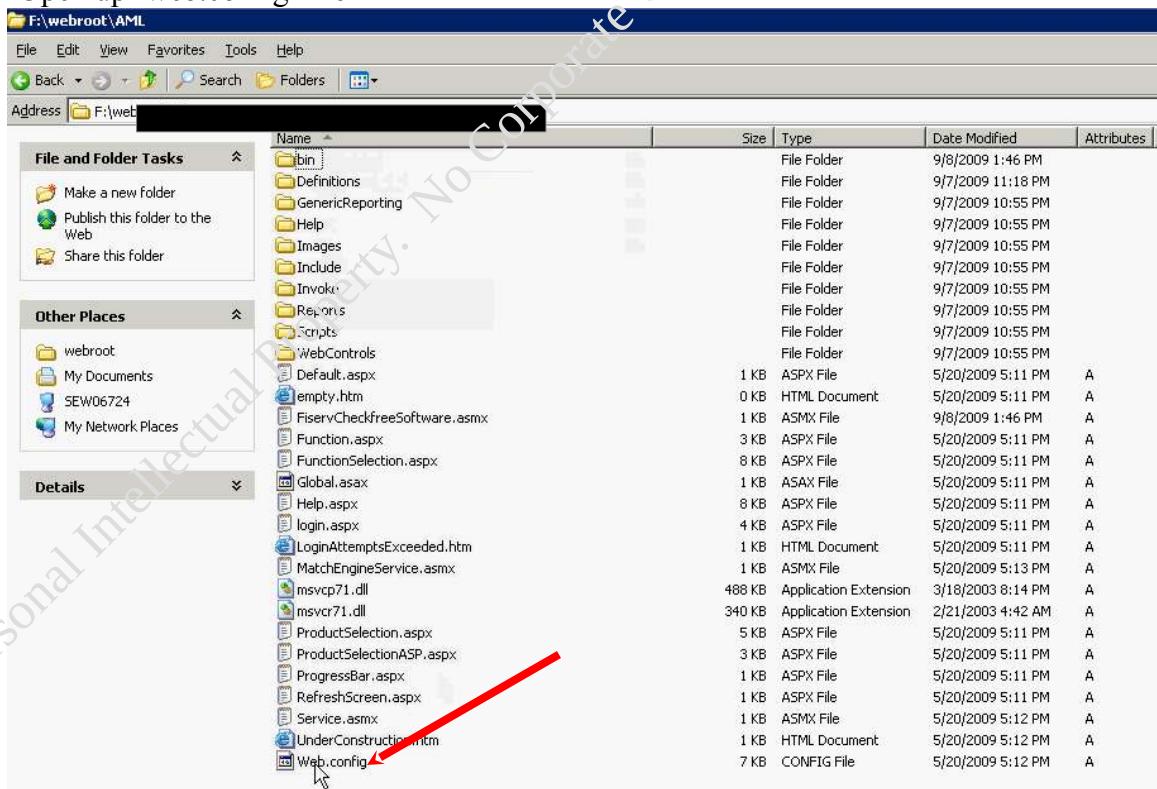
-You may need to remote desktop into the correct/appropriate server/workstation



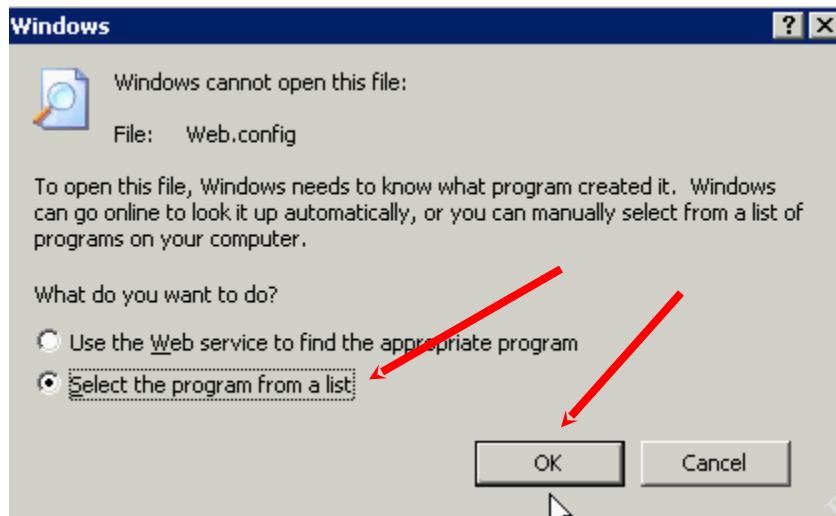
-Go to the appropriate drive/directory, in this example:

\\sew[REDACTED]

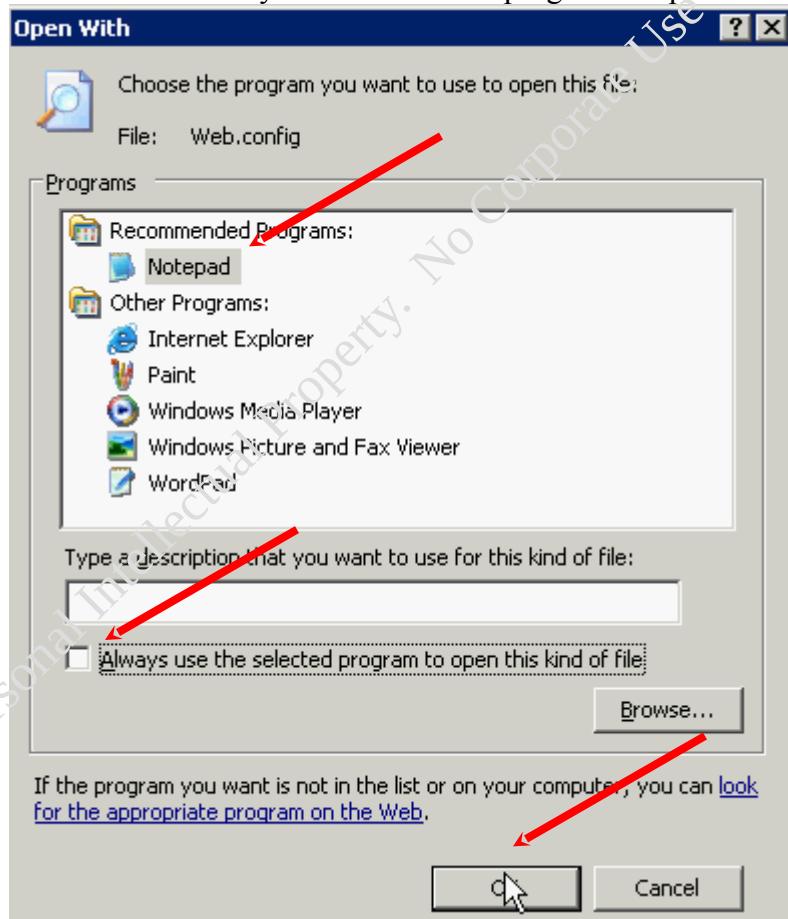
-Open up 'web.config' file



- A prompt may appear, if so, check ‘select the program from a list’
- Click ‘ok’

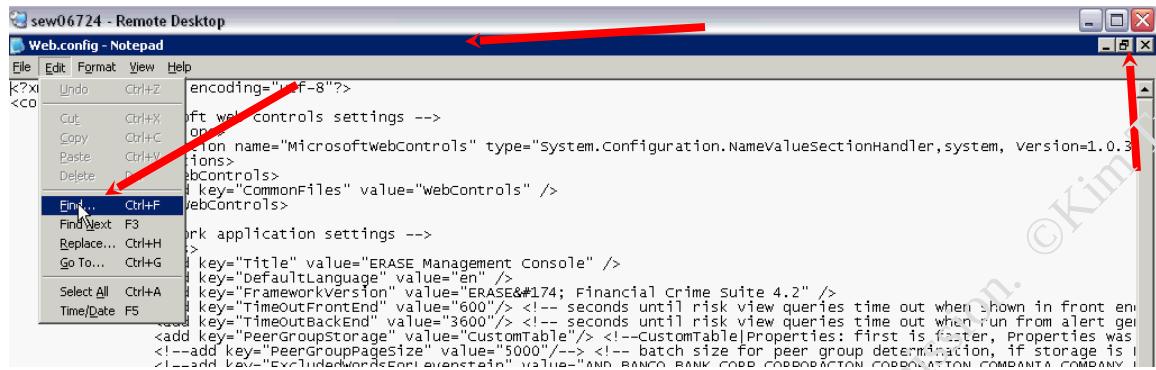


- An ‘open with’ prompt should appear
- Click on ‘notepad’
- Uncheck the ‘always use the selected program to open this kind of file, then click ‘ok’’

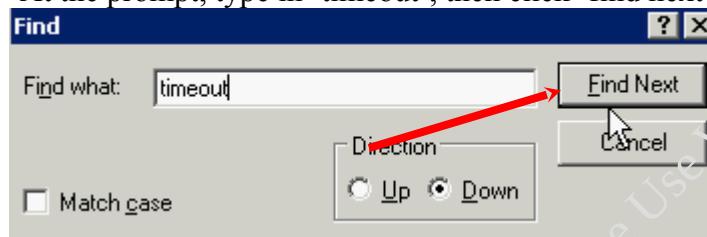


-Once the file opens, you may maximize by ‘doubleclicking’ the title bar or hit the maximize button (between the minimize and close button – top right hand corner in window)

-Go to ‘edit > find’

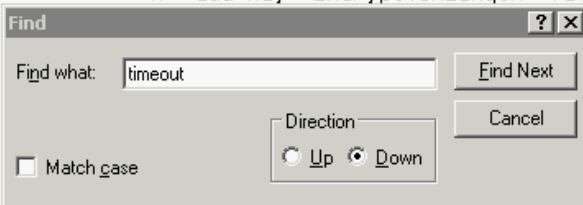


-At the prompt, type in ‘timeout’, then click ‘find next’



-Keep clicking 'find next' till it's at the 'sessionstate' section

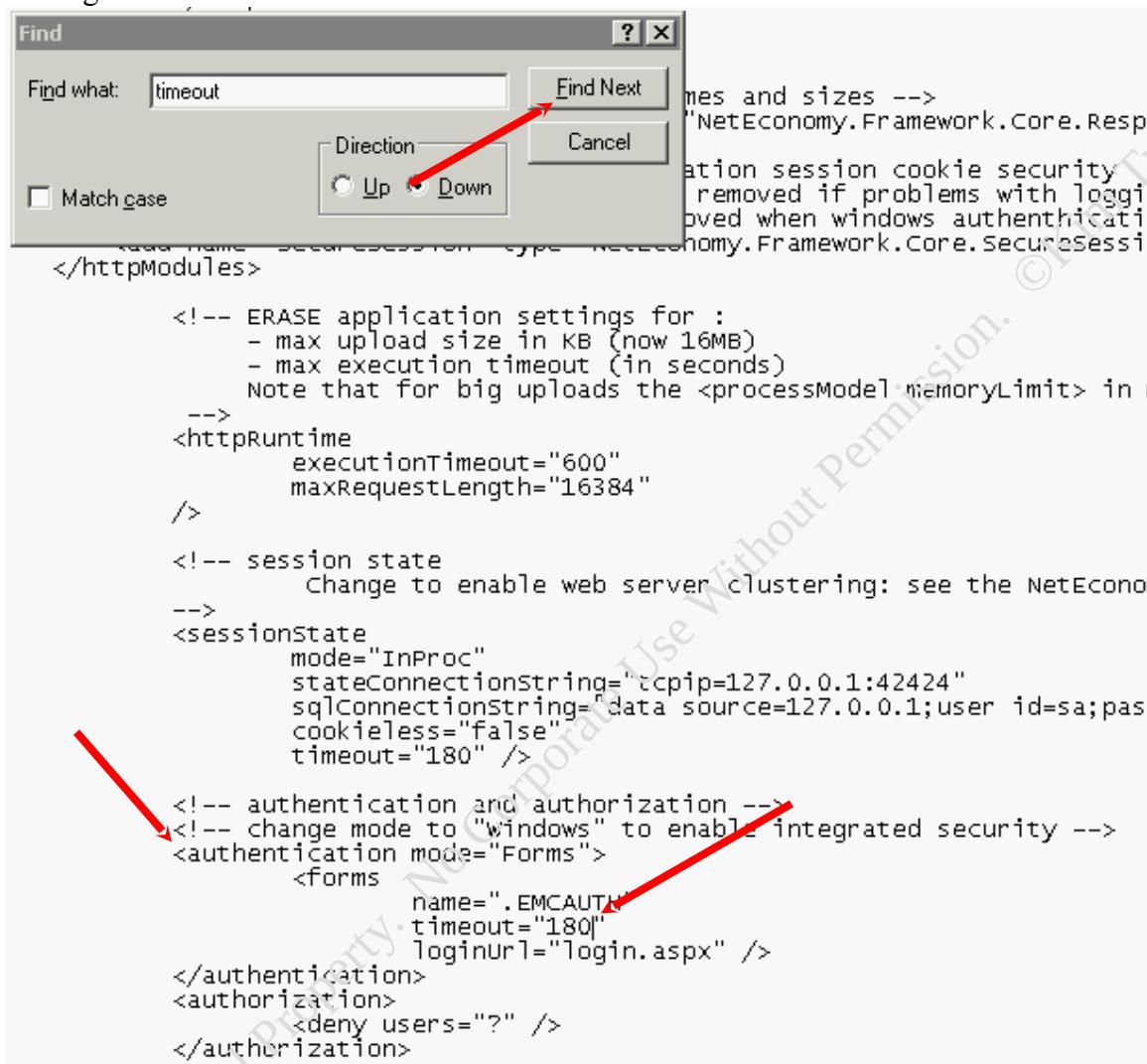
-Change the timeout value from '20' to '180'



```
? X  
Find  
Find what: timeout  
Direction: Up  
 Match case  
Cancel  
Find Next  
  
<!-- maximum number of unique session identifiers -->  
    <add verb="*" path="display.ashx" type="NetEconomy.Framework.Manage...  
</httpHandlers>  
  
<!-- ERASE http modules -->  
<httpModules>  
    <!-- Measuring response times and sizes -->  
    <add name="ResponseTimeMeasurer" type="NetEconomy.Framework.Core.ResponseTime, ...  
        <!-- Extra forms authentication session cookie security  
            This module can be removed if problems with loggin in occur  
            It can also be removed when windows authentication is enabled -->  
    <add name="SecureSession" type="NetEconomy.Framework.Core.SecureSession, NetEco...  
</httpModules>  
  
<!-- ERASE application settings for :  
    - max upload size in KB (now 16MB)  
    - max execution timeout (in seconds)  
    Note that for big uploads the <processModel memoryLimit> in machine.config  
-->  
<httpRuntime  
    executionTimeout="600"  
    maxRequestLength="16384"  
/>  
  
<!-- session state  
    Change to enable web server clustering: see the NetEconomy technica...  
-->  
<sessionState  
    mode="InProc"  
    stateConnectionString="tcpip=127.0.0.1:42424"  
    sqlConnectionString="data source=127.0.0.1;user id=sa;password=""  
    cookieless="false"  
    timeout="180"/>
```

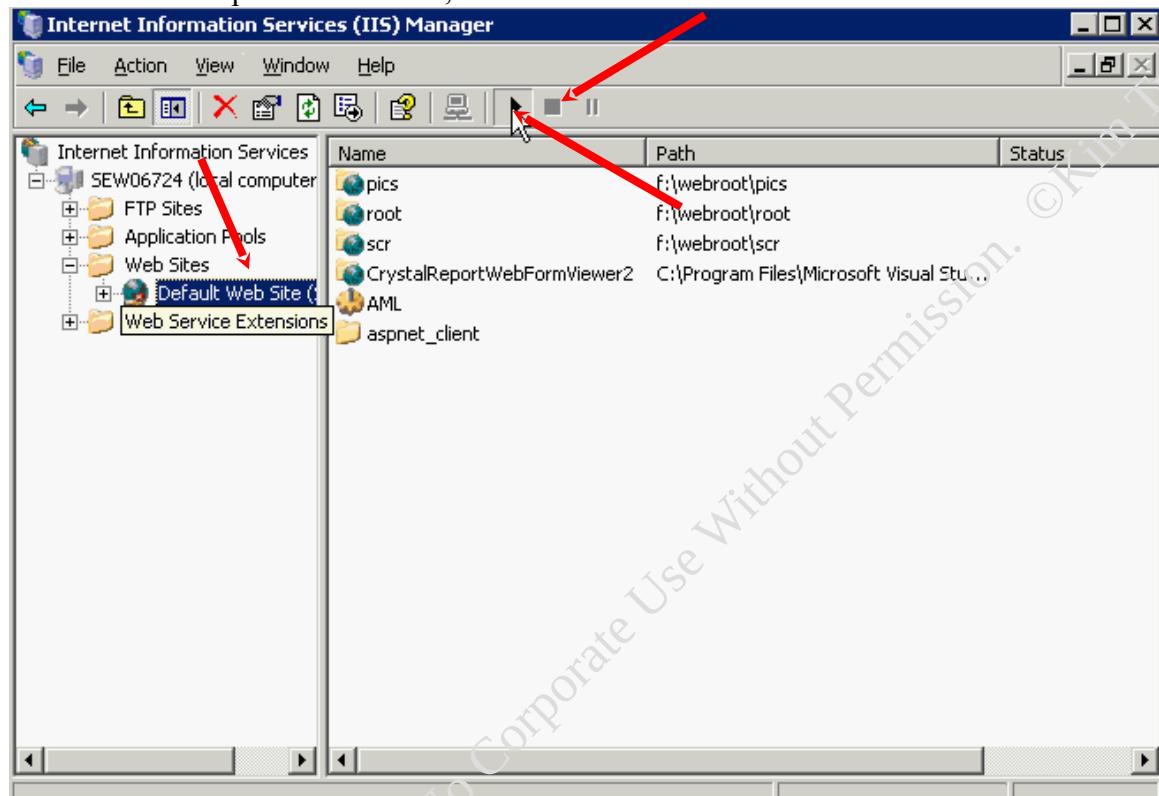
The screenshot shows a 'Find' dialog box with 'timeout' entered in the 'Find what' field and the 'Find Next' button highlighted by a red arrow. The main text area contains XML configuration code for a web application. A red arrow points to the 'sessionState' section in the code, specifically to the 'timeout' attribute of the 'sessionState' element.

- Keep clicking ‘find next’ till it’s at the ‘forms’ section under ‘authentication mode = forms’ section – which is a bit further down from the ‘sessionstate’ session
- Change the timeout value from ‘10’ to ‘180’



- When done, save the file and exit
- ‘File > save’, then ‘file > exit’

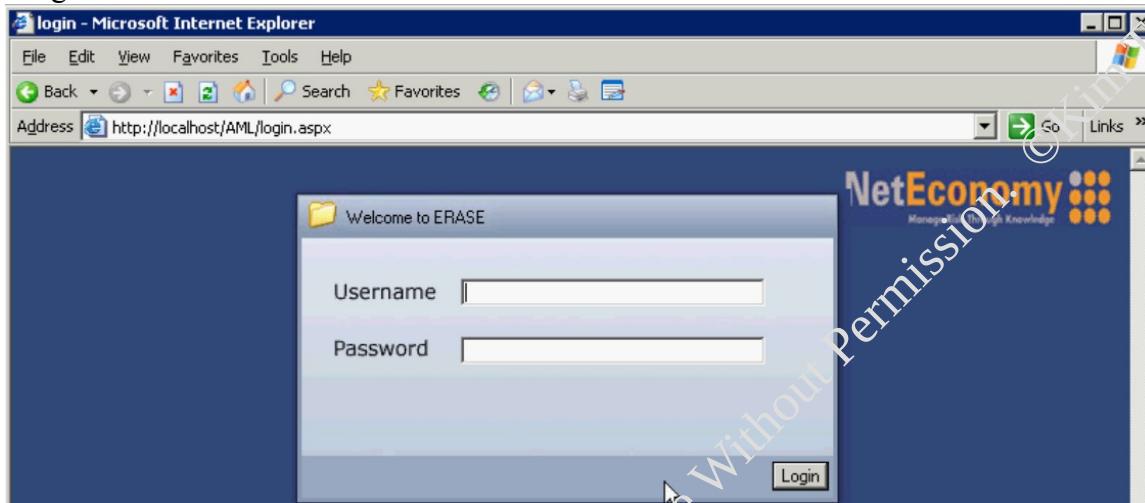
- Open up the ‘internet information services (IIS) manager’
- Expand the computer (sew06724) icon
- Expand the ‘web sites folder’
- Click on ‘default web site’ to select/highlight it
- Click on the ‘stop’ service button, then click on the ‘start’ service button



- When done, close out of the program (and the remote desktop session)

Create and configure blacklist countries match list

-Login



-Under 'rbc aml', click on the 'match list' link

The screenshot shows the RBC AML application interface. The top navigation bar includes tabs for ALERT, INVESTIGATE, TRACK, REPORT, and CONFIGURE. The left sidebar contains a tree view of various configuration and management modules. A red arrow highlights the 'Match list' link under the 'List Matching' module in both the sidebar and the main content area. The main content area displays 'System Statistics' with the following data:

Description	Total
All Alerts	0
Unassigned Alerts	0
Unassigned Listmatching Alerts	0
Unassigned Incidents	0
Cases Under Investigation	0
Cases Closed	0
Reports Generated	0
Reports Confirmed	0
Exempt persons up for renewal	

Below the statistics are sections for 'Tasks Due Today' and 'Cases Last Viewed', both currently showing 'No results'.

-Click on 'add'

9	BOE	Bank of England						Bank of England	X
10	Whitelist	Entities on this list will be excluded from list matching						Custom	X

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-Enter/update the appropriate fields

-Click on 'save and close'

Match lists > Add match list

Type: Custom

Name*: Countries

Description: Blacklisted Countries

Match List Entries

ID	Modified	Name	Address	City	Country	BirthDate	TIN Number	Do
No results								

Save and Close

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-Click on the recent created entry(s), in this example ‘countries’

10	Whitelist	Entities on this list will be excluded from list matching	Custom	X
11	Countries	Blacklisted Countries	Custom	X

-Click on ‘add’

Match lists > Edit match list

Type	Custom
Name*	Countries
Description	Blacklisted Countries

Match List Entries

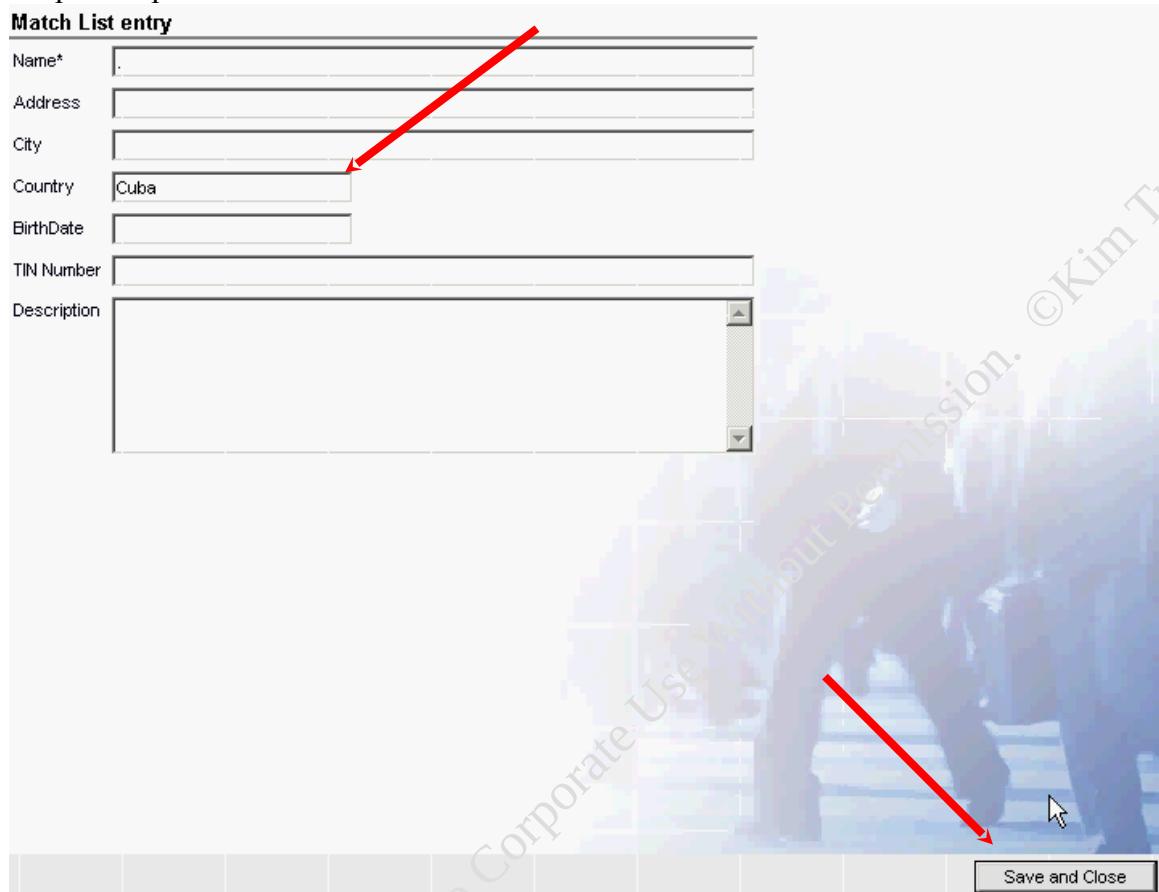
ID	Modified	Name	Address	City	Country	BirthDate	TIN Number
No results							

Add

- Enter/update the appropriate field(s), then click ‘save and close’
- Repeat steps to add more entries

Match List entry

Name*	<input type="text"/>
Address	<input type="text"/>
City	<input type="text"/>
Country	<input type="text" value="Cuba"/>
BirthDate	<input type="text"/>
TIN Number	<input type="text"/>
Description	<input type="text"/>

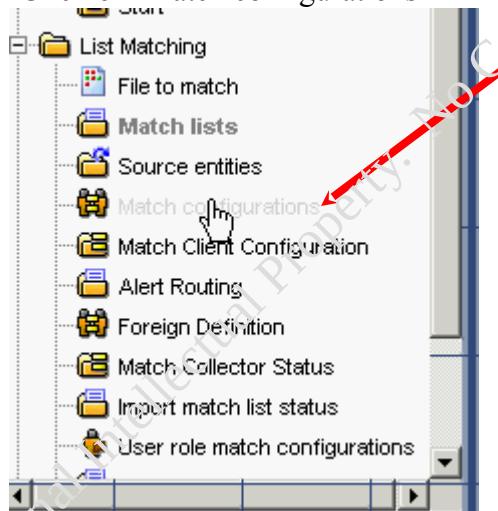
A faint watermark in the background shows two people in a library or study room setting, one sitting at a desk and another standing behind them.

Save and Close

-When done with the entries, click 'save and close'

Match List Entries								
ID	Modified	Name	Address	City	Country	BirthDate	TIN Number	
23940	08-Sep-2009 15:23:42	.			Cuba			
23941	08-Sep-2009 15:23:51	.			Iran			
23942	08-Sep-2009 15:24:06	.			North Korea			

-Click on 'match configurations'



-Click on 'add'

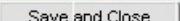
7	CheckFinCEN							X
8	CheckAccuracy							X
9	CheckBOE							X

-Enter/update appropriate field(s), in this example: 'CheckCountries'

-Click 'save and close'

ID:

Configuration name*: 

-Click on the recent created entry(s), in this example ‘CheckCountries’

9	CheckBO#								X
10	CheckCountries								X

-Click on ‘add list’

-Update/correct the appropriate fields, then click 'save and close'

List to be matched

Configuration	CheckCountries
Source	Customers
List	Countries
Score threshold*	85
Recheck period with list changes*	1

Save and Close



-At the following screen, click on 'customers'

Lists to be matched

Source	List	Threshold	Recheck period with list changes	Delete
Customers	Countries	85	1	X

Whitelists to be matched

Source	List	Threshold	Delete
No results			

Add List Add Whitelist



-Click on 'add'

Match configurations > Match configuration details > Show source entity match list link

List to be matched

Configuration	CheckCountries
Source	Customers
List	Countries
Score threshold	85
Recheck period with list changes	1

Fields to be matched

Source field	List field	Weight factor	Delete
No results			



-Update/correct the appropriate field(s), then click 'save and close'

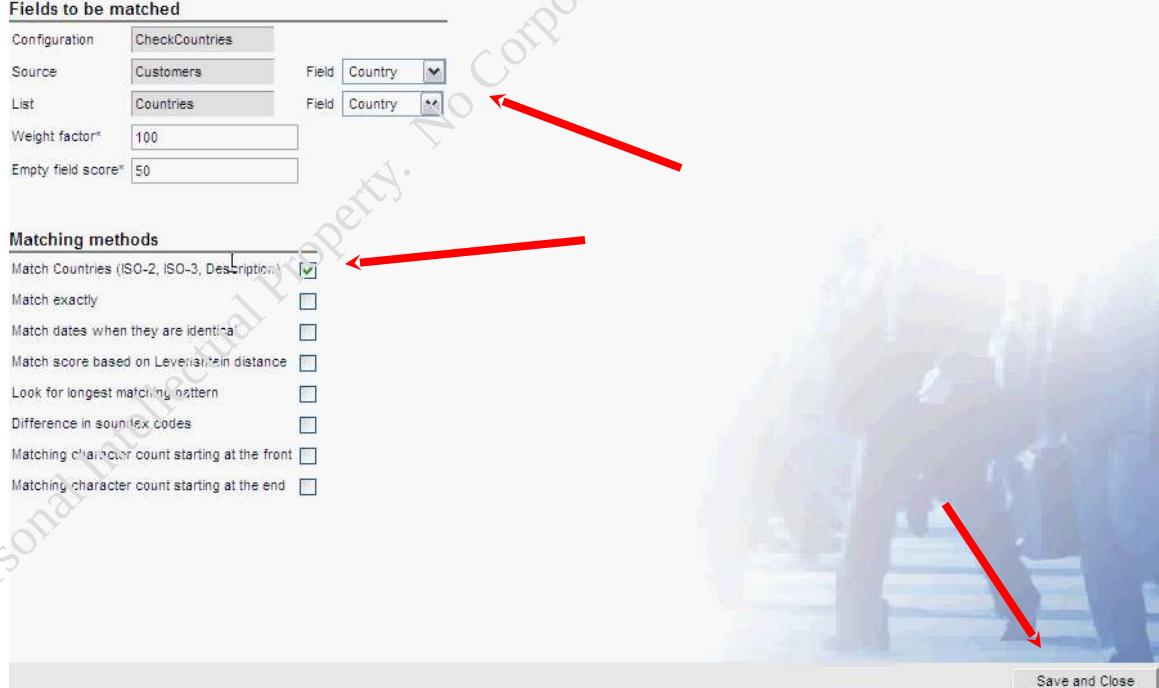
Match configurations > Match configuration details > Show source entity match list link > Edit source entity match list field link

Fields to be matched

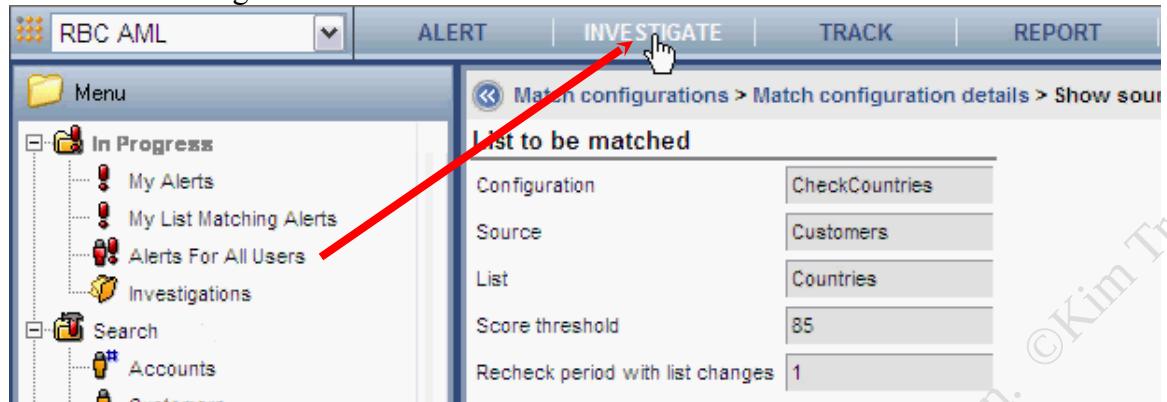
Configuration	CheckCountries
Source	Customers
List	Countries
Weight factor*	100
Empty field score*	50

Matching methods

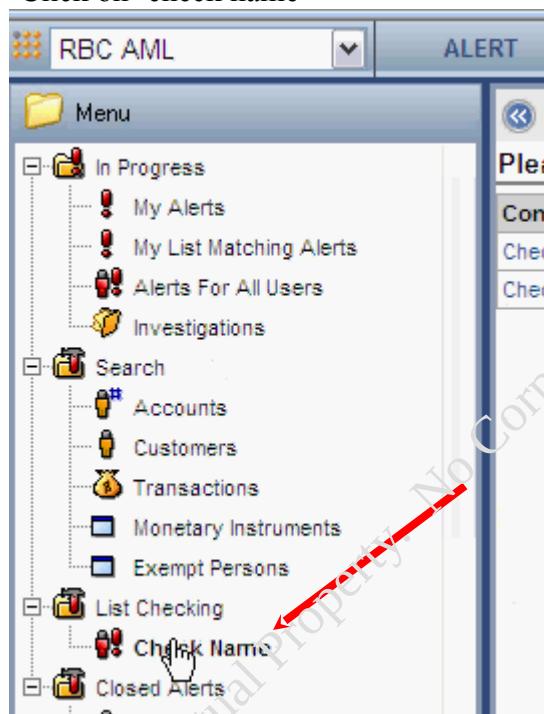
Match Countries (ISO-2, ISO-3, Description)	<input checked="" type="checkbox"/>
Match exactly	<input type="checkbox"/>
Match dates when they are identical	<input type="checkbox"/>
Match score based on Levenshtein distance	<input type="checkbox"/>
Look for longest matching pattern	<input type="checkbox"/>
Difference in soundex codes	<input type="checkbox"/>
Matching character count starting at the front	<input type="checkbox"/>
Matching character count starting at the end	<input type="checkbox"/>



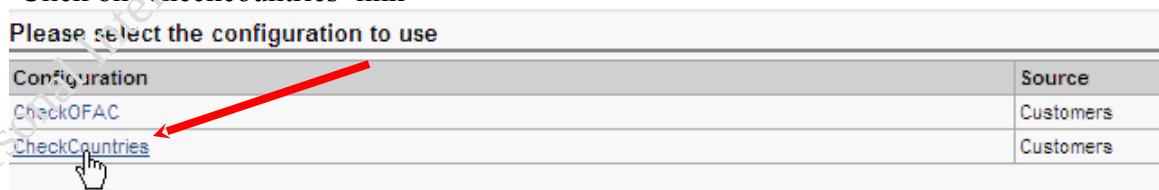
-Click on 'investigate'



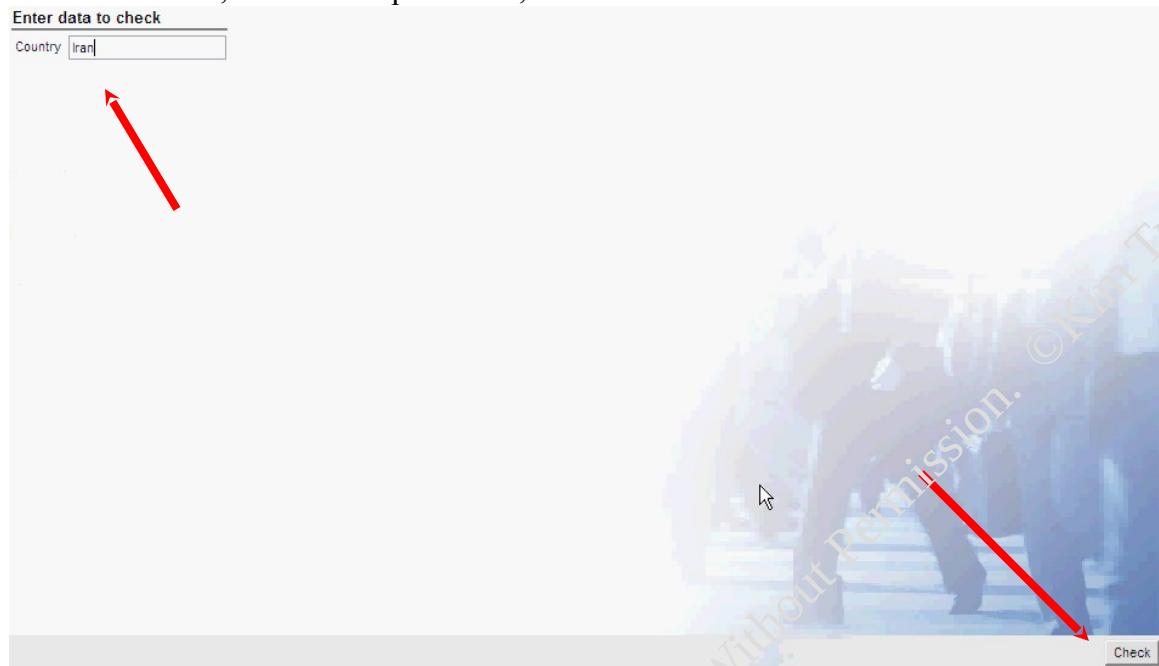
-Click on 'check name'



-Click on 'checkcountries' link



-Enter in criteria, in this example: 'iran', click 'check'



-Verify the results of the 'check'

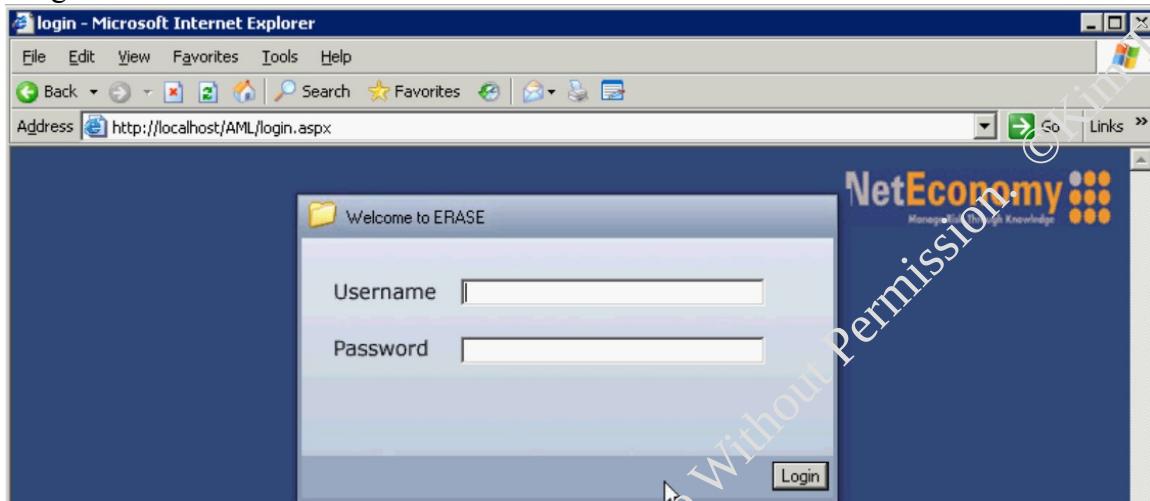
A screenshot of a software application window titled 'Check Name > Online check results'. On the left, a sidebar menu includes 'In Progress', 'Search' (with options like Accounts, Customers, Transactions, Monetary Instruments, Exempt Persons), and 'List Checking' (with sub-options like Check Name, Closed Alerts, Closed Not Investigated, and Closed Not Suspicious). The main area displays a table titled 'Check results for' with one row of data. A red arrow points from the 'Check Name' section of the sidebar up towards the table. Another red arrow points from the bottom-left corner of the sidebar towards the bottom-left corner of the main window. The table has columns: MatchListID, MatchListName, MainSrcRefID, Overall IScore, ListCountry, CountryScore, MLEntryName, MLEntryAddress, MLEntryCity, MLEntryCountry, MLEntryBirthDate, and MLEntryDOB. The single row of data is: 11, Countries, -1, 100, IRAN, 100, IRAN, , , , , .

MatchListID	MatchListName	MainSrcRefID	Overall IScore	ListCountry	CountryScore	MLEntryName	MLEntryAddress	MLEntryCity	MLEntryCountry	MLEntryBirthDate	MLEntryDOB
11	Countries	-1	100	IRAN	100				IRAN		

-When done, log off

Setup analysis service and rules for list matching

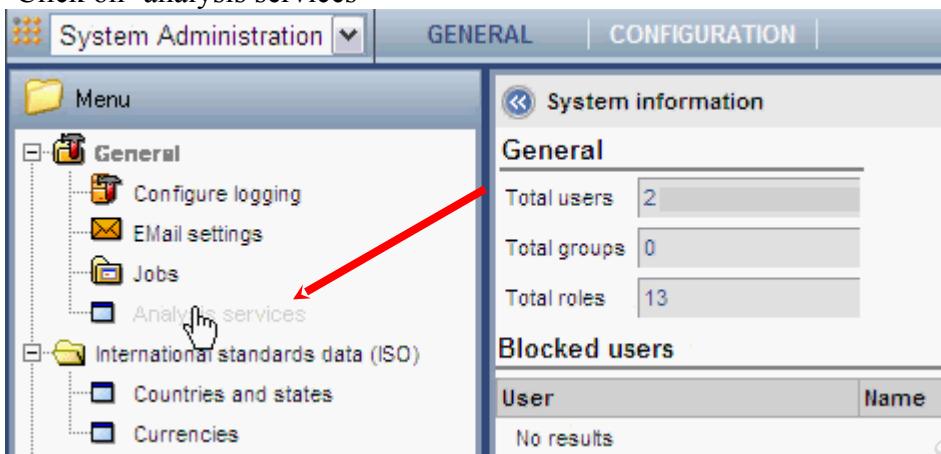
-Login



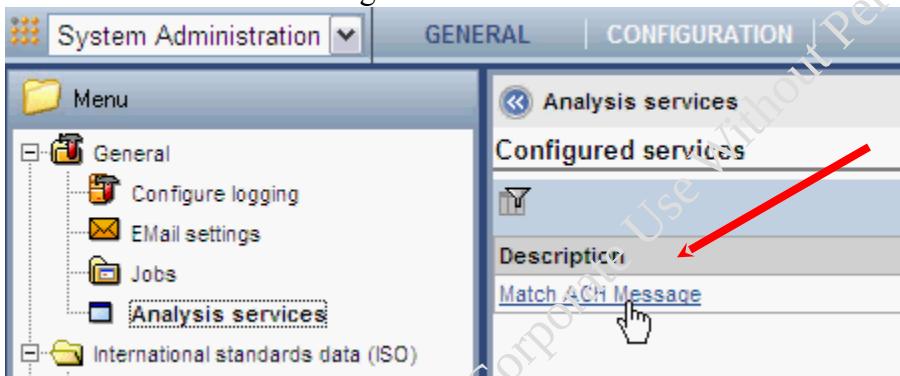
-Select 'system administration' from the drop down box

The screenshot shows the ERASE Management Console interface. On the left, there is a navigation tree with several categories like RBC AML, My Menu, System Administration, Data Transport Filters, Reminders, Maintenance, Permissions, Document Templates, Default Dates, Dcc Report Settings, Static Tables, Workflows, Case Management Configuration, and Risk configuration. The 'System Administration' item is highlighted with a red arrow. The main content area displays 'System Statistics' and 'User Statistics' tables. The 'System Statistics' table includes rows for All Alerts (0), Unassigned Alerts (0), Unassigned Listmatching Alerts (0), Unassigned Incidents (0), Cases Under Investigation (0), Cases Closed (0), Reports Generated (0), Reports Confirmed (0), and Exempt persons up for renewal. The 'User Statistics' table includes rows for My Alerts (0), My List Matching Alerts (0), My Cases (0), and Reports To be Checked (0). At the bottom, there is a section for 'User status' showing 'Availability' as 'Available'. The bottom navigation bar includes 'Log off' and 'System Administrator'.

-Click on ‘analysis services’



-Click on ‘match ach message’



-Click on the ‘analysis’ tab, then click on ‘edit’

General

Description Match ACH Message

Product RBC AML

Source Analysis Rule 1

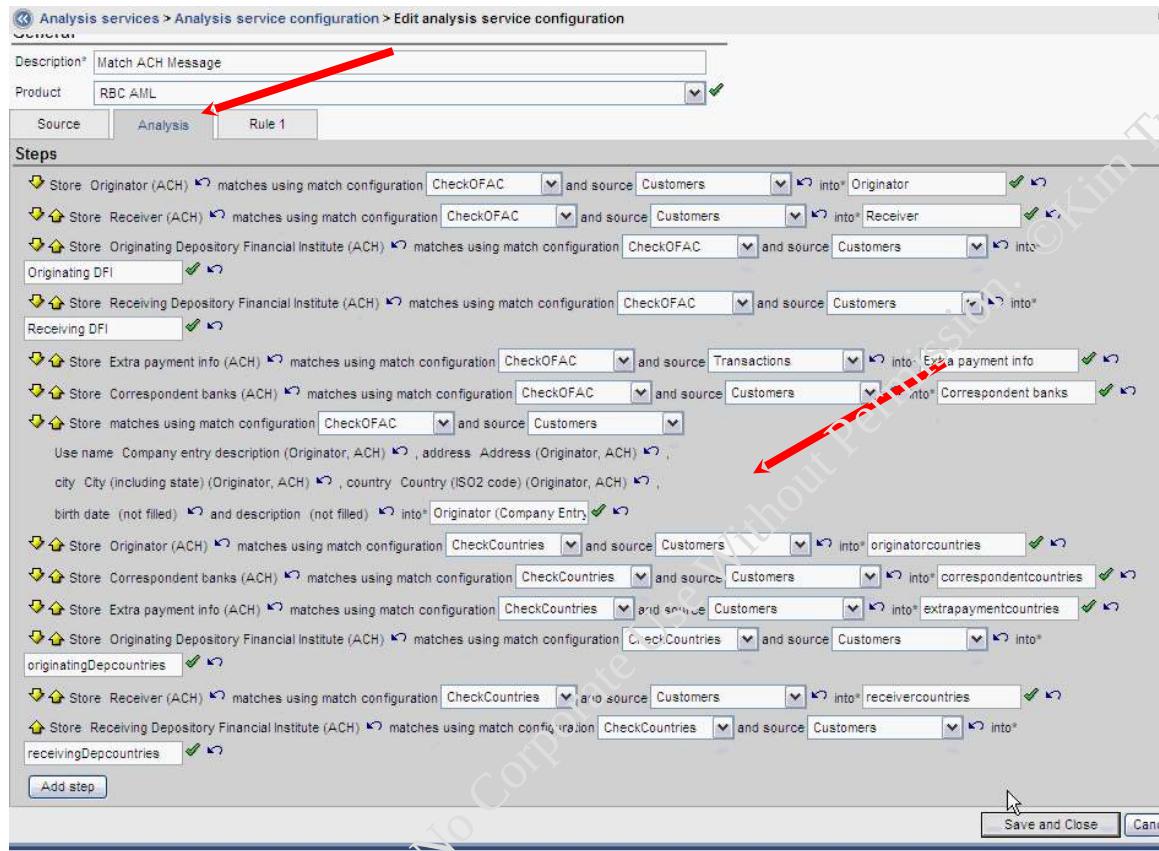
Steps

Store Originator (ACH) matches using match configuration CheckOFAC and source Customers into Originator
Store Receiver (ACH) matches using match configuration CheckOFAC and source Customers into Receiver
Store Originating Depository Financial Institute (ACH) matches using match configuration CheckOFAC and source Customers into Originating DFI
Store Receiving Depository Financial Institute (ACH) matches using match configuration CheckOFAC and source Customers into Receiving DFI
Store Extra payment info (ACH) matches using match configuration CheckOFAC and source Transactions into Extra payment info
Store Correspondent banks (ACH) matches using match configuration CheckOFAC and source Customers into Correspondent banks
Store matches using match configuration CheckOFAC and source Accounts
 Use name: Company entry description (Originator, ACH), address: (not filled),
 city: (not filled), country: Country ISO 5 (Originator, ACH),
 birth date: (not filled) and description: (not filled) into Originator (Company Entry)

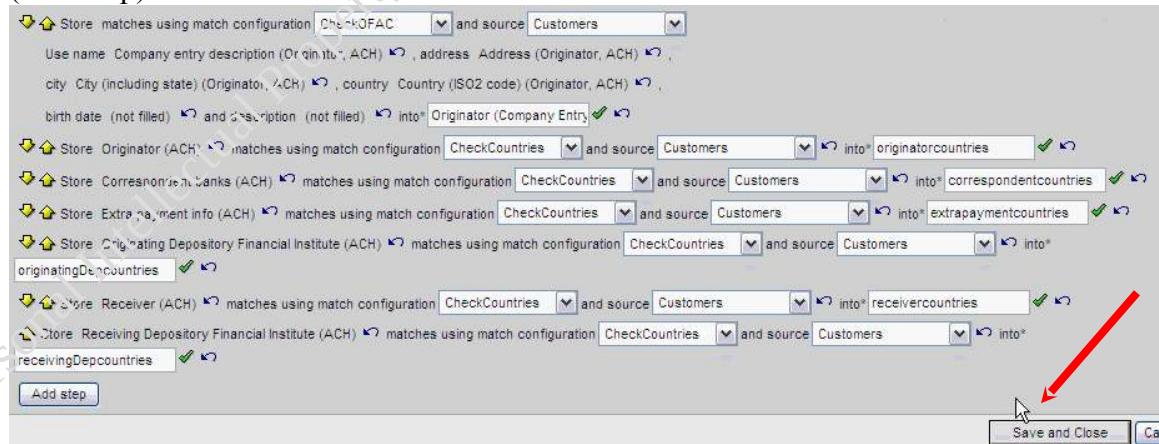


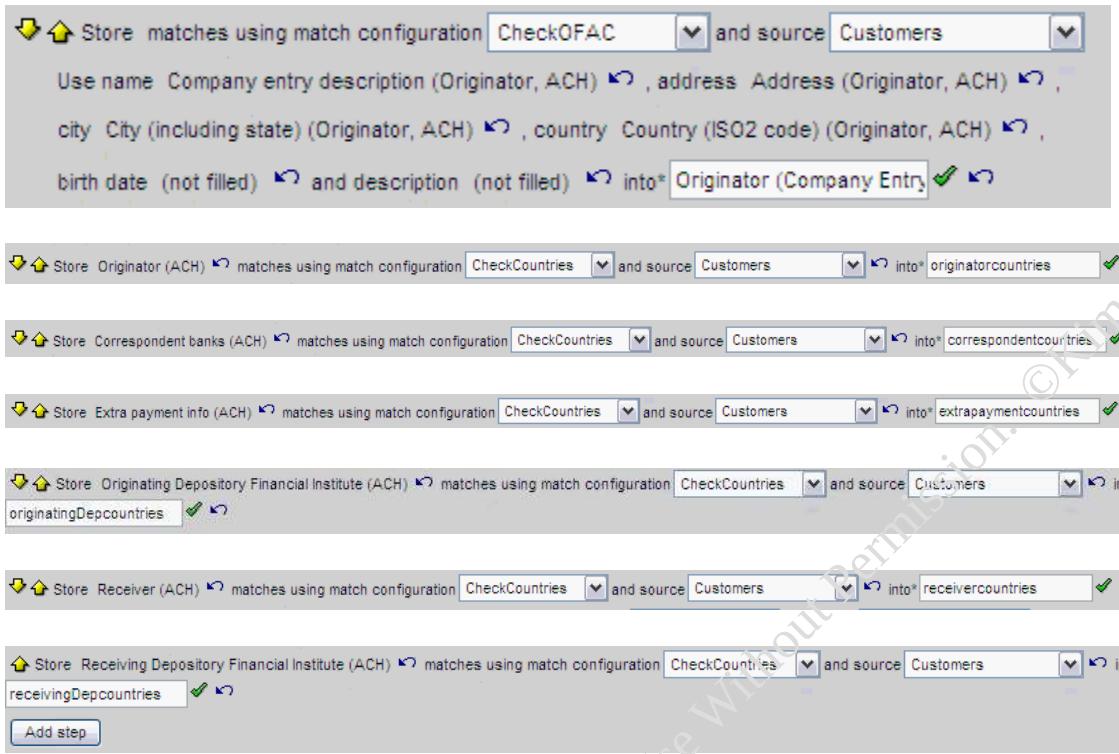
Edit

- Click on the ‘analysis’ tab, update/correct the appropriate fields
- Click ‘add step’, update the fields, then ‘save and close’
- Please see screenshot for details on the fields



(closer up)





-Click on 'edit'

General

Description: Match ACH Message
Product: RBC AML

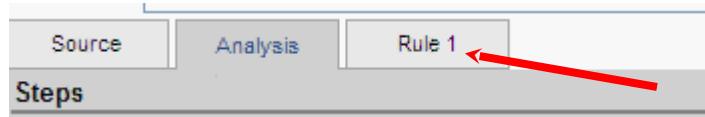
Analysis (Selected)

Steps:

- Store Originator (ACH) matches using match configuration CheckOFAC and source Customers into Originator
- Store Receiver (ACH) matches using match configuration CheckOFAC and source Customers into Receiver
- Store Originating Depository Financial Institute (DFI) (ACH) matches using match configuration CheckOFAC and source Customers into Originating DFI
- Store Receiving Depository Financial Institute (DFI) (ACH) matches using match configuration CheckOFAC and source Customers into Receiving DFI
- Store Extra payment info (ACH) matches using match configuration CheckOFAC and source Transactions into Extra payment info
- Store Correspondent banks (ACH) matches using match configuration CheckOFAC and source Customers into Correspondent banks
- Store matches using match configuration CheckOFAC and source Accounts
 - Use name Company entry description (Originator, ACH), address (not filled), city (not filled), country Country ISO 5 (Originator, ACH), birth date (not filled) and description (not filled) into Originator (Company Entry)

Edit

-Click on 'rule 1' tab



-Update the fields, click 'or...' to add more fields, then click 'add rule' when done

-Please see screenshot for details on the fields

The screenshot displays the 'Rule 1' configuration screen. It includes sections for 'If' conditions and 'Then' actions. The 'If' section contains several 'Or' clauses, each with a condition like 'there is a Overall score in originator higher than* 87'. The 'Then' section includes options to 'Return STOP to the caller', 'Create a 2 - Medium priority ACH alert with alert type: 0130 list matching', and 'Assign the alert to: no-one'. At the bottom left, there is a yellow-highlighted 'Add rule' button, and at the bottom right, a 'Save and Close' button.

(closer up)

This screenshot provides a detailed view of the 'Or' clauses within the 'If' condition of the rule. It shows four separate clauses, each starting with 'Or' and containing a condition like 'there is a Overall score in originator higher than* 87'. The clauses are stacked vertically, with each clause having its own set of associated fields for 'And ...' and 'is not true'.

Or ↗
there is a Overall score in receiving DFI higher than* 87 is not true And ... ↗

Or ↗
there is a Overall score in correspondent banks higher than* 87 is not true And ... ↗

Or ↗
there is a Overall score in extra payment info higher than* 87 is not true And ... ↗

Or ...
is not true Then
Return STOP to the caller
Create a 2 - Medium priority ACH alert with alert type 0130 list matching
Description* Match ACH against OFAC List (* OFAC)
Assign the alert to no-one ↗
Add rule ↗

- Under the ‘rule 2’ tab:
- Update the fields, click ‘or...’ to add more fields, then click ‘create an alert’
- Continue to update the fields
- Click ‘save and close’
- Please see screenshot for details on the fields

General

Description*: Match ACH Message

Product: RBC AML

Source	Analysis	Rule 1	Rule 2
--------	----------	--------	--------

If
there is a match in originatorcountries ↗ is not true And ...

Or ↗
there is a match in receivercountries ↗ is not true And ... ↗

Or ↗
there is a match in correspondentcountries ↗ is not true And ... ↗

Or ↗
there is a match in originatingDepcountries ↗ is not true And ... ↗

Or ↗
there is a match in receivingDepcountries ↗ is not true And ... ↗

Or ... ↗
there is a match in extrapaymentcountries ↗ is not true And ... ↗

is not true Then
Return STOP ↗ to the caller
Create an alert ↗

Add rule ↗

(closer up)

If
there is a match in originatorcountries ↗ is not true And ...

Or ↗
there is a match in receivercountries ↗ is not true And ... ↗

Or ↗

there is a match in correspondentcountries ↗ is not true And ... ↗

Or ↗

there is a match in originatingDepcountries ↗ is not true And ... ↗

Or ↗

there is a match in receivingDepcountries ↗ is not true And ... ↗

Or ↗

there is a match in extrapaymentcountries ↗ is not true And ... ↗

Or ...

is not true Then

Return STOP ↘ to the caller

Create an alert

↙

Add rule

Or ...

is not true Then

Return STOP ↘ to the caller

Create a 1 - High priority ACH alert with alert type 0130 list matching

Description: Match ACH against Blacklist Countries (* Custom Country List)

Assign the alert to: no-one

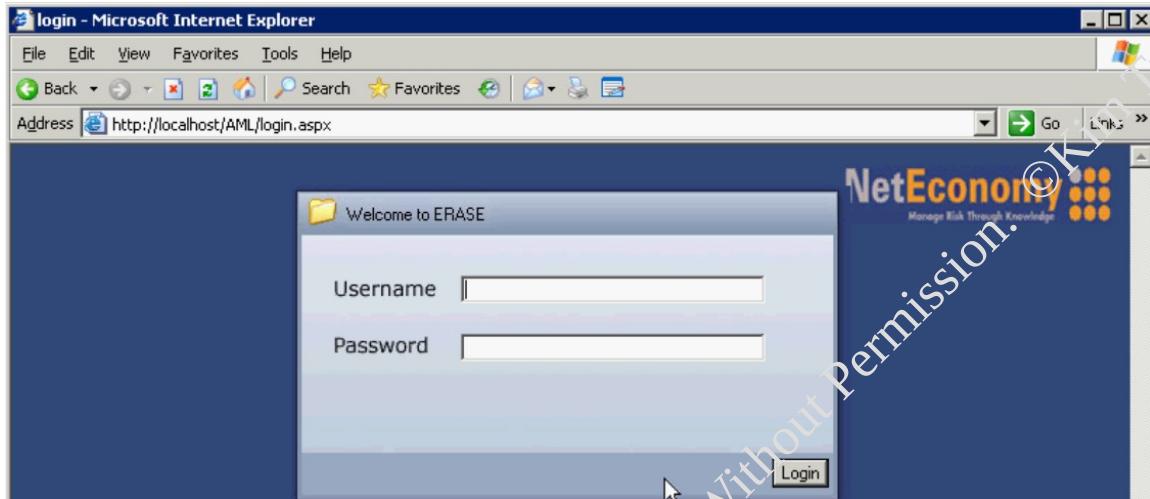
Add rule

Save and Close

-When done, log off

Setup password policy

-Login



-Under 'system administration', click on 'authorization level management'

-Click on key icon (password policy)

Level	Name	Password policy
1	High	key icon
5	Normal	key icon

-Update/correct appropriate fields, then click ‘save and close’

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Personal Intellectual Property. No Corporate Use Without Permission.

Password policy

Authorization level: Normal

Password Reserved

Minimum password length*: 6 

Password should contain at least one capital:

Password should contain at least one lower case character:

Password should contain at least one non alphabetic character:

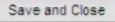
Check for trivial passwords:

Password cannot be an existing name:

Remember password history: One year 

Password expires: 90 days 

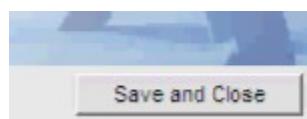
Block access: After 3 tries  within 5 minutes 



(closer up)

Password policy

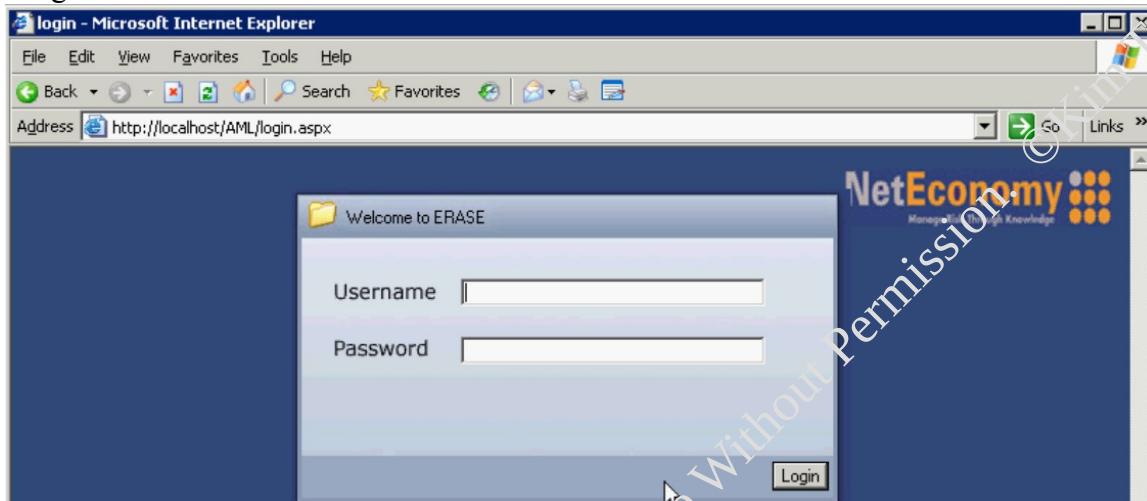
Authorization level	Normal
<input type="radio"/> Password <input type="radio"/> Reserved	
Minimum password length*	<input type="text" value="6"/>
Password should contain at least one capital.	<input checked="" type="checkbox"/>
Password should contain at least one lower case character.	<input checked="" type="checkbox"/>
Password should contain at least one not alphabetic character.	<input type="checkbox"/>
Check for trivial passwords	<input type="checkbox"/>
Password cannot be an existing name.	<input checked="" type="checkbox"/>
Remember password history	<input type="button" value="One year"/>
Password expires	<input type="button" value="90 days"/>
Block access	<input type="button" value="After 3 tries"/> within <input type="button" value="5 minutes"/>



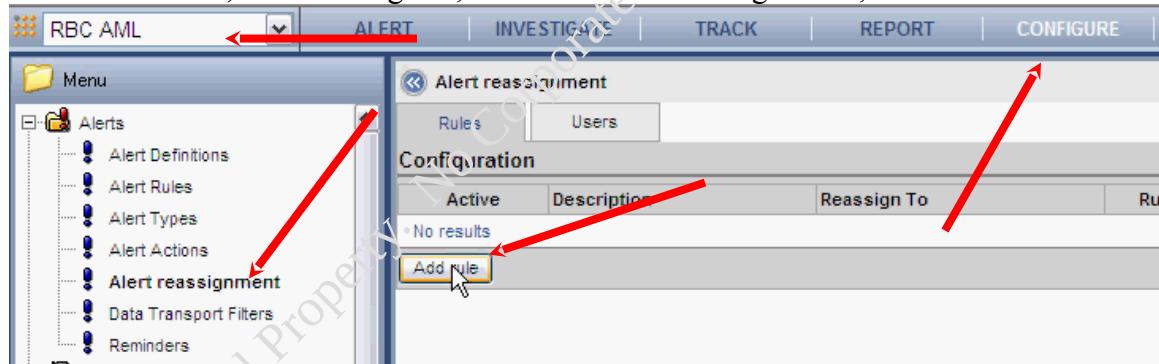
-When done, log off

Set out of office alert reassignment

-Login



-Under 'rbc aml', click 'configure', then click 'alert reassignment', then click 'add rule'



-Update/correct the appropriate fields, then click 'save and close'

Alert reassignment > Add reassignment rule

Rule

Description* Out of Office Alert Reassignment

Active

Active Criteria

The alert status was Assigned to Investigate for 0 business days

No alert action checklist items have been completed for 5 business days

The alert priority is High

The alert type is Inordinate Number of Accounts

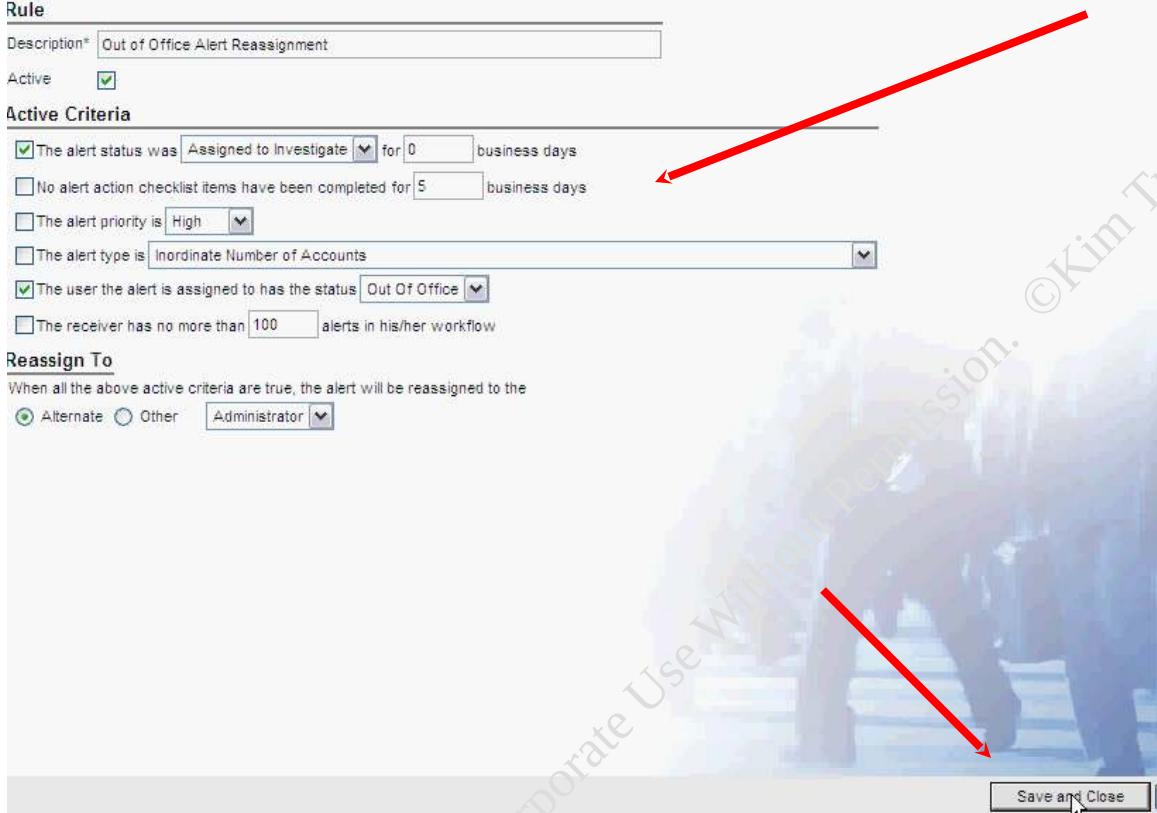
The user the alert is assigned to has the status Out Of Office

The receiver has no more than 100 alerts in his/her workflow

Reassign To

When all the above active criteria are true, the alert will be reassigned to the

Alternate Other Administrator



(closer up)

Rule

Description* Out of Office Alert Reassignment

Active

Active Criteria

The alert status was Assigned to Investigate for 0 business days

No alert action checklist items have been completed for 5 business days

The alert priority is High

The alert type is Inordinate Number of Accounts

The user the alert is assigned to has the status Out Of Office

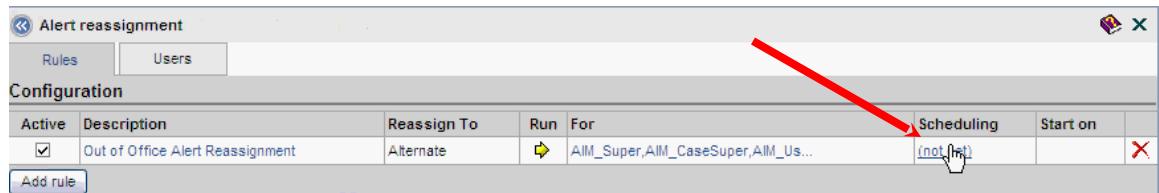
The receiver has no more than 100 alerts in his/her workflow

Reassign To

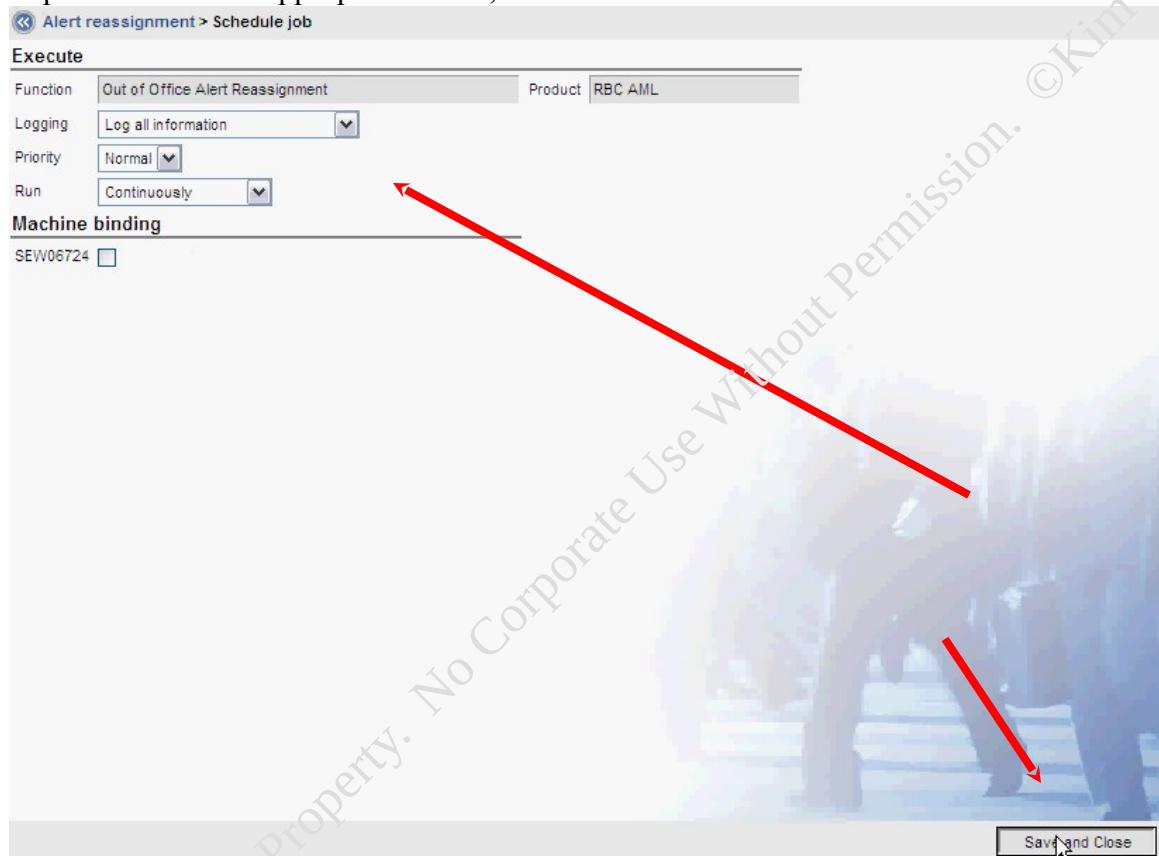
When all the above active criteria are true, the alert will be reassigned to the

Alternate Other Administrator

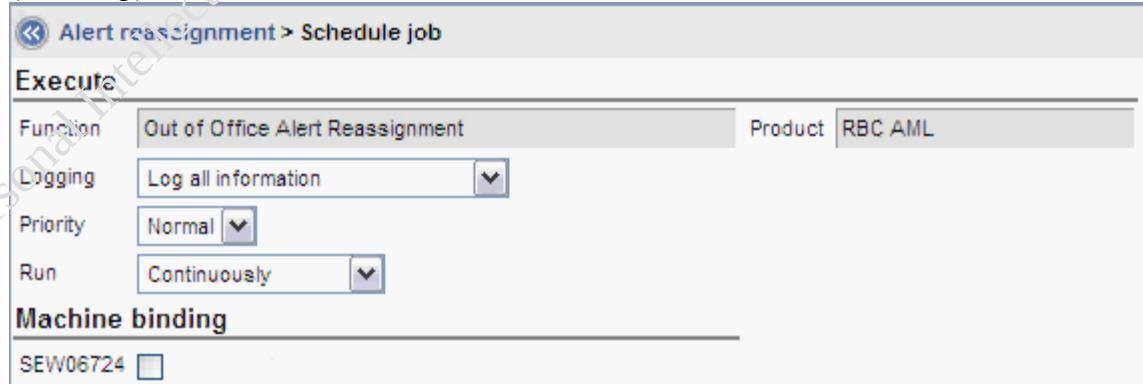
-Click on 'not set'



-Update/correct the appropriate fields, click on 'save and close'



(closer up)



-Verify the configuration/settings

Alert reassignment							
Rules		Users					
Configuration							
Active	Description	Reassign To	Run	For	Scheduling	Start on	
<input checked="" type="checkbox"/>	Out of Office Alert Reassignment	Alternate	⚡	AIM_Super,AIM_CaseSuper,AIM_Us...	Continuously		✖
Add rule							

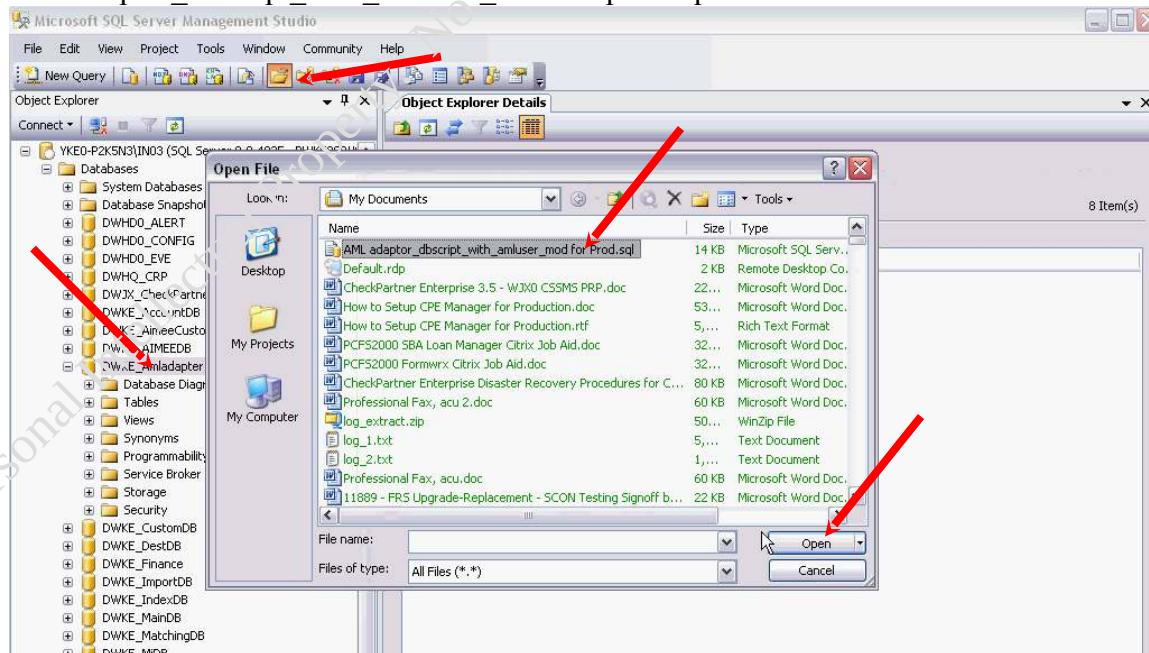
-When done, log off

Run SQL script for AML adapter DB (database)

- Open up the sql server management studio
- Connect to the appropriate server



- When the database opens, expand to the correct database, then click on the 'open' icon
- Choose the correct file, click 'open'
- In this example: 'dwke_amladapter' database and
'aml adaptor_dbscript_with_amluser_mod for prod.sql'



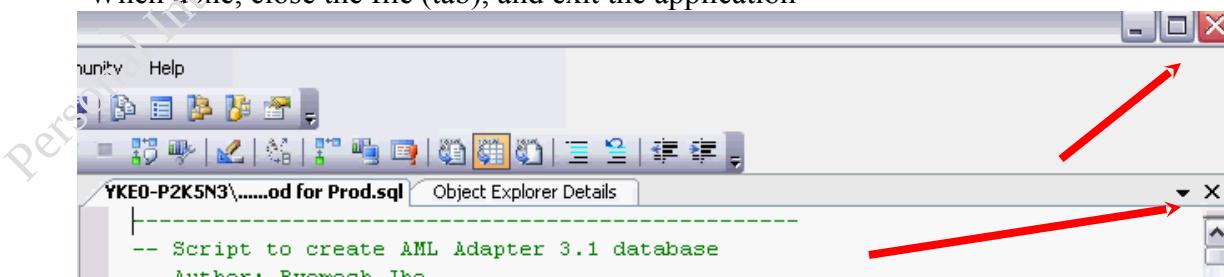
-You should be at this similar screen:

A screenshot of Microsoft SQL Server Management Studio. The title bar says "Microsoft SQL Server Management Studio". The menu bar includes File, Edit, View, Query, Project, Tools, Window, Community, Help. The toolbar has various icons for file operations like New Query, Open, Save, and Execute. The Object Explorer shows a tree view of databases, including "YKEO-P2K5N3\IN03 (SQL Server 9.0.4035 - PWKEOSRV01)" which contains several system databases and a user database "DWKE_Amladapter". The main pane displays a SQL script titled "YKEO-P2K5N3\.....od for Prod.sql". The script is a database creation script for "DWKE_AMLADAPTER". It includes comments at the top: "Script to create AML Adapter 3.1 database", "Author: Bymesh Jha", "Date: 03/22/2009", and "script would require modifications. modified for RBC Bank by Lewis Lebron". The script itself uses standard T-SQL commands like USE, GO, SET ANSI_NULLS, and IF NOT EXISTS to create the database and its objects.

-Click on the 'execute' button, and verify the message(s)

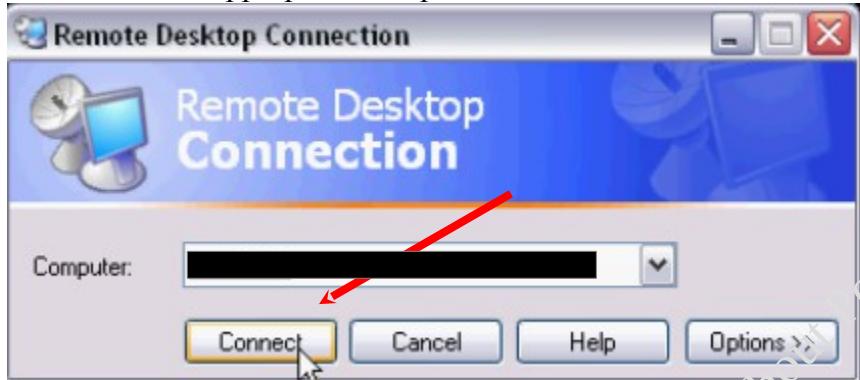
A screenshot of Microsoft SQL Server Management Studio showing the execution of the database creation script. A red arrow points to the "Execute" button in the toolbar. Another red arrow points to the "Messages" tab in the bottom right corner of the main window, which displays the message "Command(s) completed successfully.".

-When done, close the file (tab), and exit the application

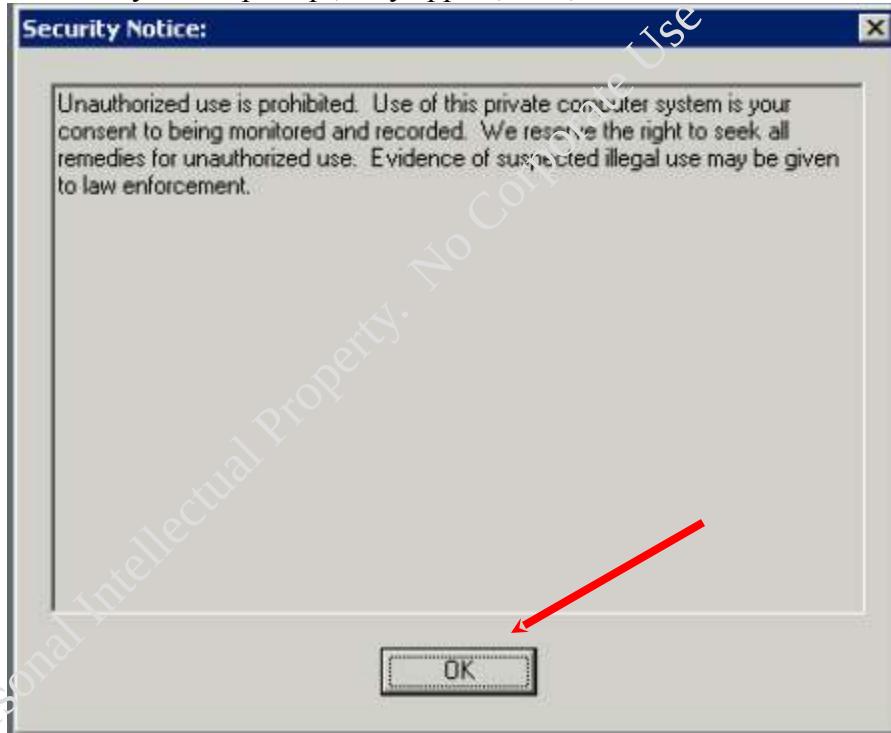


Install AML adapter in production

- Open up ‘remote desktop connection’ (from start menu, or other shortcut)
- Connect to the appropriate computer/workstation



- A security notice prompt, may appear, if so, click ‘ok’



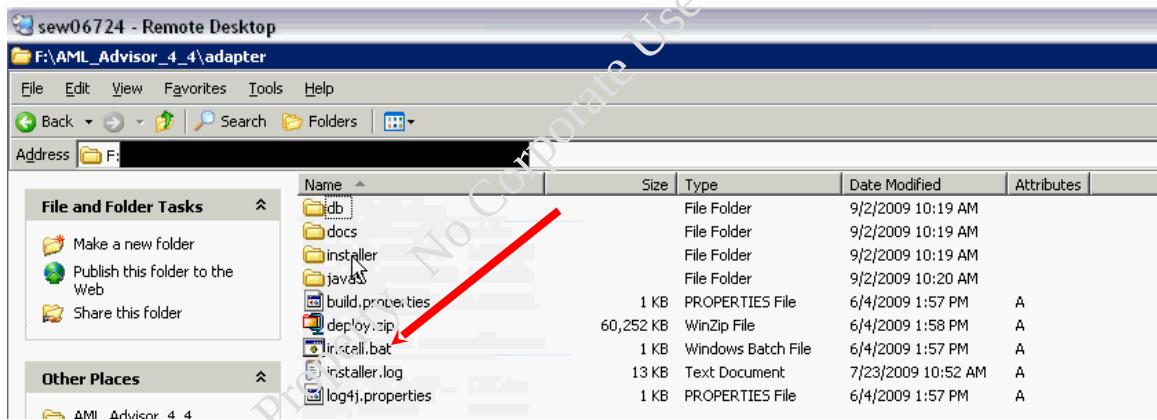
-Enter in the appropriate login credentials, then click 'ok'



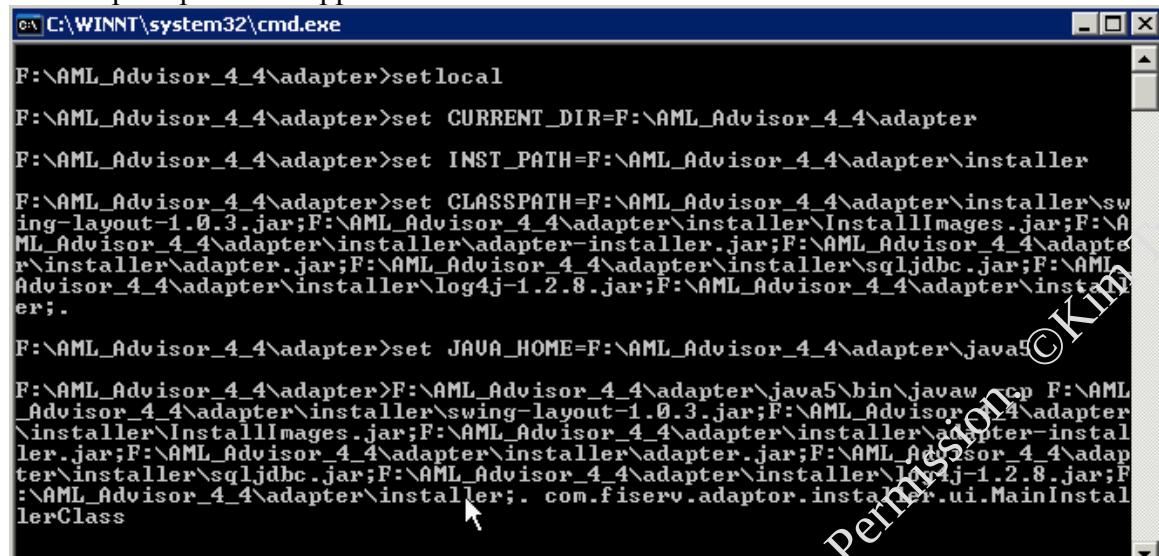
-Navigate to the appropriate directory, in this example:

\\sew06724\\nt_apps\\aml_advisor4_4\\adapter

-Click on 'install.bat'



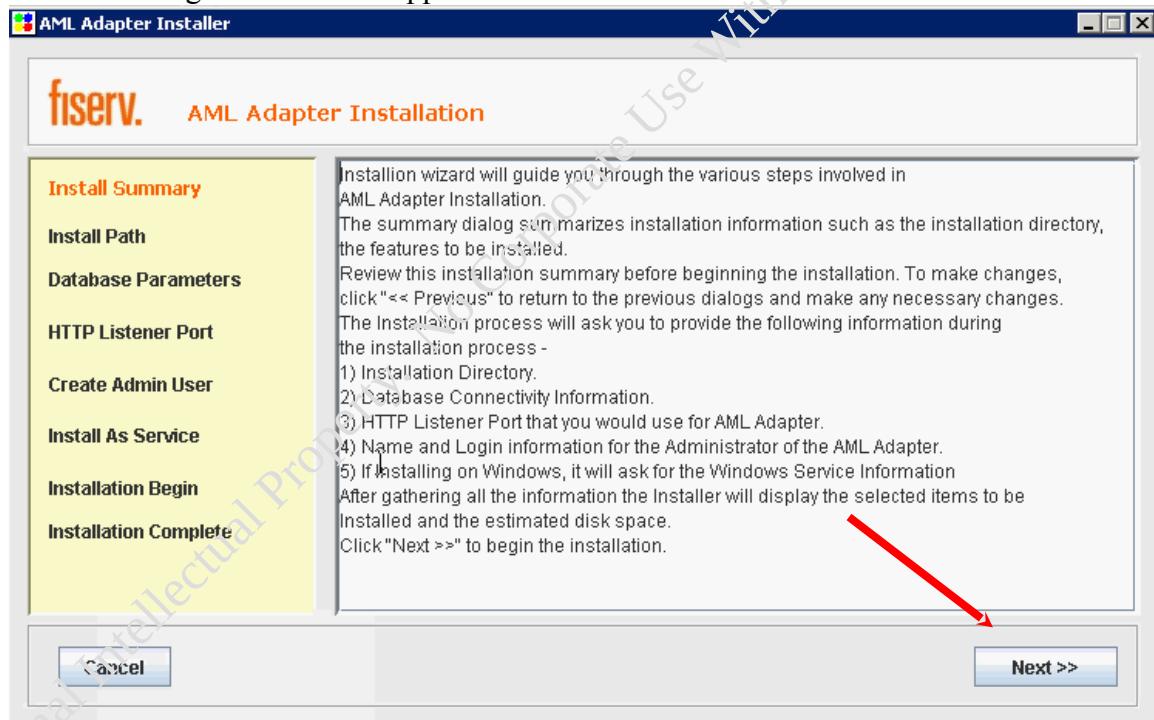
-A cmd prompt should appear:



```
C:\WINNT\system32\cmd.exe

F:\AML_Advisor_4_4\adapter>setlocal
F:\AML_Advisor_4_4\adapter>set CURRENT_DIR=F:\AML_Advisor_4_4\adapter
F:\AML_Advisor_4_4\adapter>set INST_PATH=F:\AML_Advisor_4_4\adapter\installer
F:\AML_Advisor_4_4\adapter>set CLASSPATH=F:\AML_Advisor_4_4\adapter\installer\swing-layout-1.0.3.jar;F:\AML_Advisor_4_4\adapter\installer\InstallImages.jar;F:\AML_Advisor_4_4\adapter\installer\adapter-installer.jar;F:\AML_Advisor_4_4\adapter\installer\adapter.jar;F:\AML_Advisor_4_4\adapter\installer\sqljdbc.jar;F:\AML_Advisor_4_4\adapter\installer\log4j-1.2.8.jar;F:\AML_Advisor_4_4\adapter\installer;.
F:\AML_Advisor_4_4\adapter>set JAVA_HOME=F:\AML_Advisor_4_4\adapter\java5\bin\javaw & cp F:\AML_Advisor_4_4\adapter\installer\swing-layout-1.0.3.jar;F:\AML_Advisor_4_4\adapter\installer\InstallImages.jar;F:\AML_Advisor_4_4\adapter\installer\adapter-installer.jar;F:\AML_Advisor_4_4\adapter\installer\adapter.jar;F:\AML_Advisor_4_4\adapter\installer\sqljdbc.jar;F:\AML_Advisor_4_4\adapter\installer\log4j-1.2.8.jar;F:\AML_Advisor_4_4\adapter\installer;. com.fiserv.adaptor.installer.ui.MainInstallerClass
```

-The following screen should appear afterwards:

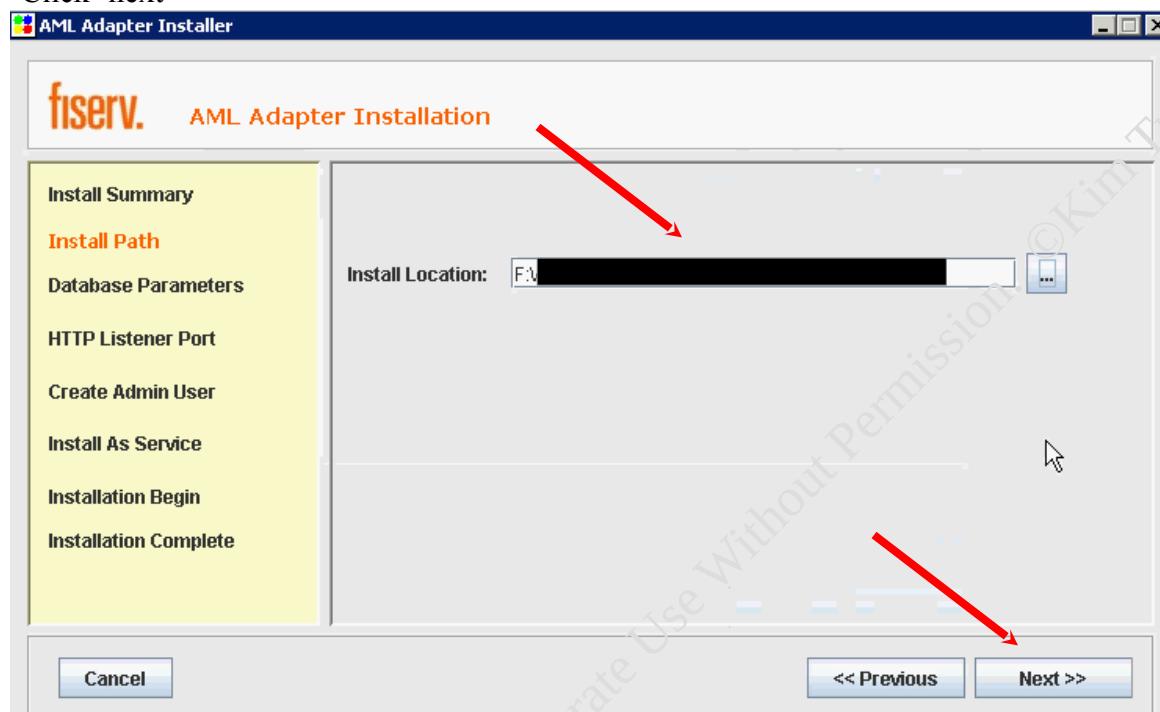


-At the next screen, type in (or browse [...]) the appropriate location

-In this example:

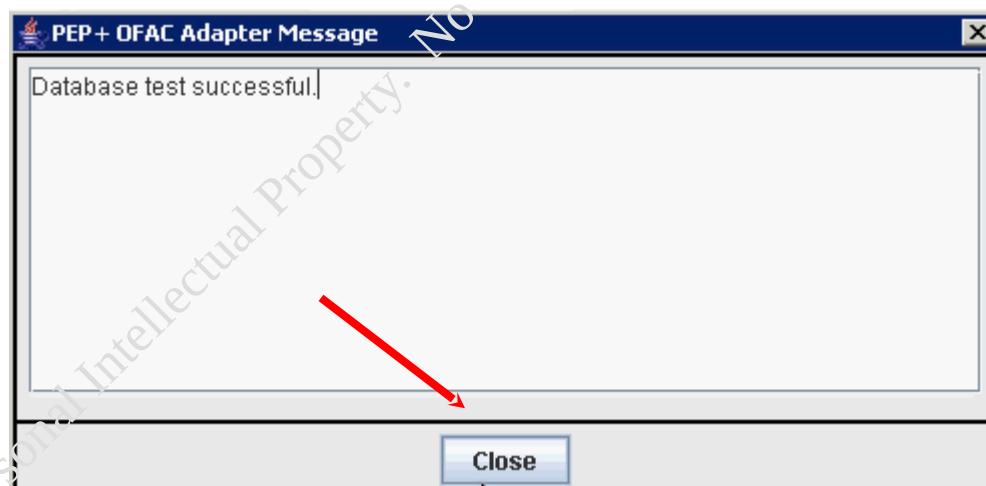
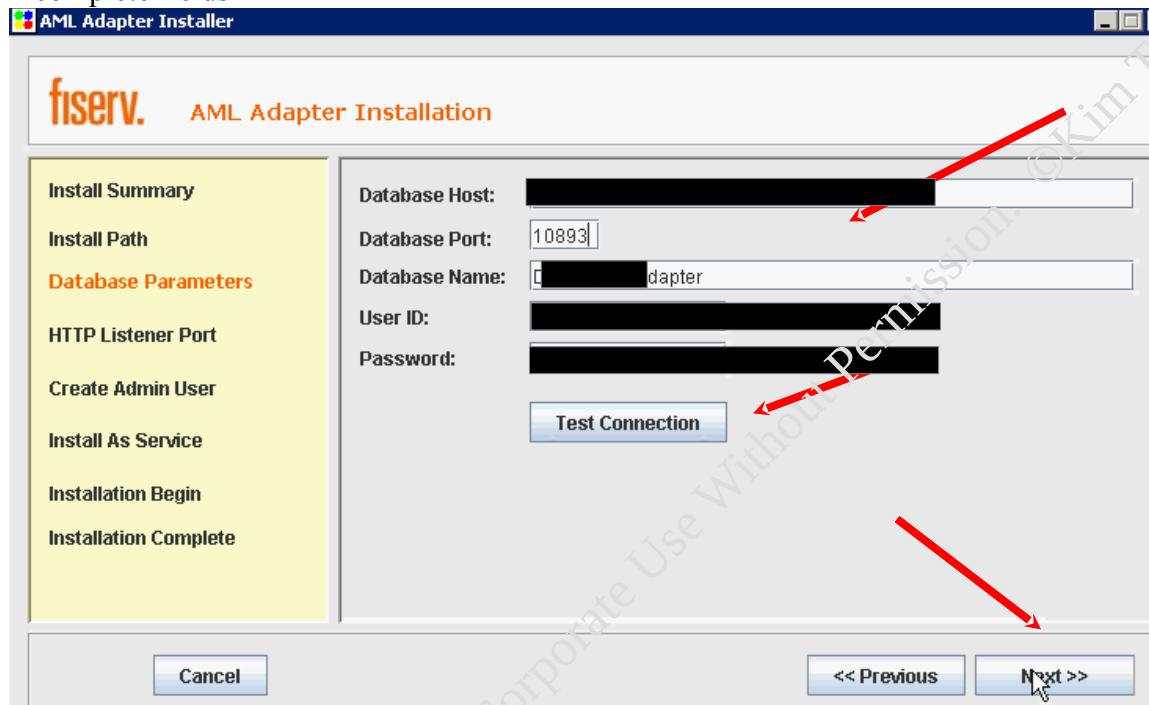
F:\aml_adapter\amladapter

-Click 'next'

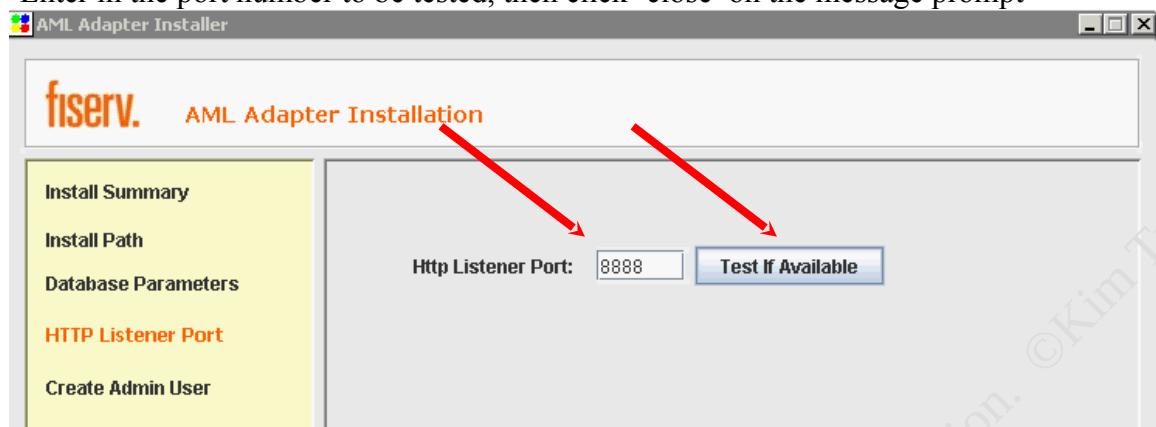


- Enter/update the appropriate fields
- Click ‘test connection’ if successful, another pop up box will appear
- Click ‘close’, then click ‘next’

-See [Troubleshooting](#) database port if the ‘next’ button is still grayed out due to incomplete fields

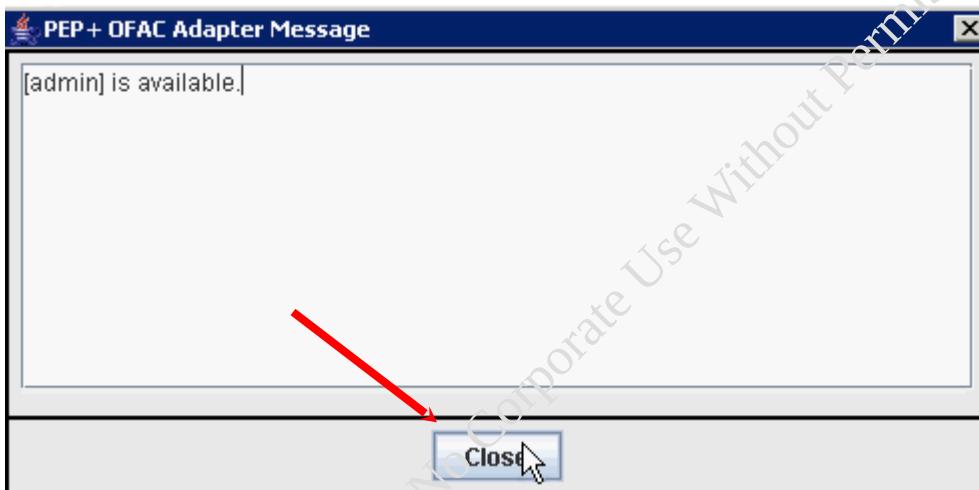
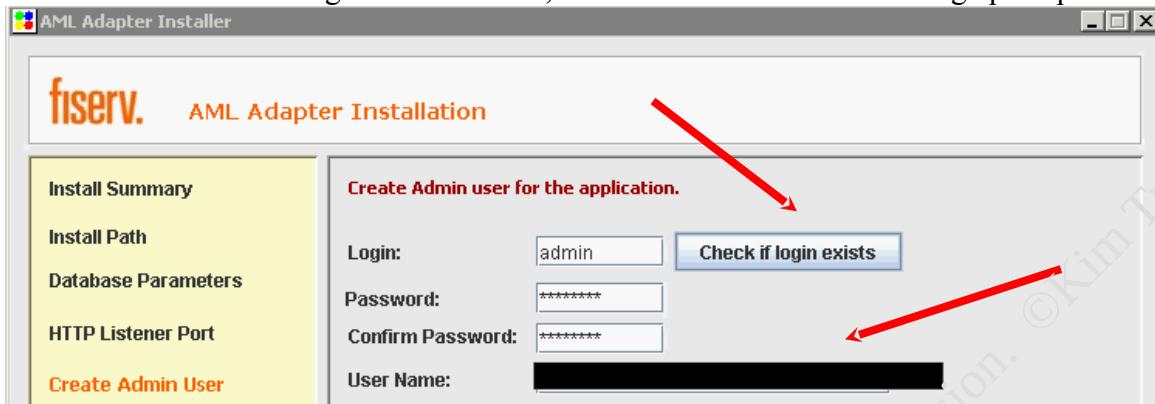


-Enter in the port number to be tested, then click ‘close’ on the message prompt

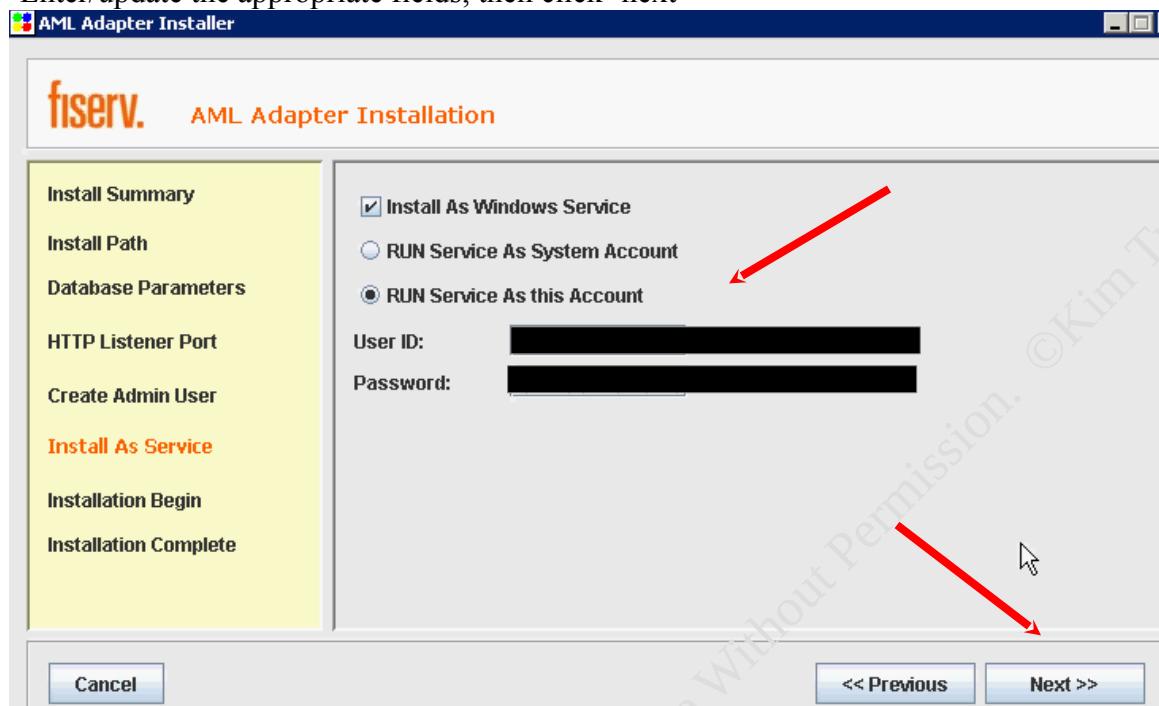


-Enter/update the appropriate fields

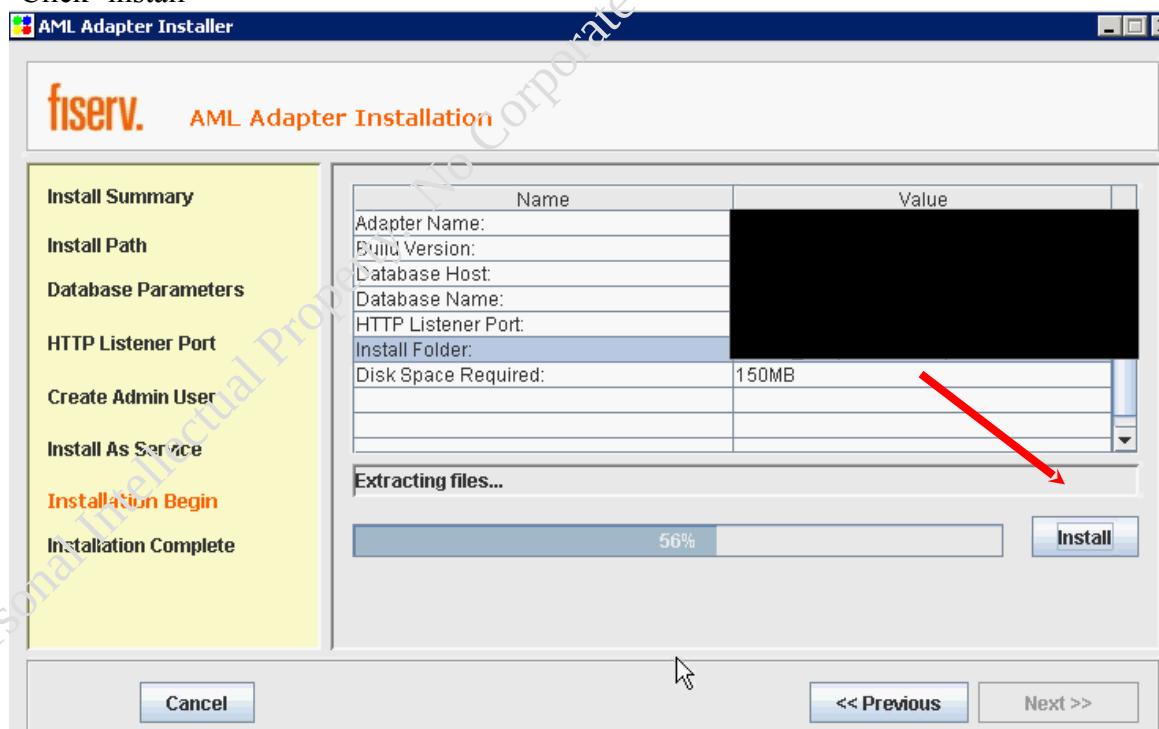
-Click on the 'check if login exists' button, then click 'close' on the message prompt



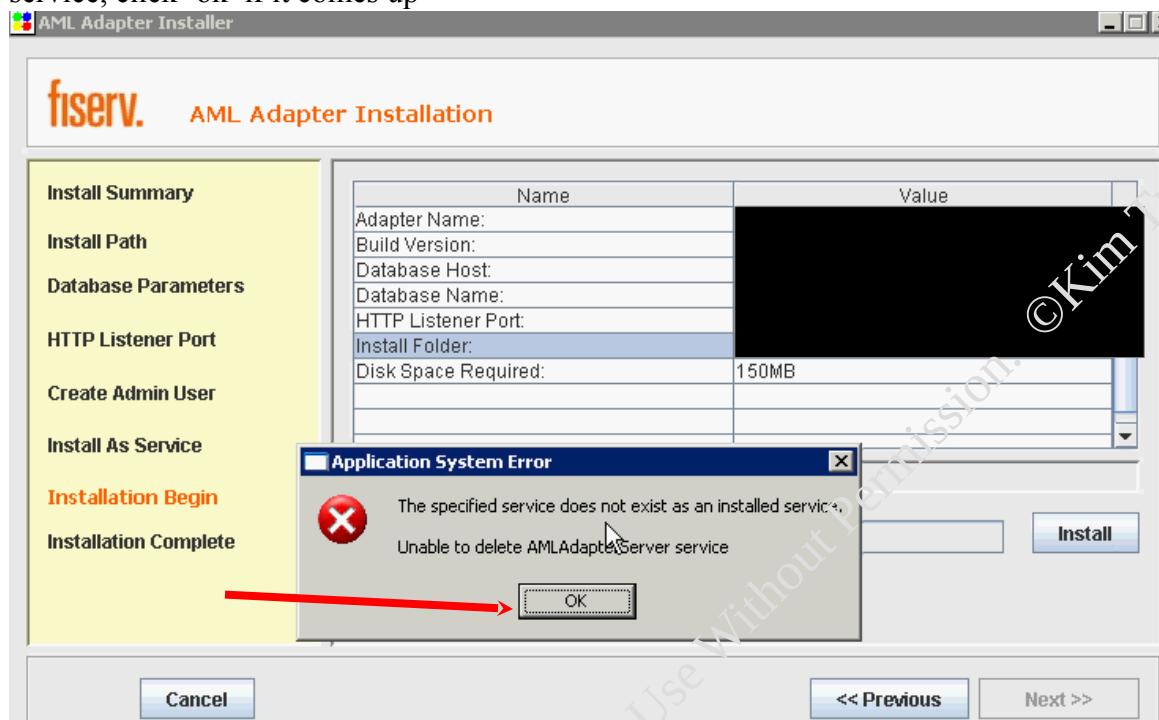
-Enter/update the appropriate fields, then click 'next'



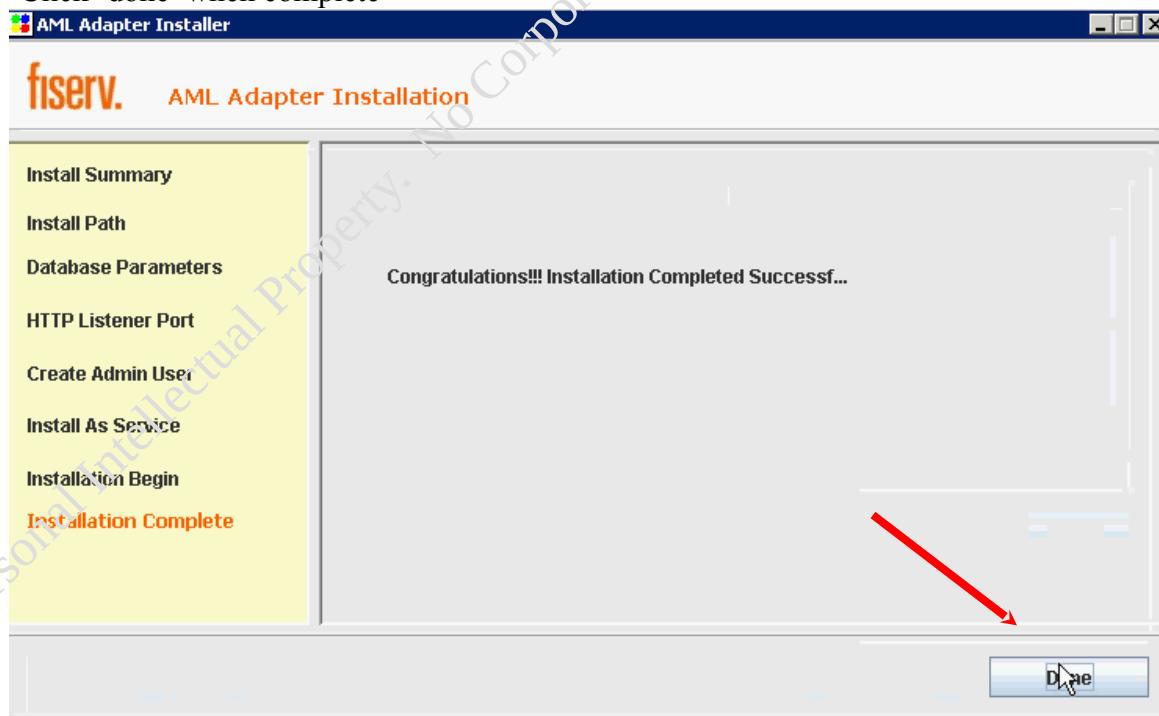
-Click 'install'



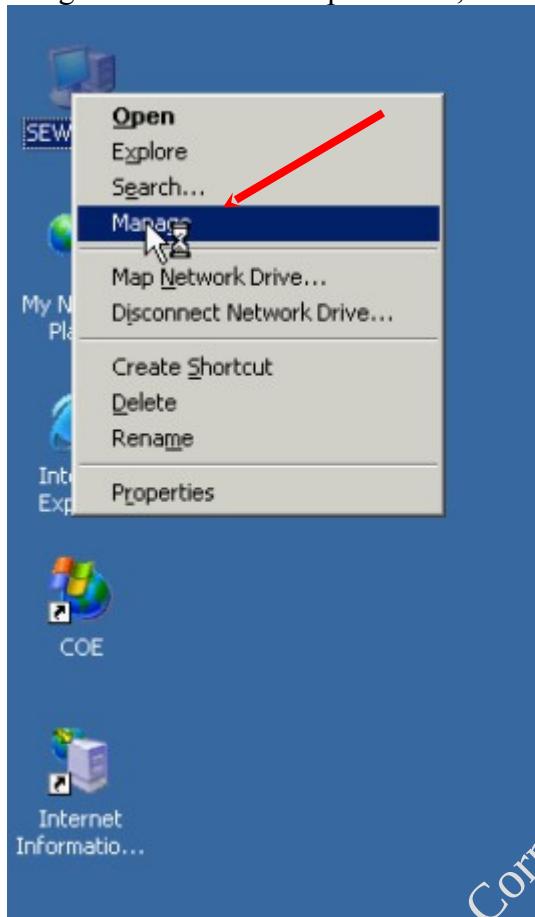
-A message may appear, mentioning the service does not exist and cannot remove the service, click 'ok' if it comes up



-Click 'done' when complete

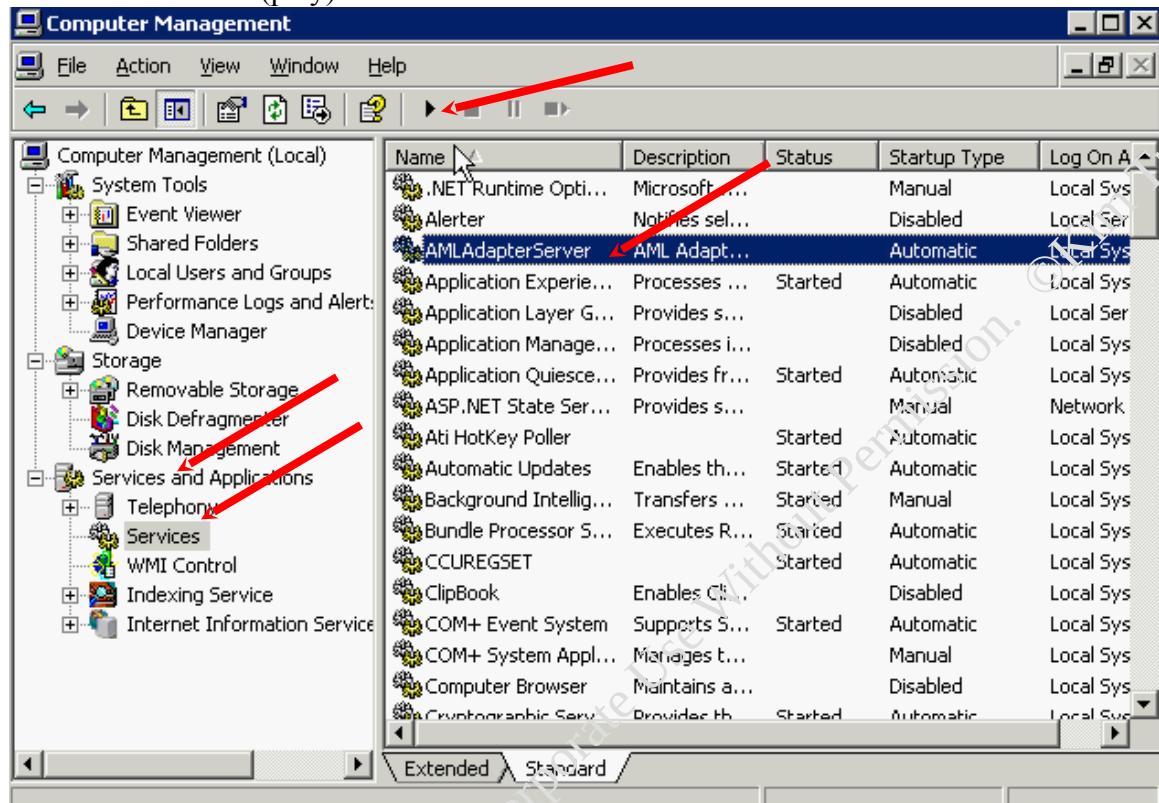


-‘Right click’ on the computer icon, click ‘manage’

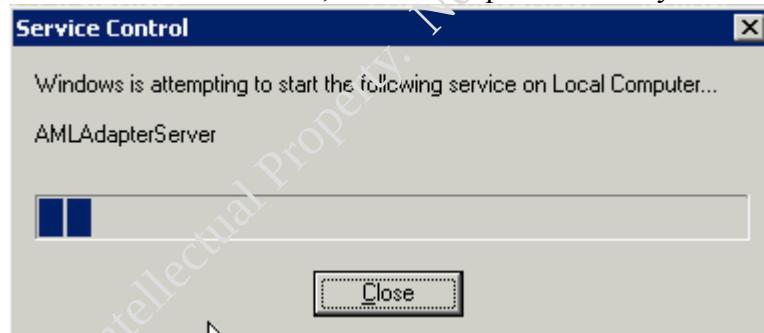


Personal Intellectual Property. No Corporate Use Without Permission. ©Kim Tran

- Expand the ‘service and applications’, click ‘services’
- Find the ‘amladapterserver’, click on it once to select/highlight it
- Click on the ‘start’(play) button



- The service control box, should be up momentarily to indicate the service is starting

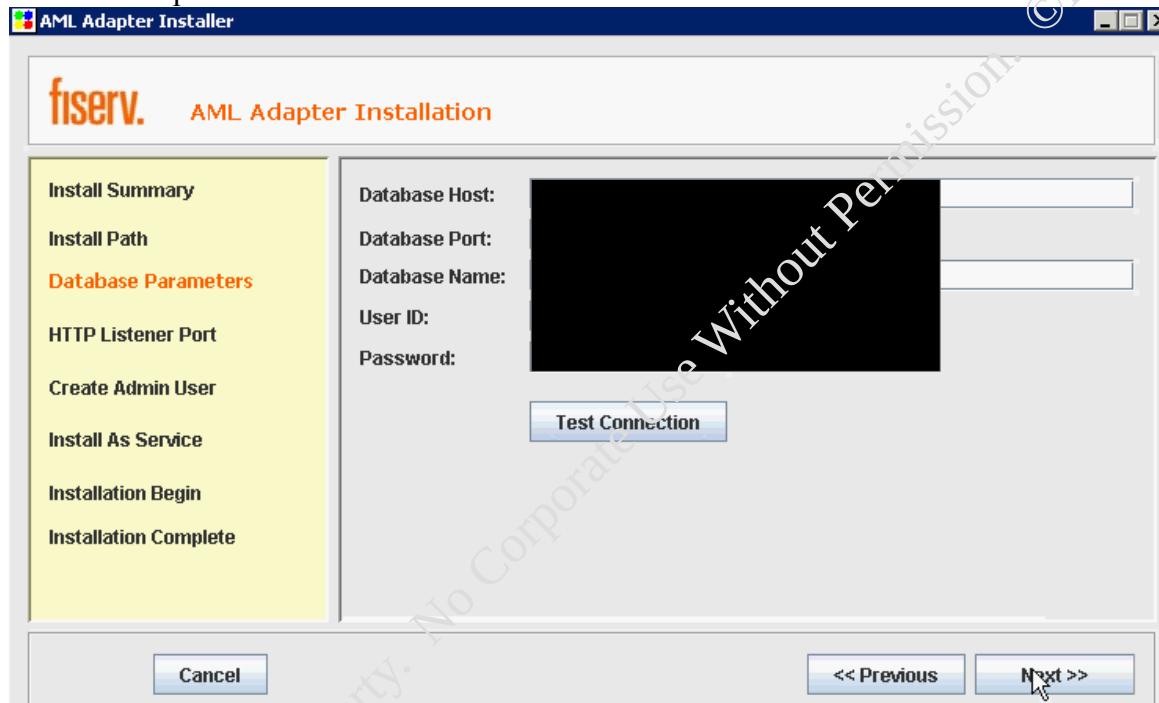


- When complete, close all windows/applications, and log off (disconnect remote session)

--**Troubleshooting**-- For database port

It's advised that you get all relevant/correct information for the fields from support or your systems/network administrator

- If you are unsure of the port number to use:
- Open up cmd prompt (start > run > cmd), enter in 'netstat'
- Look at the port that the host/server is connected to

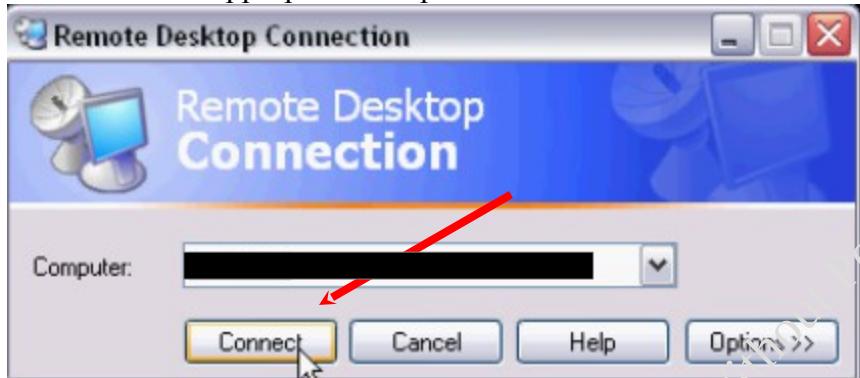


The screenshot shows a command-line interface (cmd.exe) window with the title 'C:\WINNT\system32\cmd.exe'. The command 'netstat' is run, and the output shows active connections. A red arrow points to the 'State' column of the table, which lists connection states such as 'ESTABLISHED' and 'TIME_WAIT'.

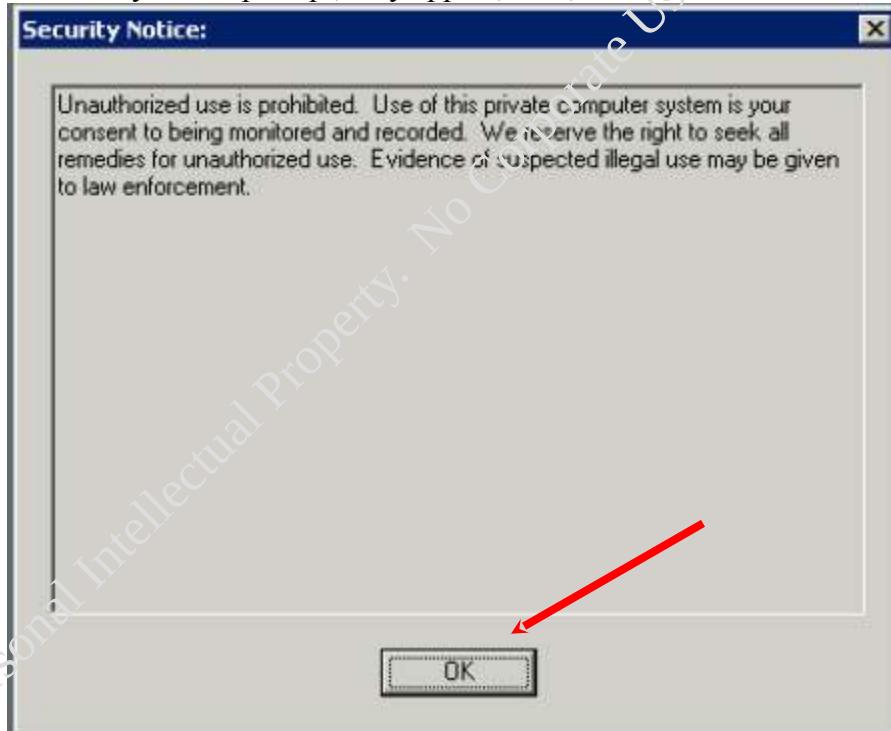
Proto	Local Address	Foreign Address	State
TCP			ESTABLISHED
TCP			TIME_WAIT
TCP			TIME_WAIT
TCP			ESTABLISHED
TCP			ESTABLISHED

Configure AML adapter in production

- You may need to remote desktop into the appropriate server/workstation
- Open up ‘remote desktop connection’ (from start menu, or other shortcut)
- Connect to the appropriate computer/workstation



- A security notice prompt, may appear, if so, click ‘ok’

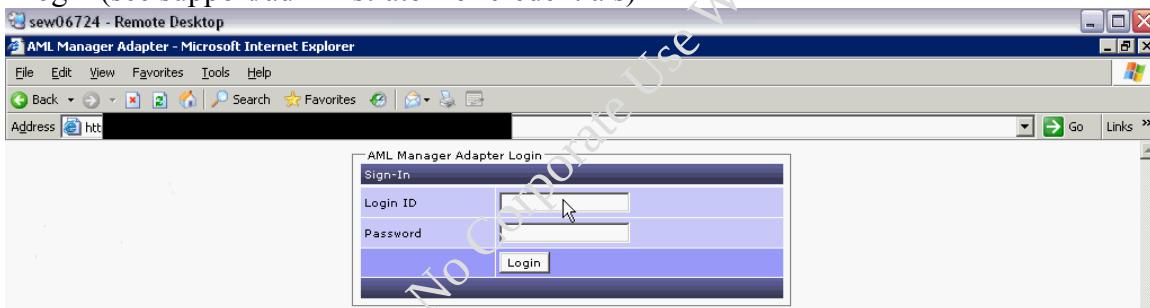


-Enter in the appropriate login credentials, then click 'ok'



-Open up the brower (internet explorer) and go to the appropriate address

-Login (see support/administrator for credentials)



(closer up)



-Once logged in, click on 'adapter manager connection'

-Click on 'add new aml manager connection' button

-Enter/update the appropriate fields, then click 'save'





(closer up)

Connection Name	<input type="text"/>
WS URL	<input type="text"/> Software.asmx
WS Target Namespace	<input type="text"/>
WS Operation Name	<input type="text"/>
WS User ID	<input type="text"/>
WS Password	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

-Click on 'test'

Saved AML Manager Connections			
ID	Connection Name	Connection	Delete
1	AML Manager Connection	<input type="button" value="Test"/>	<input type="button" value="Delete"/>

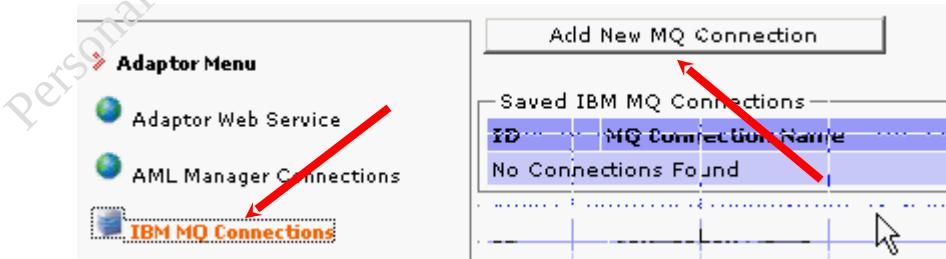
-A similar screen should be onscreen:

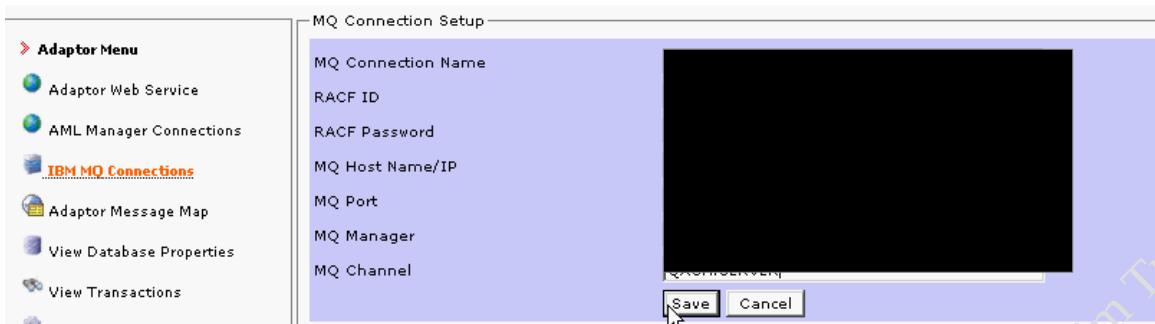
Saved AML Manager Connections			
<pre>SOAP Response: <?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"> <ns1:Response><ns1:Body><MatchACHMessageResponse></pre>			
ID	Connection Name	Connection	Delete
1	AML Manager Connection	<input type="button" value="Test"/>	<input type="button" value="Delete"/>

-Click 'ibm mq connections', click on 'add new mq connection'

-Enter/update appropriate fields

-Click 'save'





(closer up)



-Click on 'view queues'

Add New MQ Connection		
Saved IBM MQ Connections		
ID	MQ Connection Name	View Queues
1	PROD ASAP	View Queues

-Click on 'add new queues for mq connection [prod asap]'

Add New Queues For MQ Connection [PROD ASAP]					
Saved Queues for [PROD ASAP]					
ID	Queue pair Name	Listener Status	Start Listener	Connection	Delete
No Connections Found					

- Enter/update the appropriate fields
- Click on 'save'
- Repeat steps as necessary for more entries

MQ Queues Setup

Queue Pair Logical Name		
Input Queue Name		
Output Queue Name		
Release Queue Name		
No. of Consumer Threads		
AML Manager Connection		
WebService Definition		
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

(closer up)

MQ Queues Setup

Queue Pair Logical Name		
Input Queue Name		
Output Queue Name		
Release Queue Name		
No. of Consumer Threads		
AML Manager Connection		
WebService Definition		
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

MQ Queues Setup

Queue Pair Logical Name		
Input Queue Name		
Output Queue Name		
Release Queue Name		
No. of Consumer Threads		
AML Manager Connection		
WebService Definition		
<input type="button" value="Save"/> <input type="button" value="Cancel"/>		

- Click on 'test'
- Verify the status messages
- Repeat for other entries

Add New Queues for MQ Connection [PROD ASAP]

Saved Queues for [PROD ASAP]

ID	Queue pair Name	Listener Status	Start Listener	Connection	Delete
1	PROD ASAP		<input type="button" value="Start Listener"/>	<input type="button" value="Test"/>	<input type="button" value="Delete"/>
2	PROD RESCAN		<input type="button" value="Start Listener"/>	<input type="button" value="Test"/>	<input type="button" value="Delete"/>

Add New Queues for MQ Connection [PROD ASAP]					
- Saved Queues for [PROD ASAP] -					
MQ Connection Test Failed for [QACH,SCAN,TO,DUMMY], MQJMS2008: failed to open MQ queue QACH,SCAN,TO,DUMMY					
MQ Connection Test Successful for [QACH,OFAC,TO,SCAN,REPLY]					
MQ Connection Test Successful for [QACH,SCAN,TO,OFAC,REQUEST]					
ID	Queue pair Name	Listener Status	Start Listener	Connection	Delete
1	PROD ASAP		<input type="button" value="Start Listener"/>	<input type="button" value="Test"/>	<input type="button" value="Delete"/>
2	PROD RESCAN		<input type="button" value="Start Listener"/>	<input type="button" value="Test"/>	<input type="button" value="Delete"/>

- Click on ‘adaptor message map’, click on ‘add new message map’
- Enter/update the appropriate field, click ‘save’

The screenshot shows the 'Adaptor Menu' with several options: Adaptor Web Service, AML Manager Connections, IBM MQ Connections, and Adaptor Message Map. The 'Adaptor Message Map' option is highlighted with a red arrow.

Add New Message Map

ID	Message Map Name
No Message Maps Found	

The screenshot shows the 'Message Map Setup' dialog box. It has a 'Message Map Name' input field containing 'Message Map 003 Multiparty Message'. Below it are 'Save' and 'Cancel' buttons. A red arrow points from the 'Message Map Name' field to the 'Save' button.

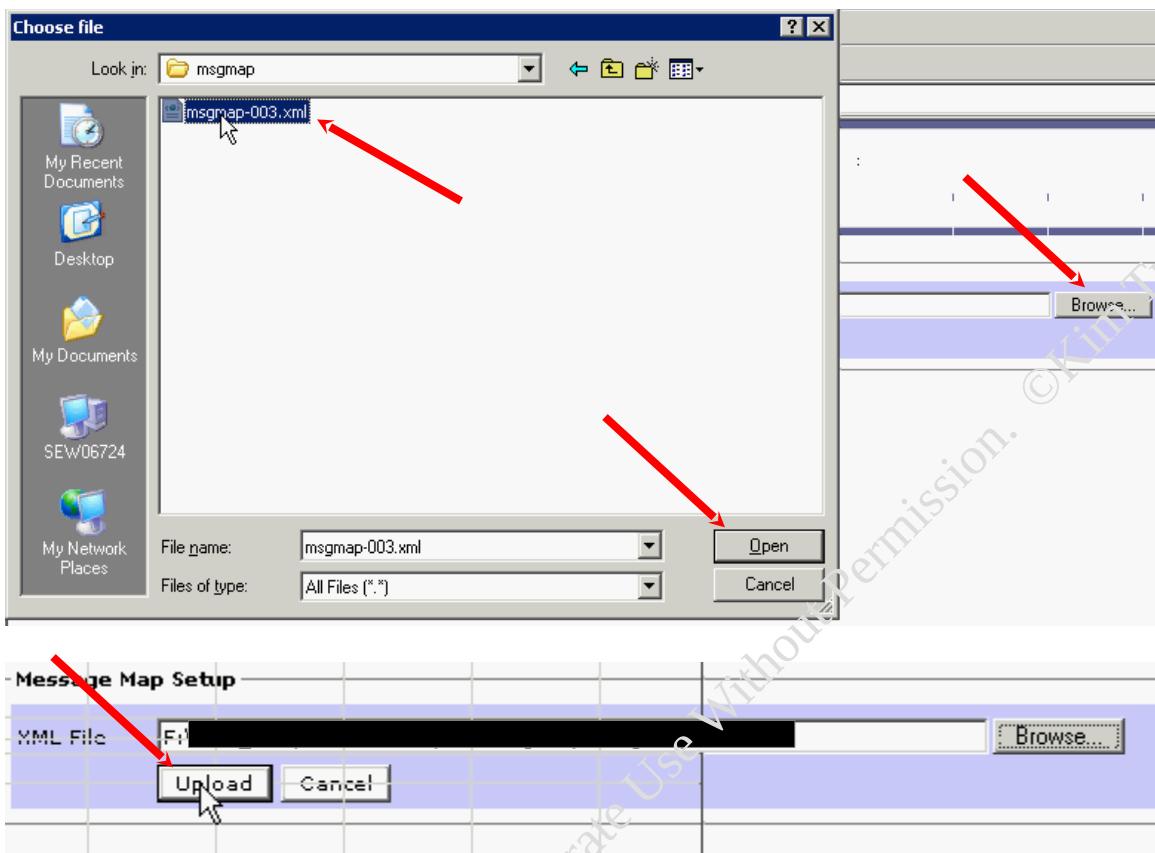
- Click on ‘upload details’
- Click on ‘browse’

-Navigate to the appropriate directory, click on the file, in this example:

msgmap-003.xml

- Click ‘open’, click on ‘upload’

The screenshot shows the 'Saved Message Maps' table. It has columns: ID, Message Map Name, Version, Add Details, and Delete. The first row contains '1', 'Message Map 003 Multiparty Message', and an empty 'Version' field. The 'Add Details' button in the 'Add Details' column is highlighted with a red arrow.



-Click ‘adaptor scheduler’, then click on action buttons for the appropriate action/status

ID	Job Name	Cron Expression	Last Run Start	Last Run Finish	Run Status	Action
1	AdaptorRefreshJob	0 0/1 * * * ?	2009-09-09 11:06:00.037	2009-09-09 11:06:00.053		<input type="button" value="Pause"/>
2	TransactionPurgeJob	0 0 00 * * ?				<input type="button" value="Pause"/>
3	StopTransactionsPurgeJob	0 0 00 * * ?				<input type="button" value="Pause"/>
4	RetryErrorTransactionJob	0 0/1 * * * ?	2009-09-09 11:06:00.037	2009-09-09 11:06:00.053		<input type="button" value="Resume"/>

-Click on ‘ibm mq connections’

-Verify the ‘listener status’, click on the button to set the status to ‘checked’ if it is ‘x’ed

Add New Queues for MQ Connection [PROD ASAP]

Saved Queues for [PROD ASAP]

MQ Connection Test Failed for [QACH,SCAN,TO,DUMMY], MQJMS2008: failed to open MQ queue QACH,SCAN,TO,DUMMY
MQ Connection Test Successful for [QACH,OFAC,TO,SCAN,REPLY]
MQ Connection Test Successful for [QACH,SCAN,TO,OFAC,REQUEST]

ID	Queue pair Name	Listener Status	Start Listener	Connection	Delete
1	PROD ASAP	✓	Stop Listener	[Test]	[Delete]
2	PROD RESCAN	✓	Stop Listener	[Test]	[Delete]

-When done, ‘sign out’ and close all windows/applications

fiserv. AML Manager Adaptor

[User Administrator]

Manager Users | Help | Sign-Out

FRS-Frontier Guide (various guides consolidated)

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Last updated: 5/13/2010

Version	By	Notes/Comments
1.0	Kim Tran	Creation of frs-frontier guide – consolidation of the guides...contents/screenshots taken from the videos created by Lewis Lebron

Before Beginning:

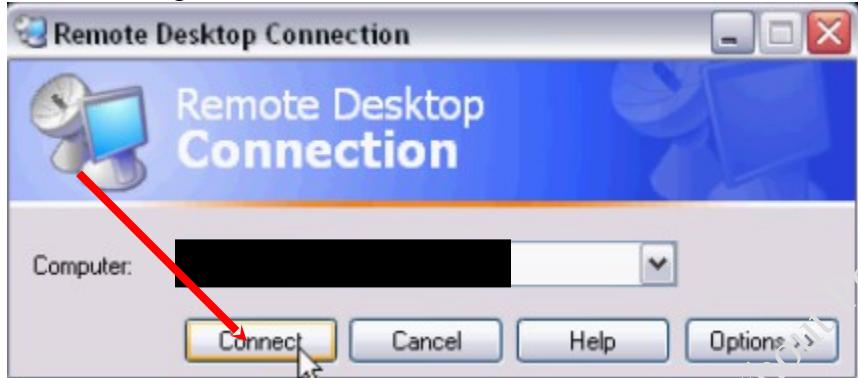
It's advised that you get all relevant/correct information for the fields from support or your systems/network administrator

Note: Size of the arrows (in same screenshot) are in sequential steps from large to small
1.2.3.4

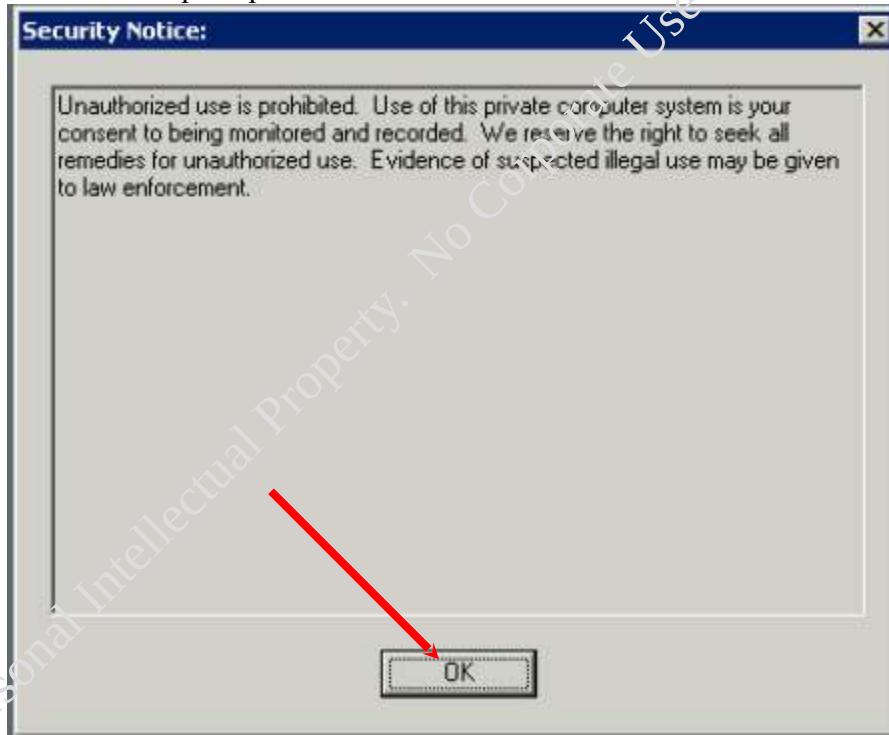


FRS-Frontier – 01 – java install and environment variables configuration

- You may need to remote desktop into the appropriate server:
-In this example: sew07410



- Click 'ok' if prompted

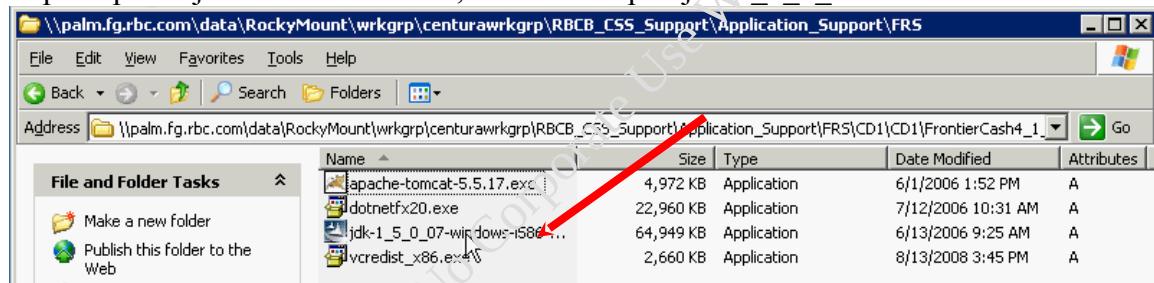


-Enter credentials to log in

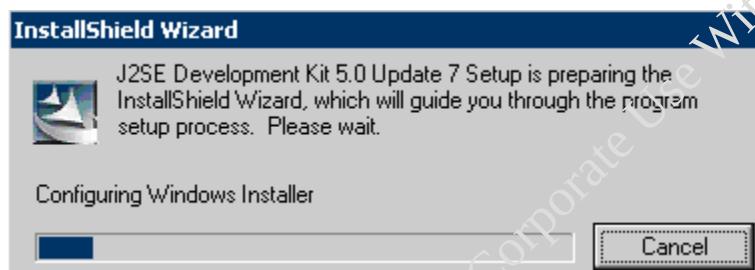
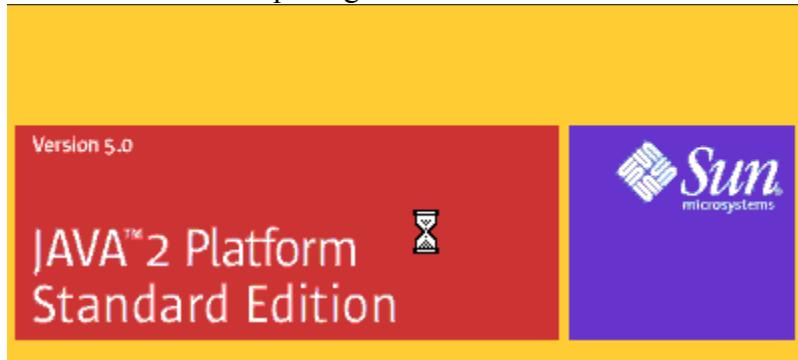


-Open up the appropriate directory

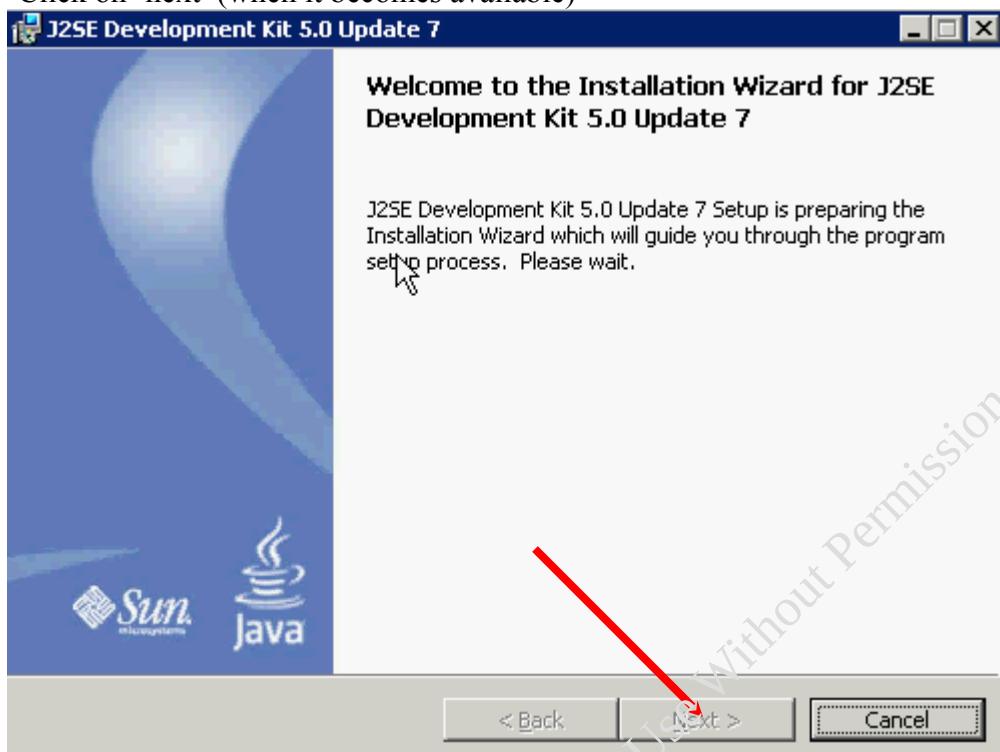
-Open up the 'java' installation file, in this example: jdk-1_5_0_07-windows-i586



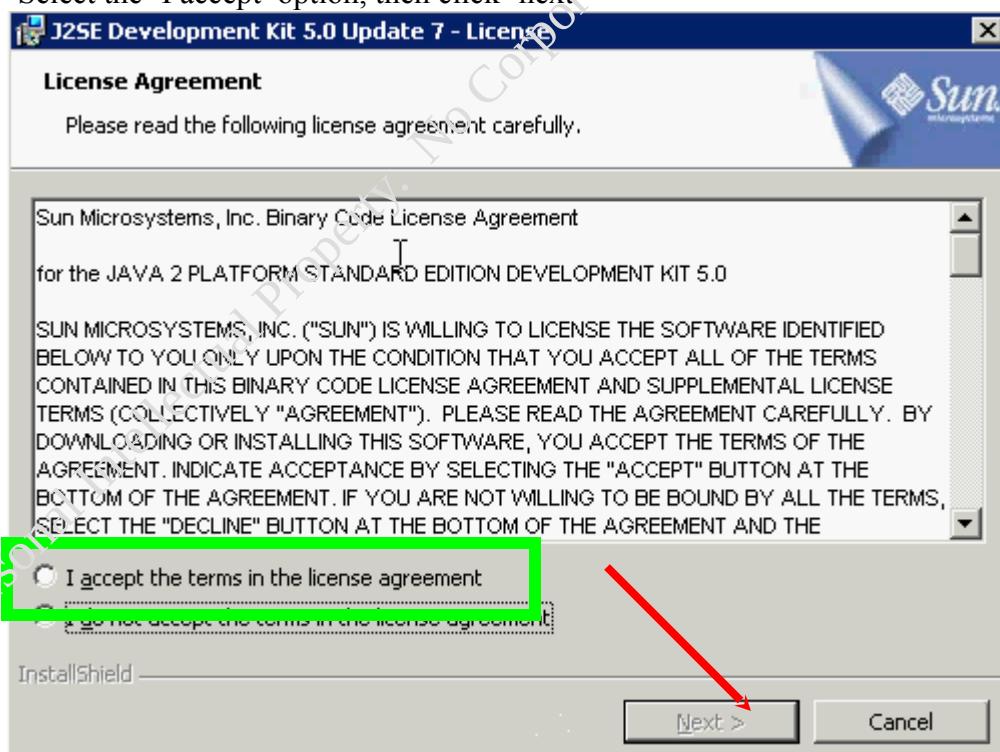
-The file should be opening the install shield wizard



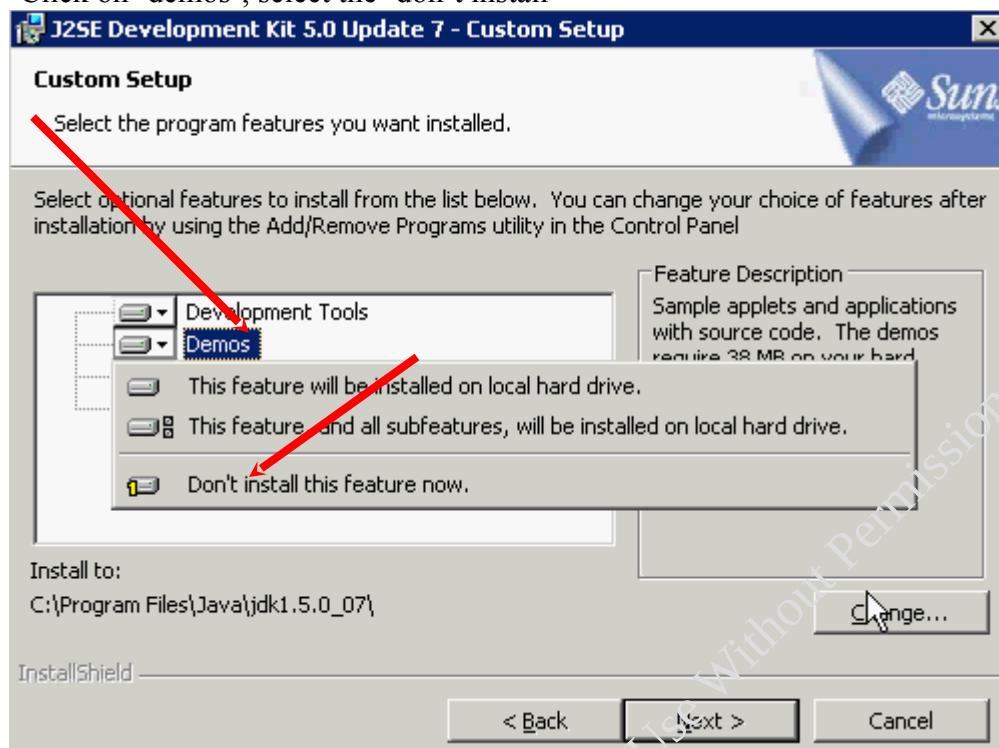
-Click on 'next' (when it becomes available)



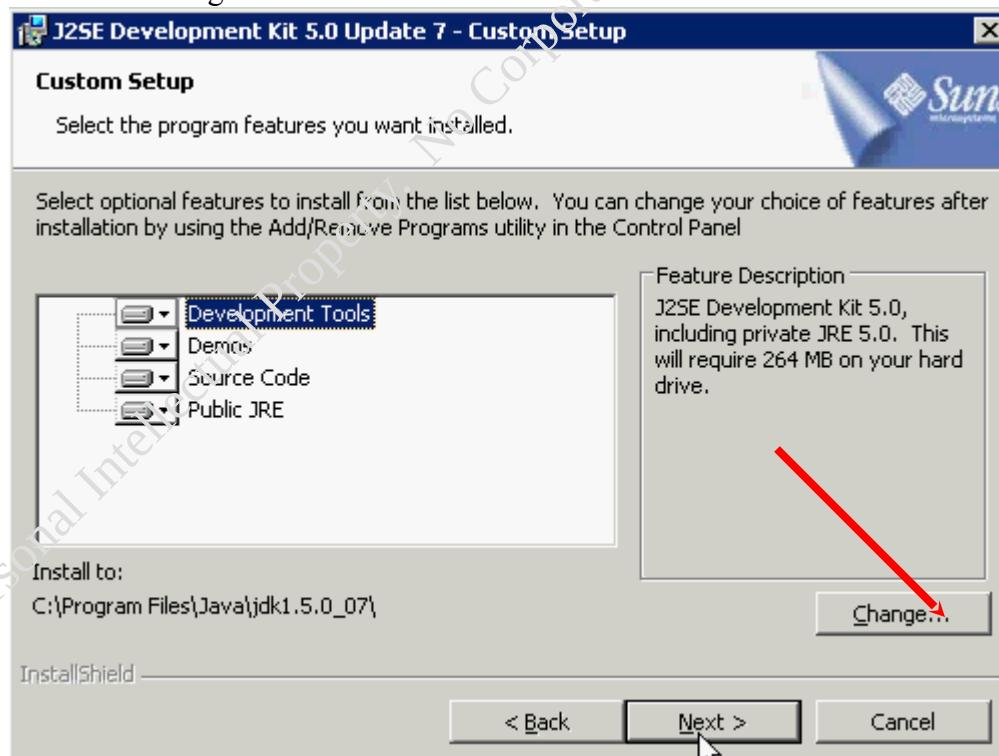
-Select the 'I accept' option, then click 'next'



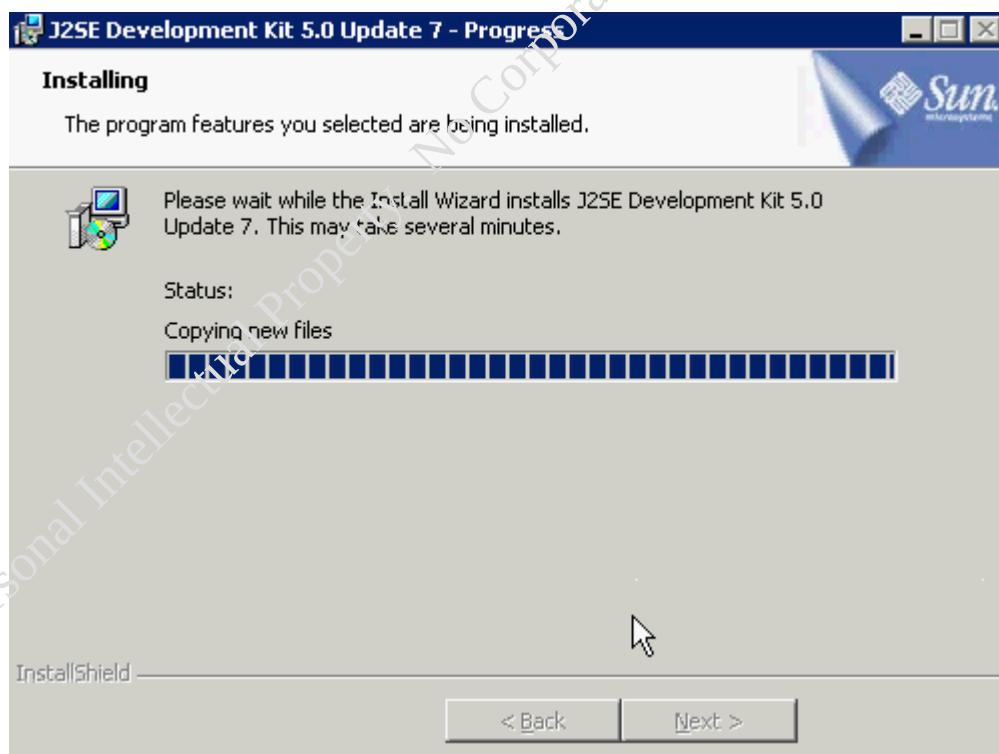
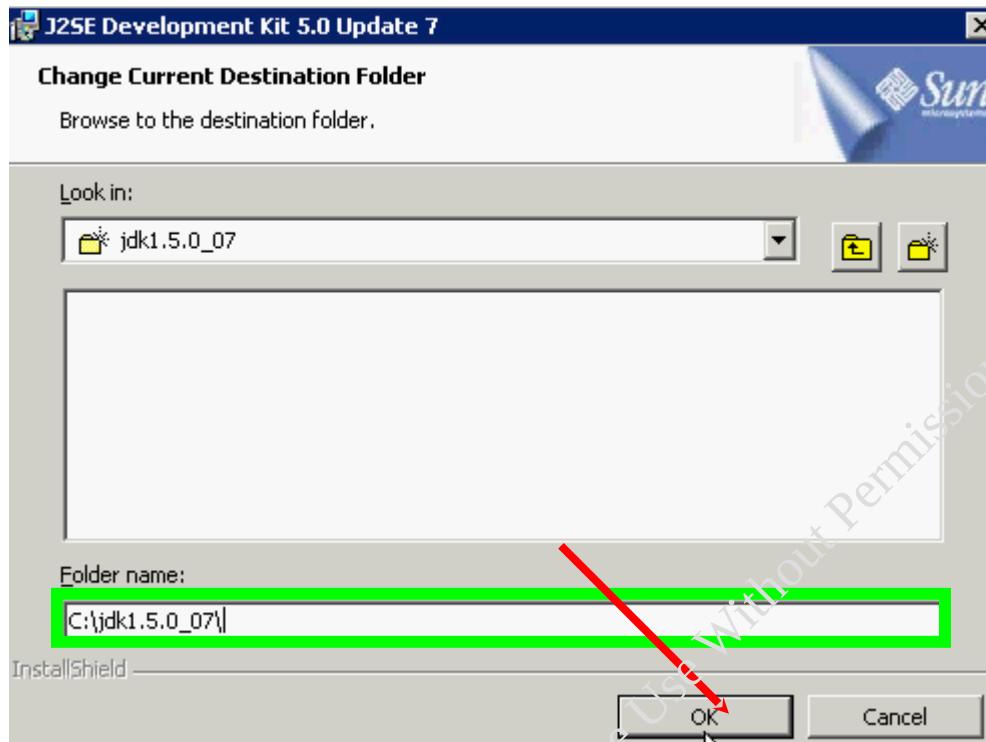
-Click on ‘demos’, select the ‘don’t install’



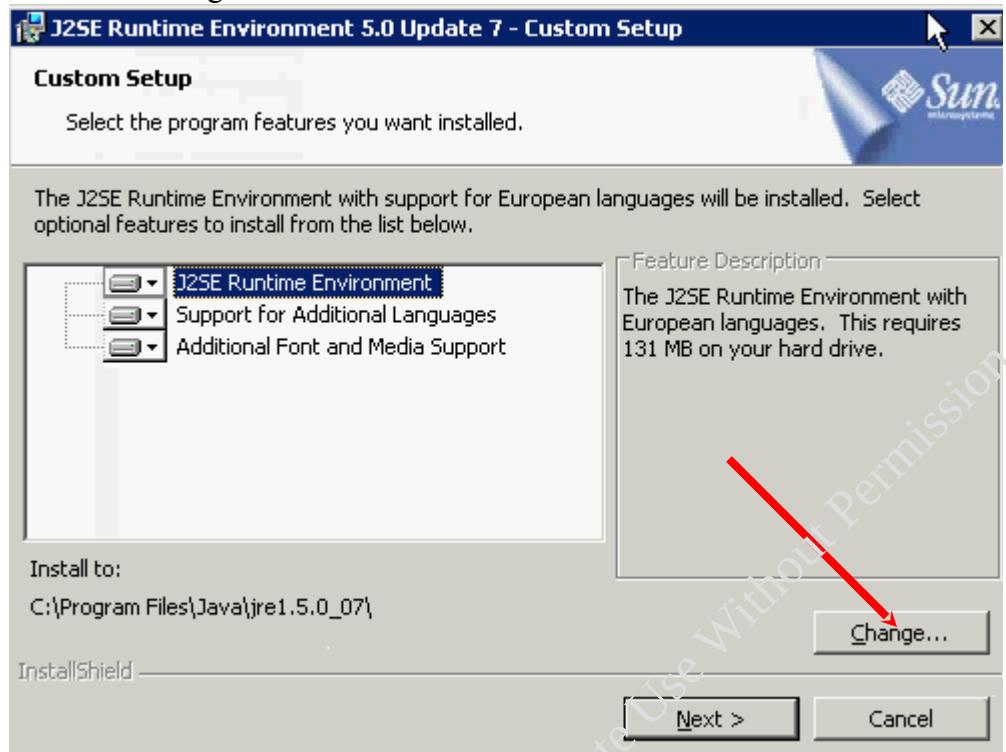
-Click on ‘change’



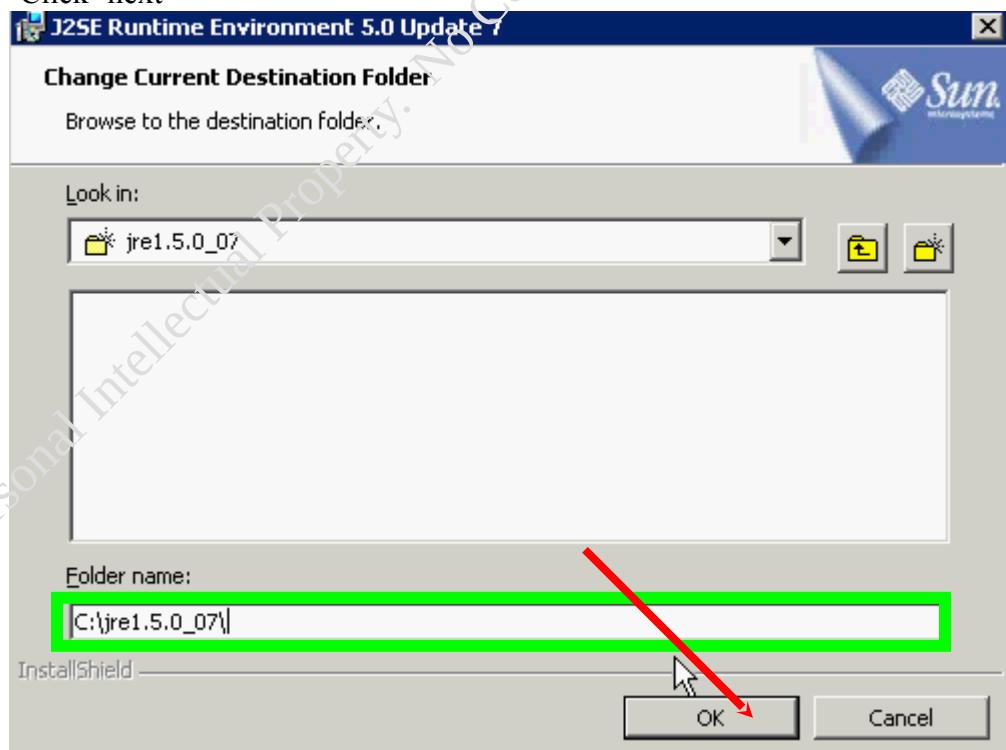
- Edit the folder name, following the example: 'c:\jdk1.5.0_07\', click 'ok'
- Click 'next'



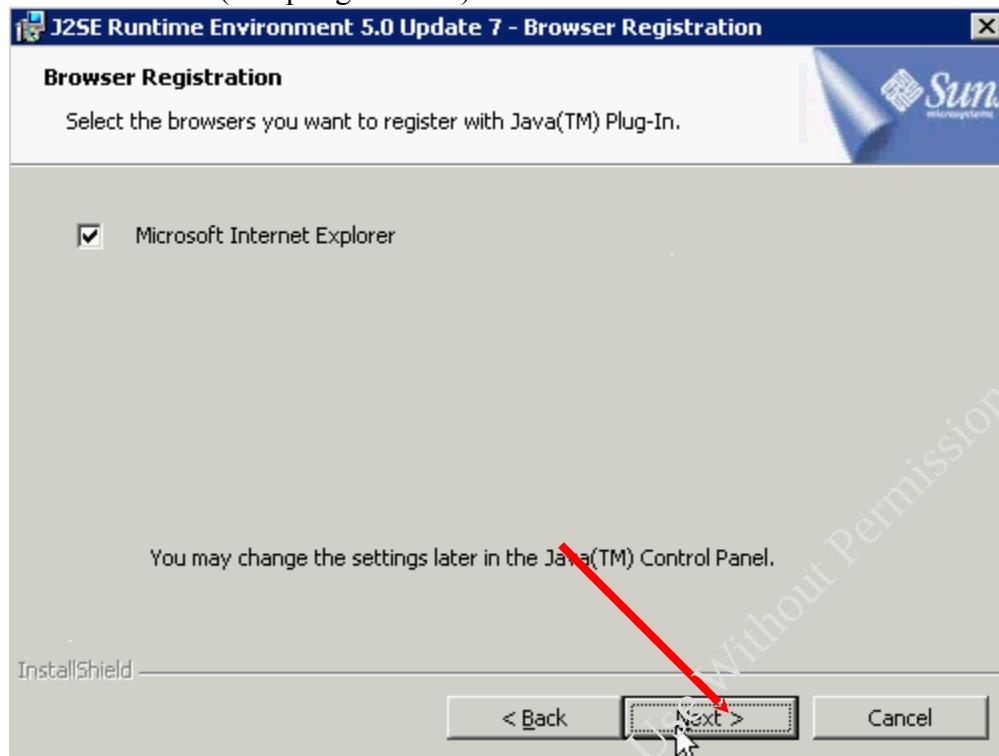
- Another window may/will pop up...
- Click on ‘change’



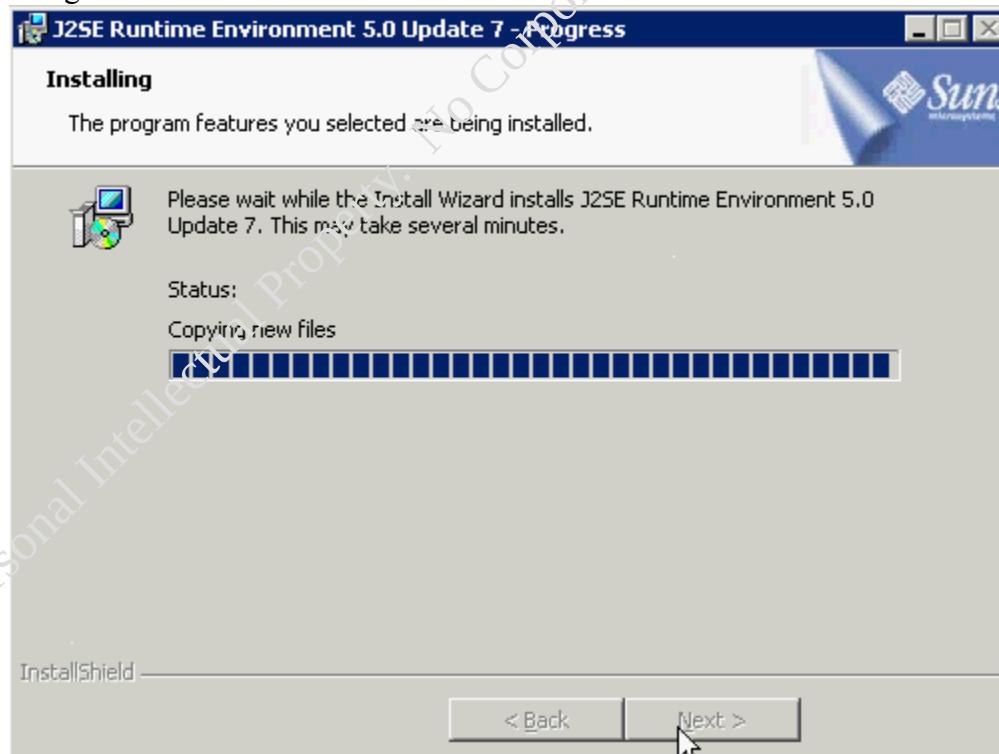
- Edit the folder name, following the example: ‘c:\jdk1.5.0_07\’, click ‘ok’
- Click ‘next’



-Click on 'next' (accepting defaults)



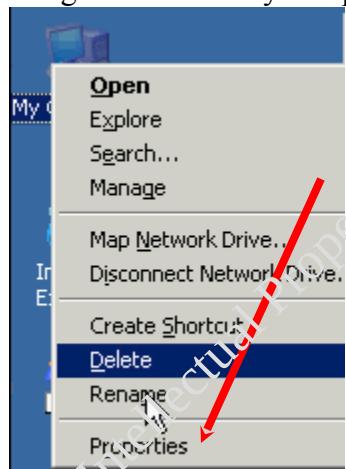
-Program will continue to install



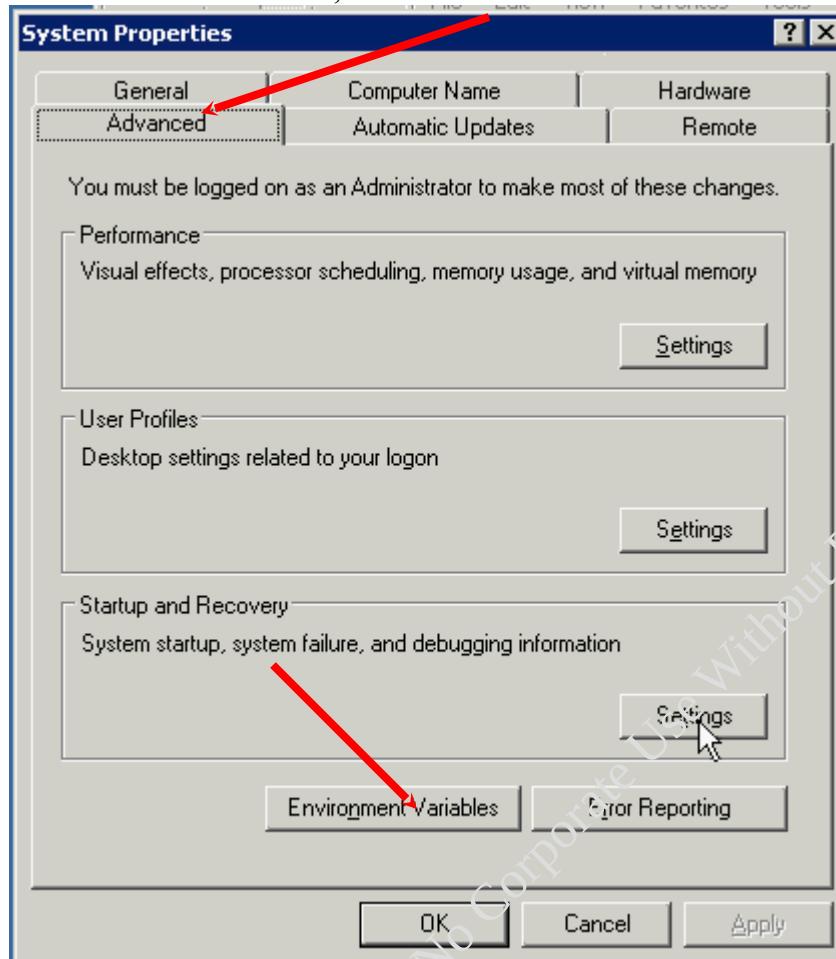
-Click ‘finish’



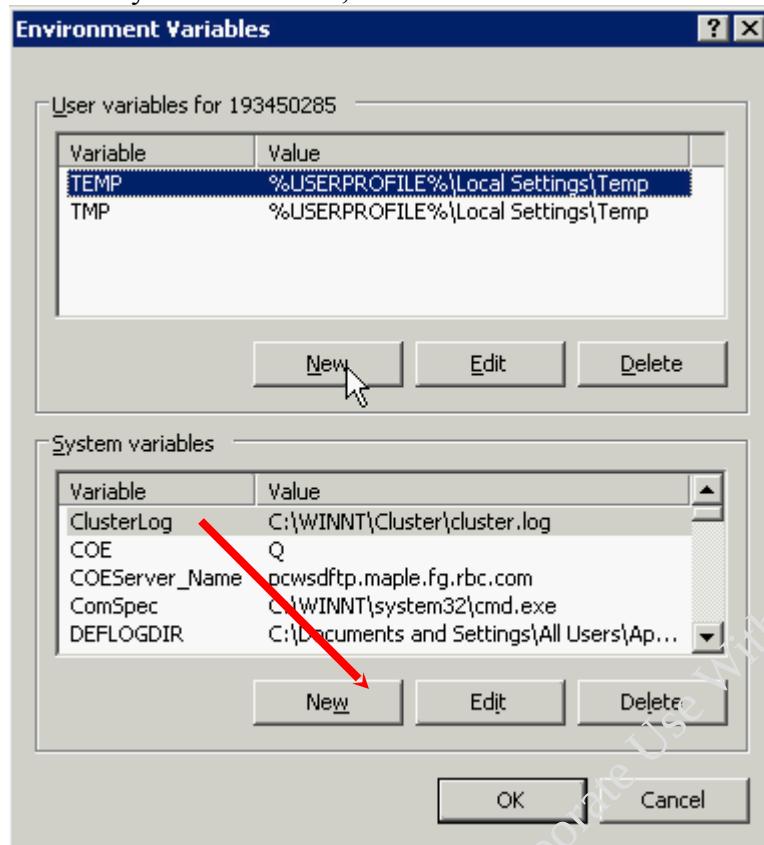
-‘Right click’ on ‘my computer’, then go to ‘properties’



-Go to the ‘advanced’ tab, then ‘environment variables’



-Under 'system variables', click on 'new'

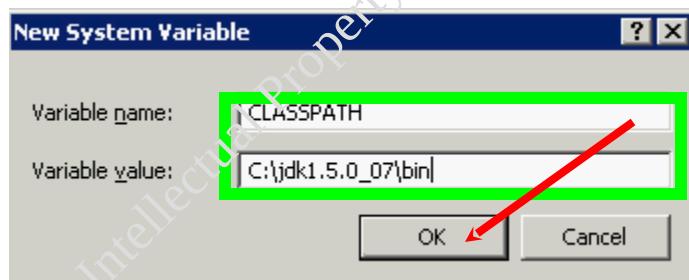
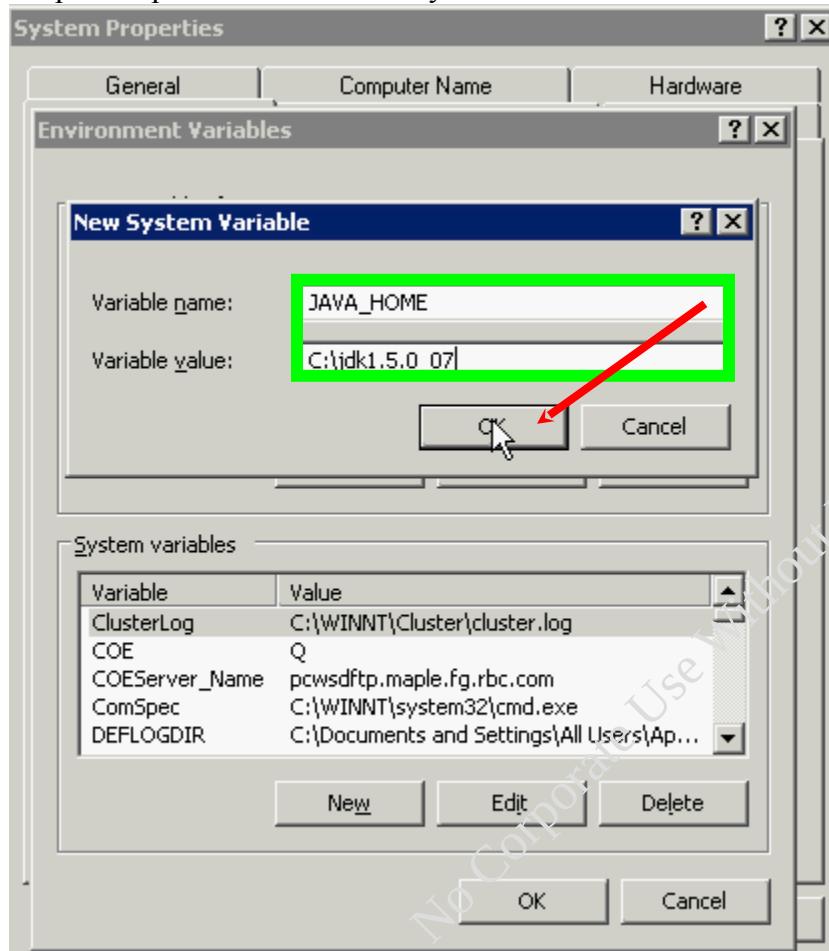


-- You may want to get the directory of the java installation and copy/paste it...



-Enter/update the appropriate fields, then click 'ok'

-Repeat steps to add another entry



-When done, close all application/windows, and log off

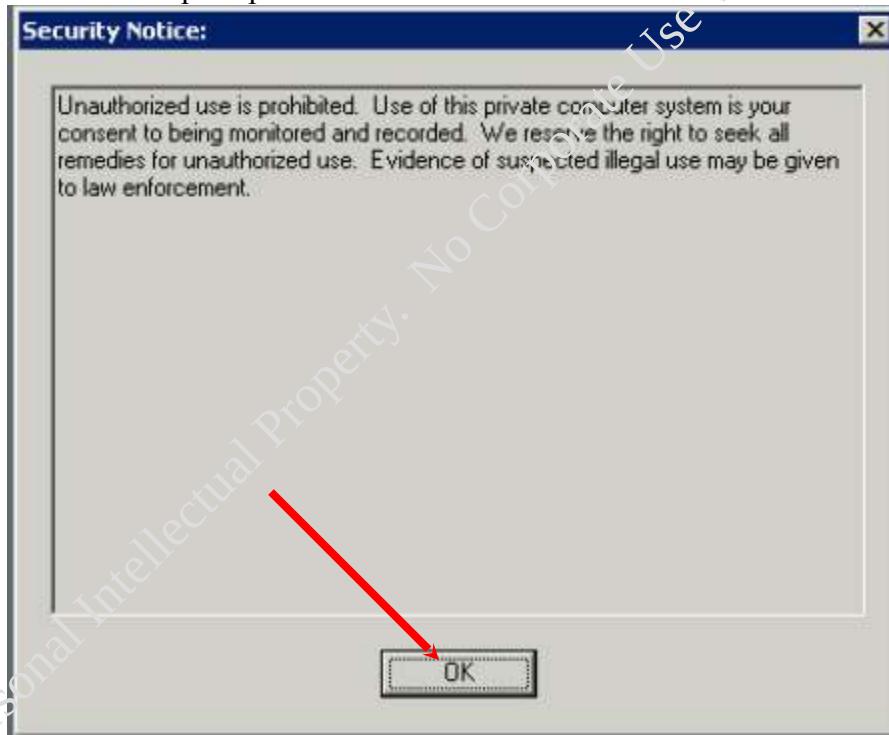
FRS-Frontier – 02 – installing apache tomcat

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

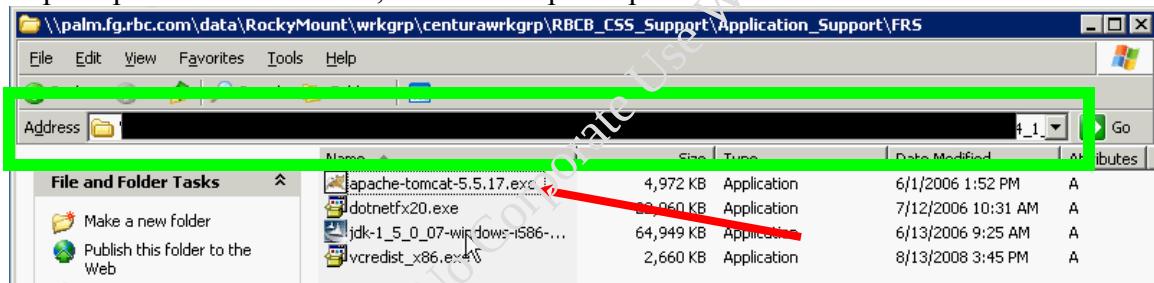


-Enter credentials to log in

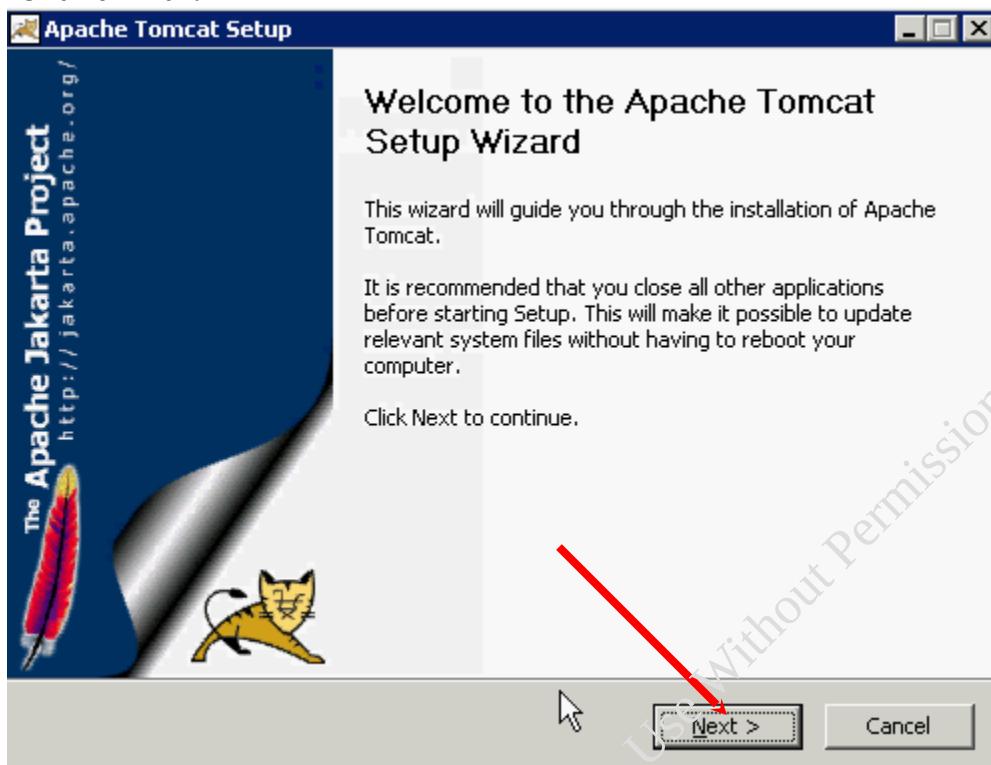


-Open up the appropriate directory

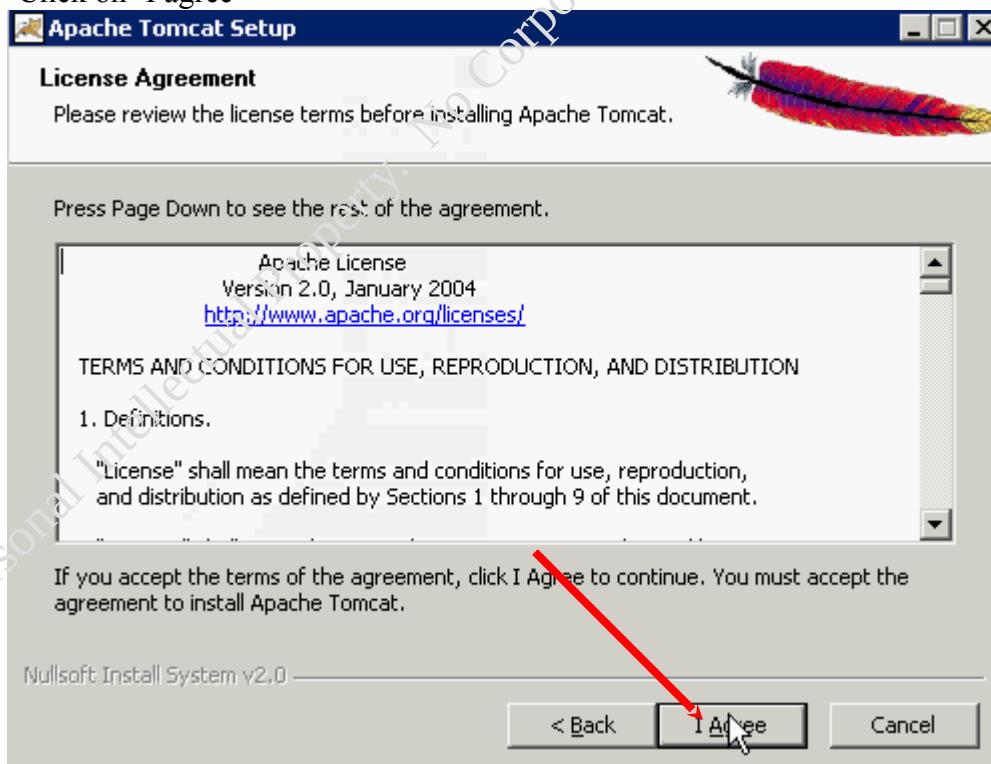
-Open up the installation file, in this example: 'apache-tomcat-5.5.17.exe'



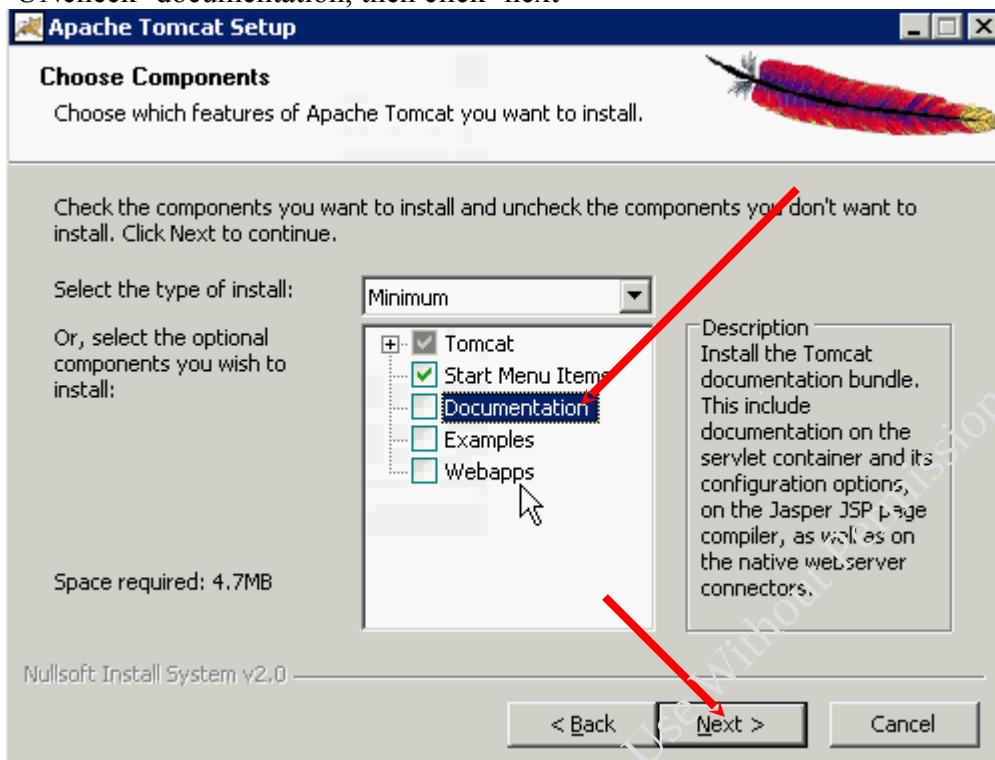
-Click on 'next'



-Click on 'I agree'

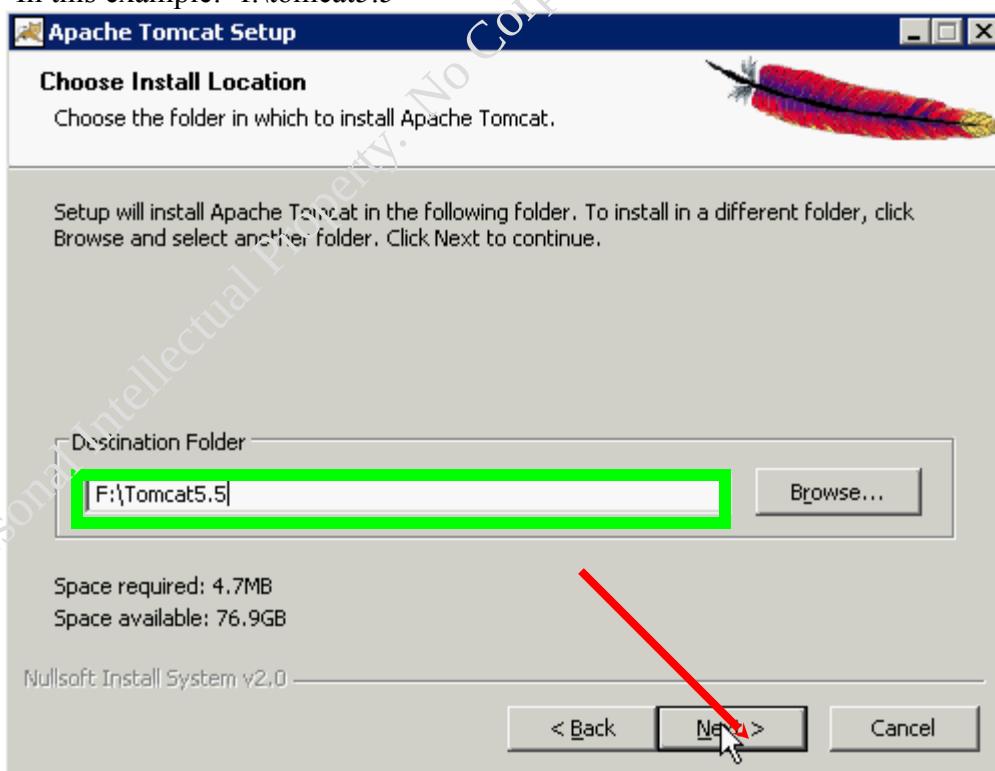


-UNcheck ‘documentation, then click ‘next’

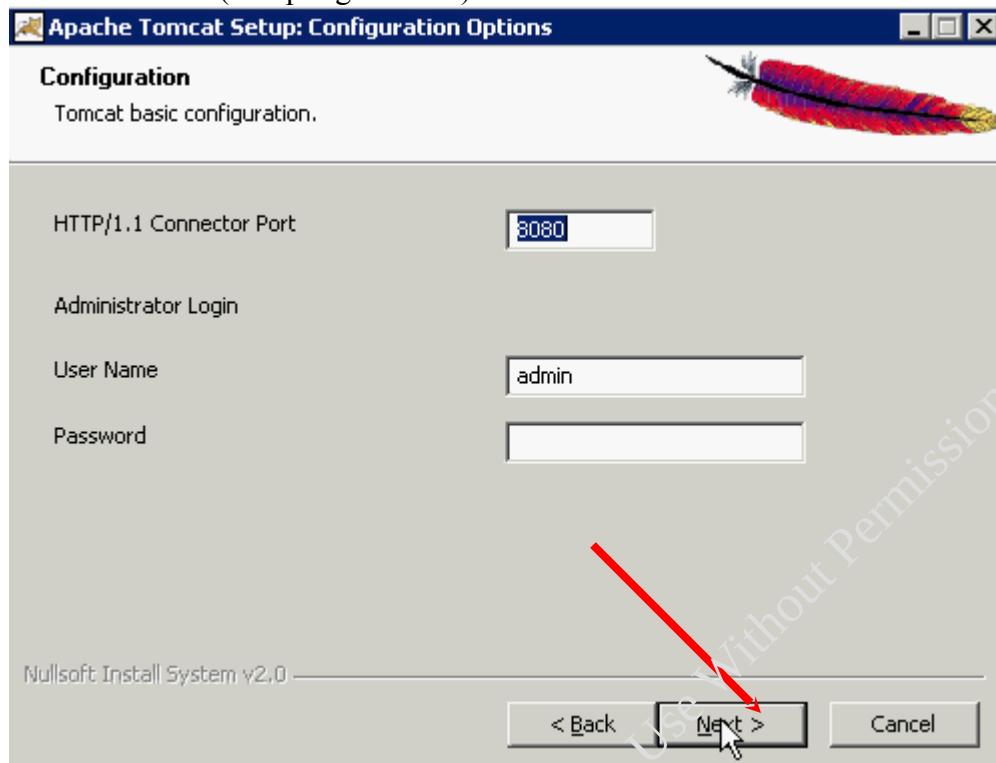


-Edit the ‘destination folder field

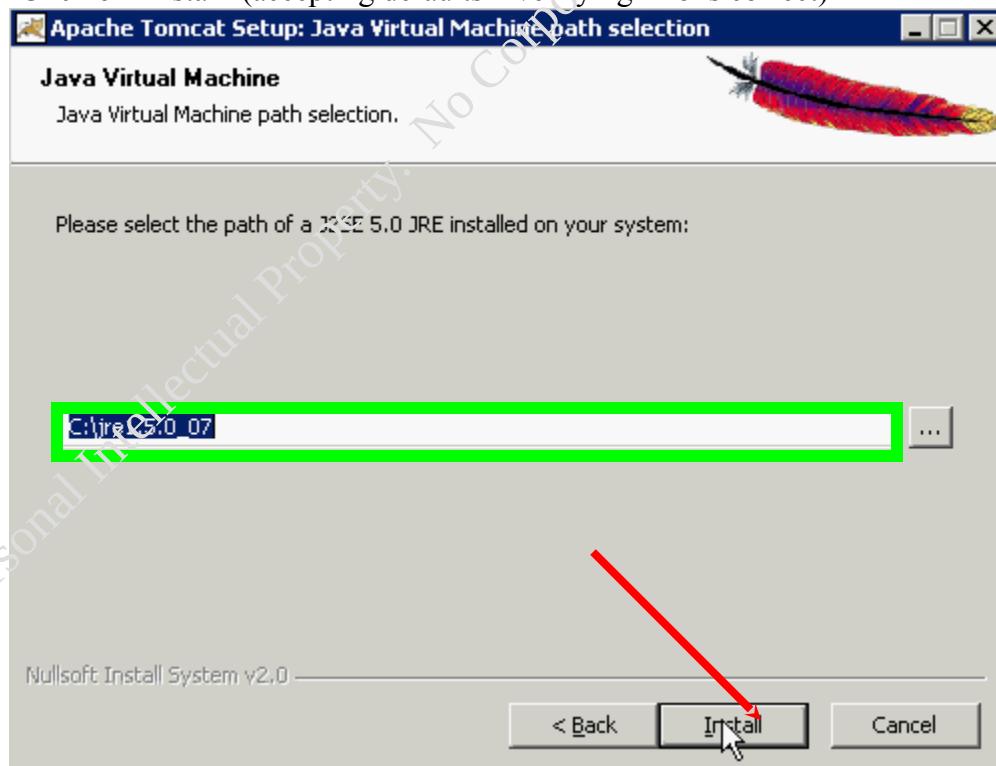
-In this example: ‘f:\tomcat5.5’



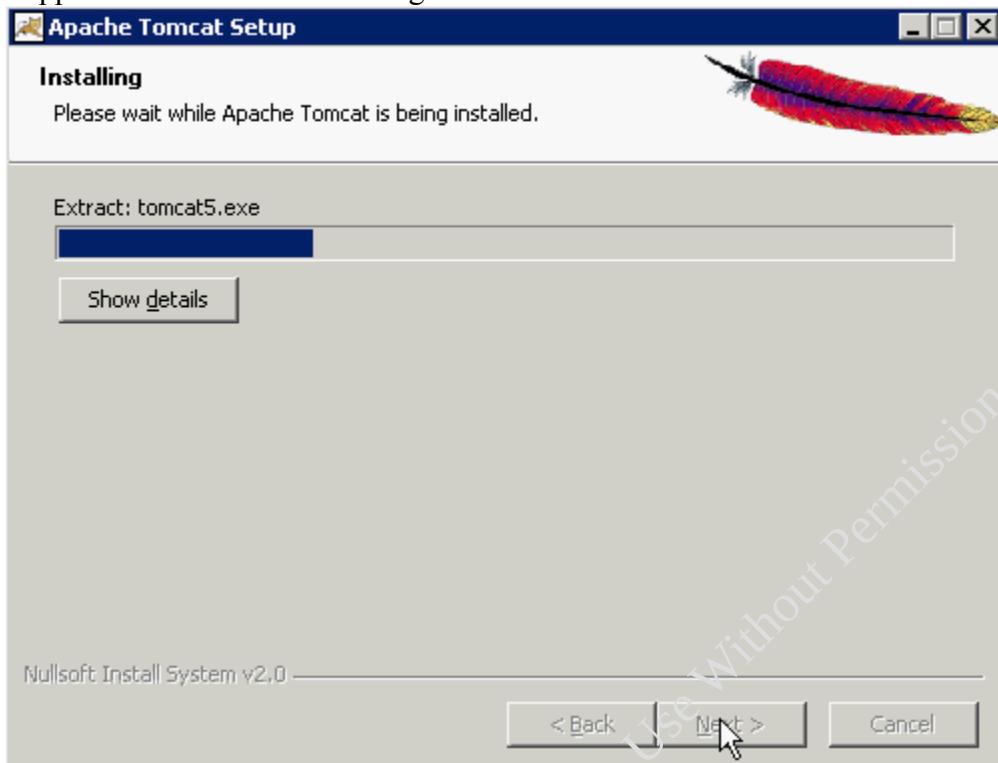
-Click on ‘next’ (accepting defaults)



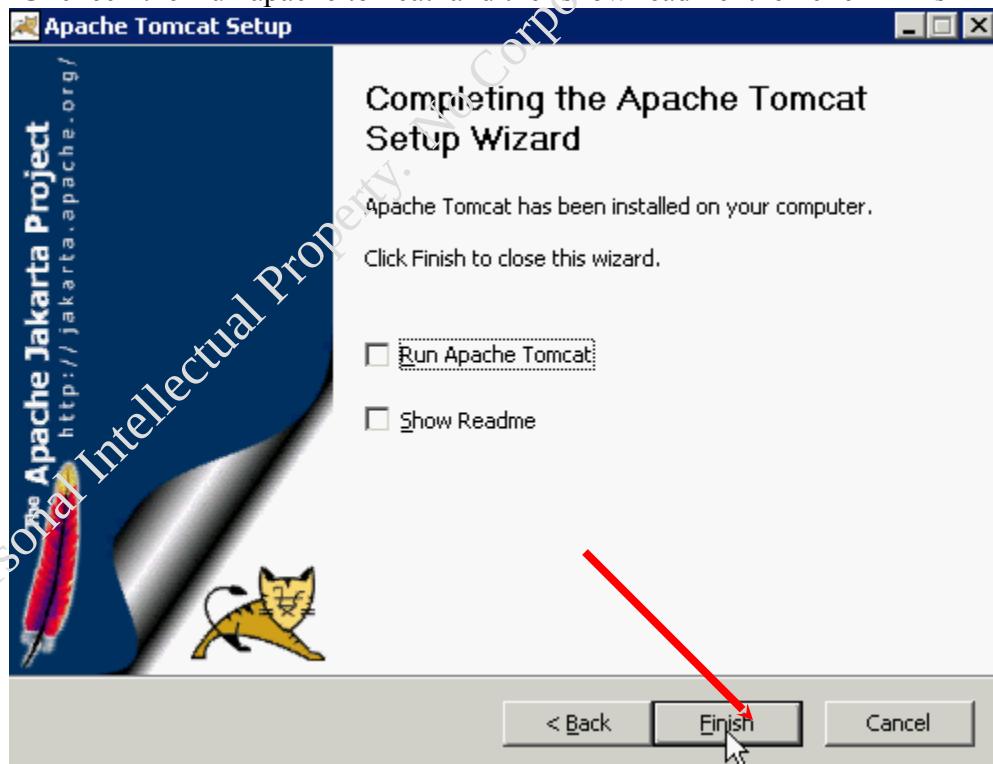
-Click on ‘install’ (accepting defaults – verifying info is correct)



-Application should be installing



-Uncheck the 'run apache tomcat' and the 'show readme' then click 'finish'

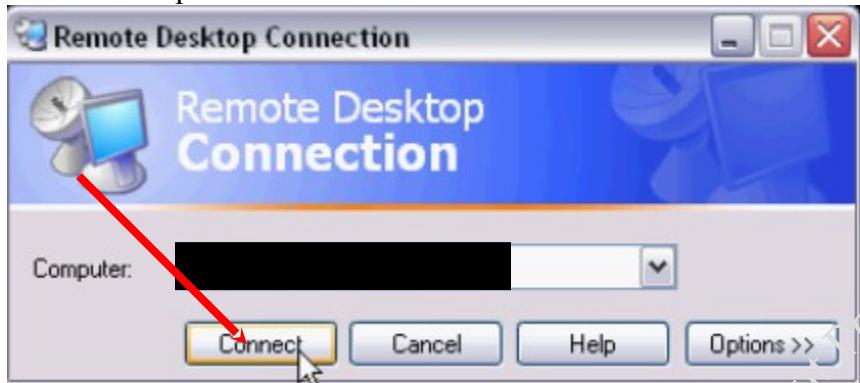


-When done, close applications/windows and log off

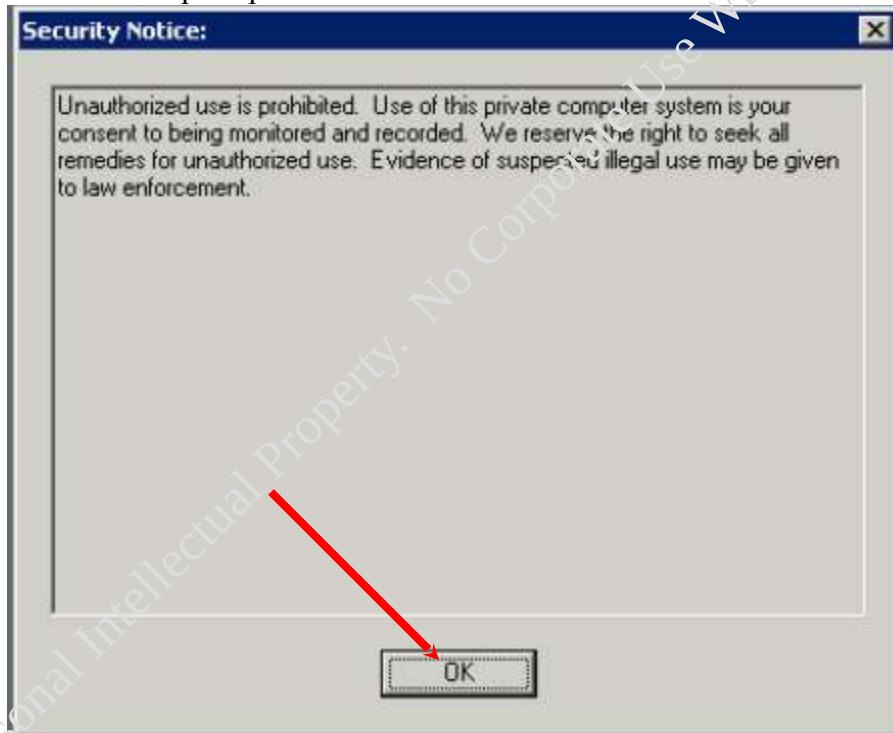
FRS-Frontier – 03 – installing checkfree frontier

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

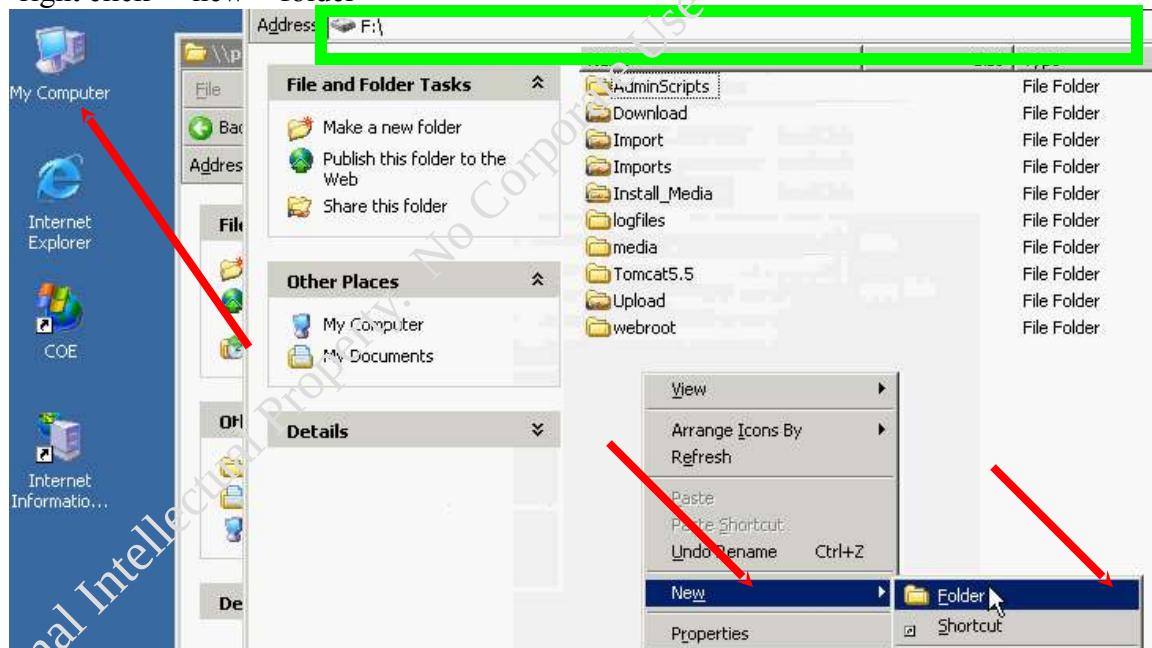


-Enter credentials to log in

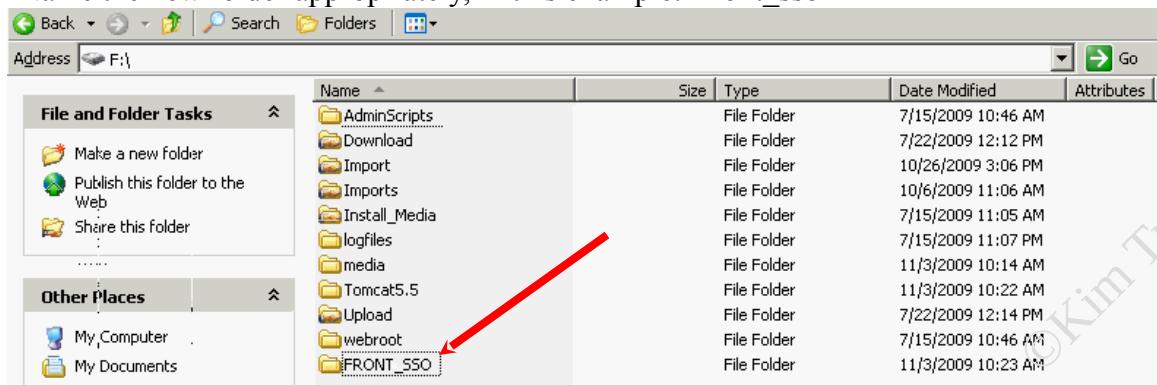


-Open up 'my computer', go to the 'f' drive, create a new folder

-In the 'f' drive, in the right side window – in the white space –
‘right click’ > new > folder



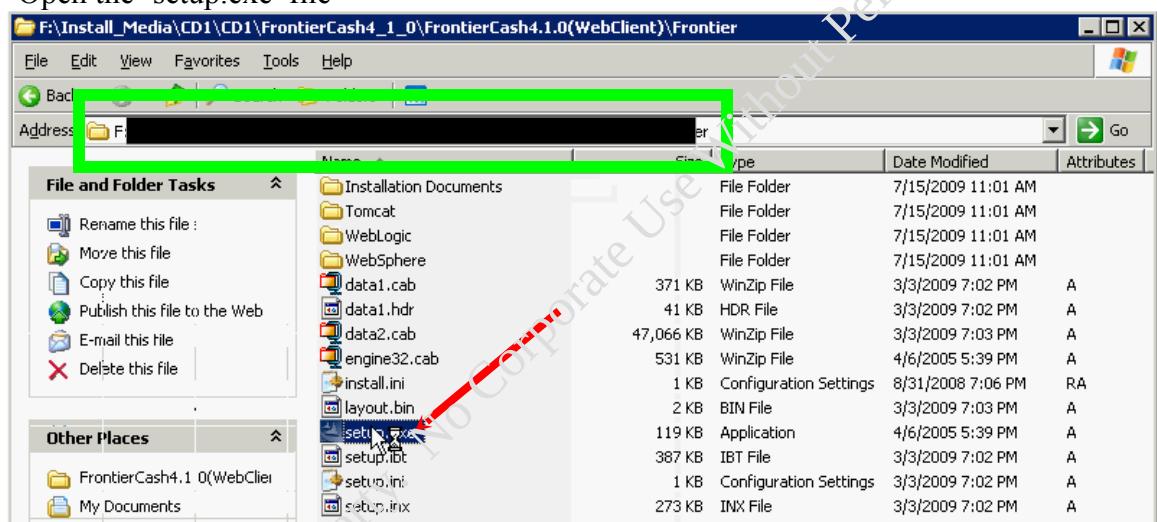
-Name the new folder appropriately, in this example: 'front_sso'



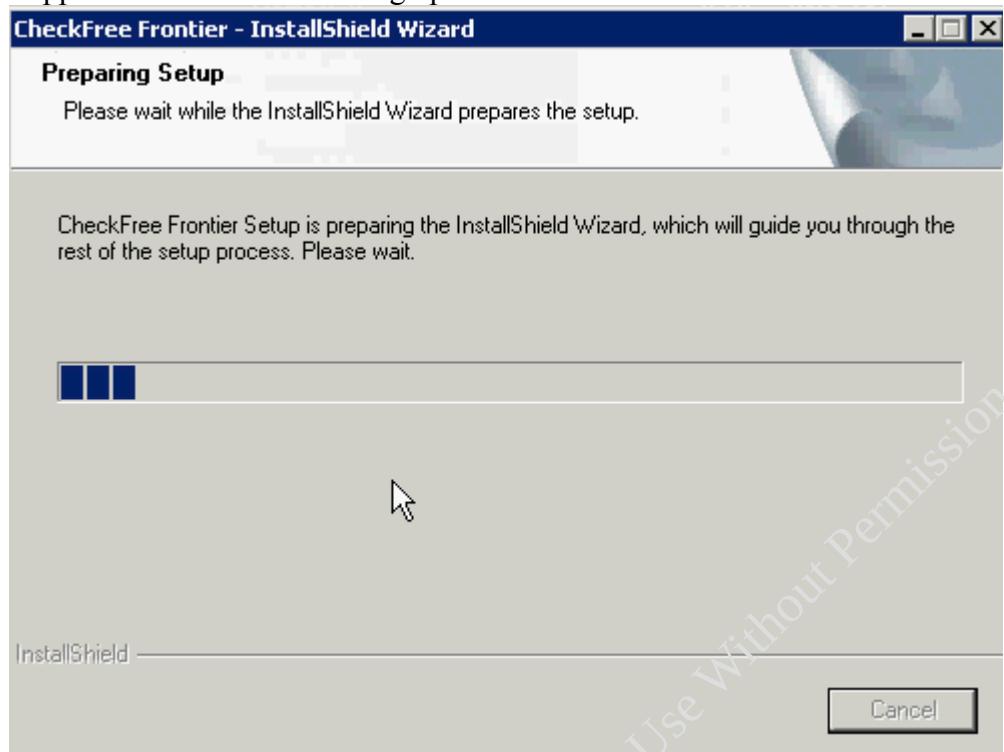
-Navigate to the appropriate directory, in this example:

f:\install_media\cd1\cd1\frontiercash4_1_0\frontiercash4.1.0(webclient)\frontier

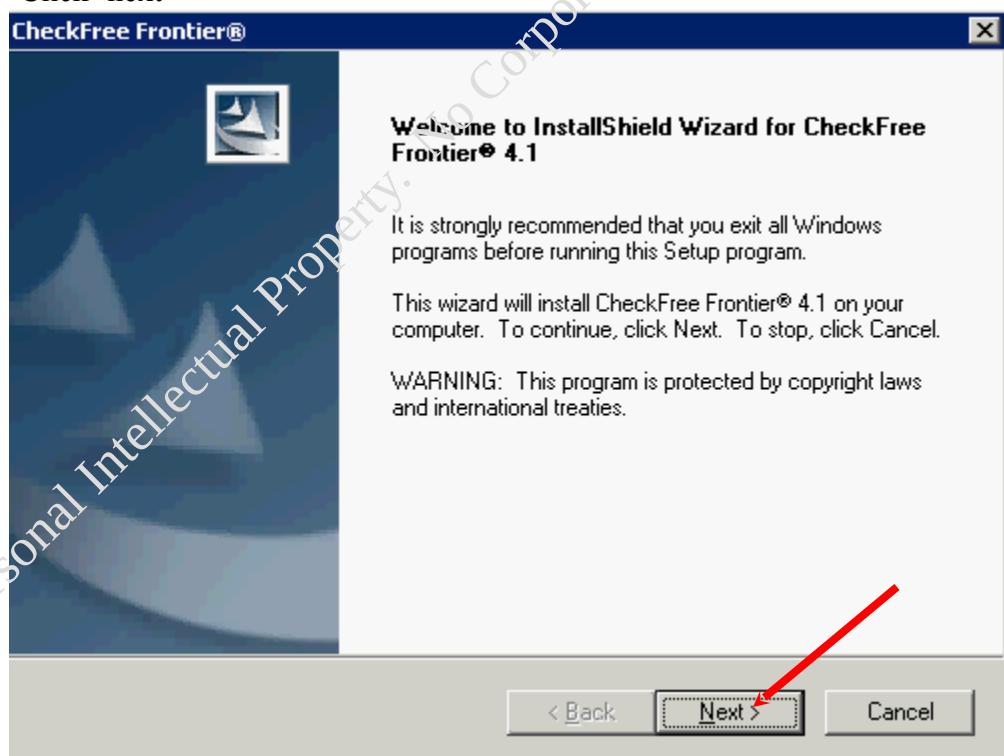
-Open the 'setup.exe' file



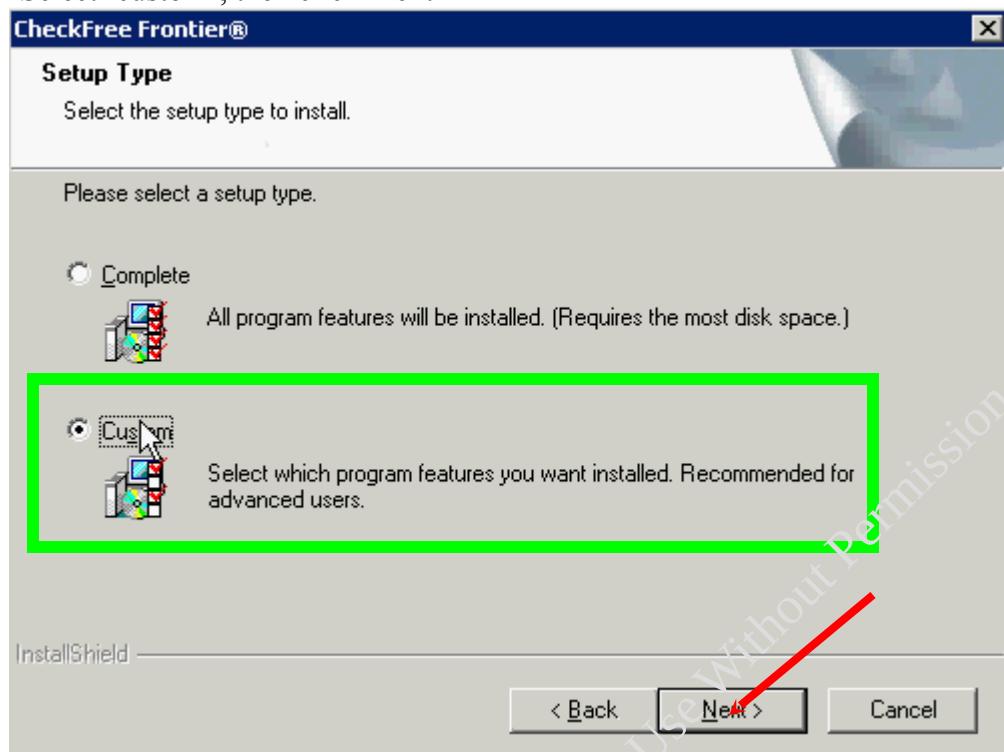
-Application should be starting up



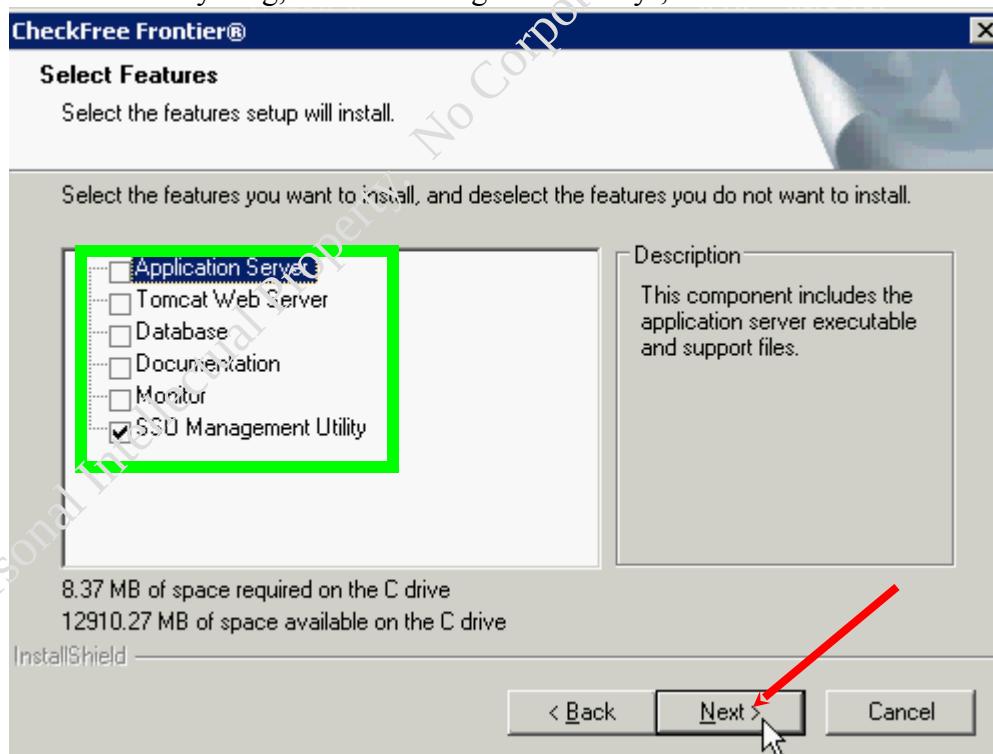
-Click 'next'



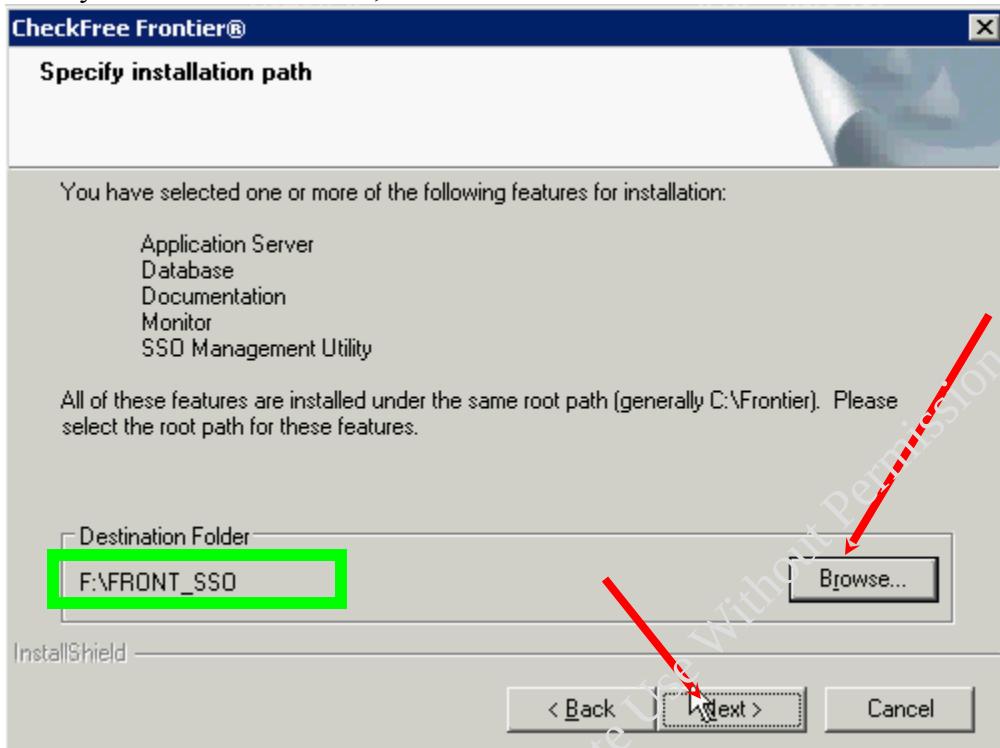
-Select 'custom', then click 'next'



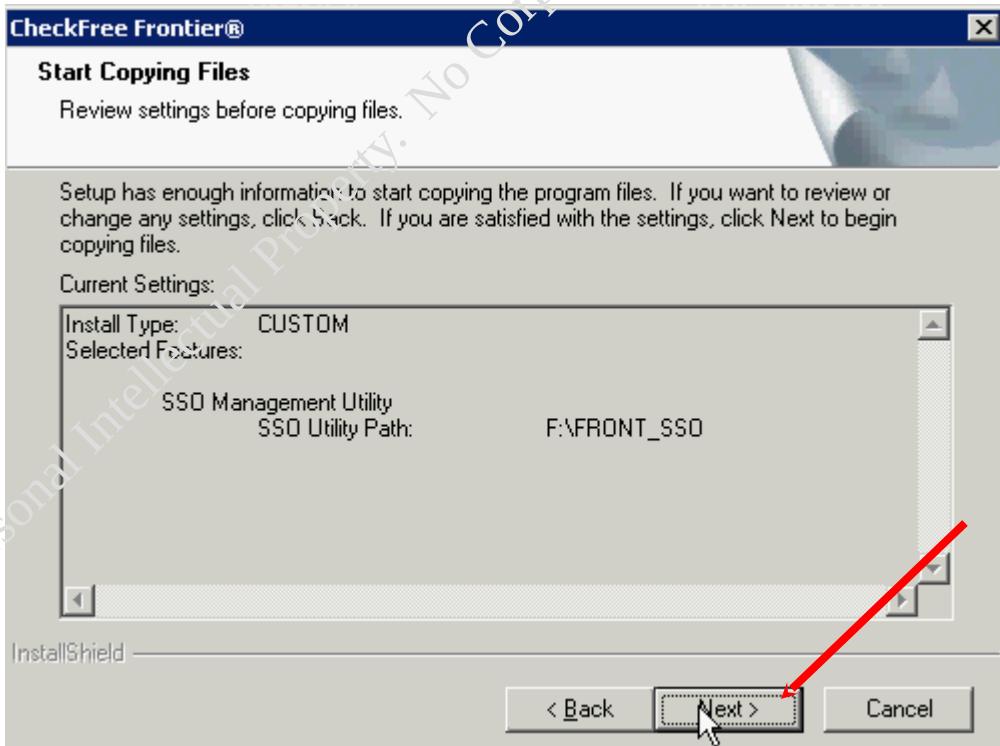
-Uncheck everything, but 'sso management utility', then click 'next'



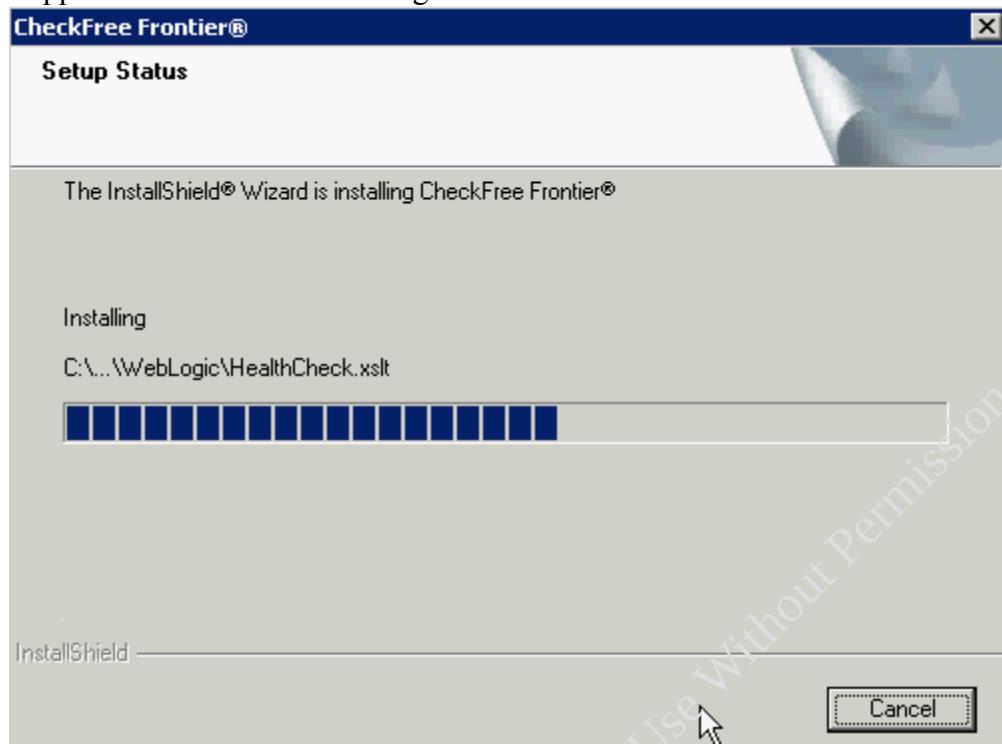
- Click on ‘browse’, navigate to the ‘f:\front_sso’ directory
- Verify the destination folder, then click ‘next’



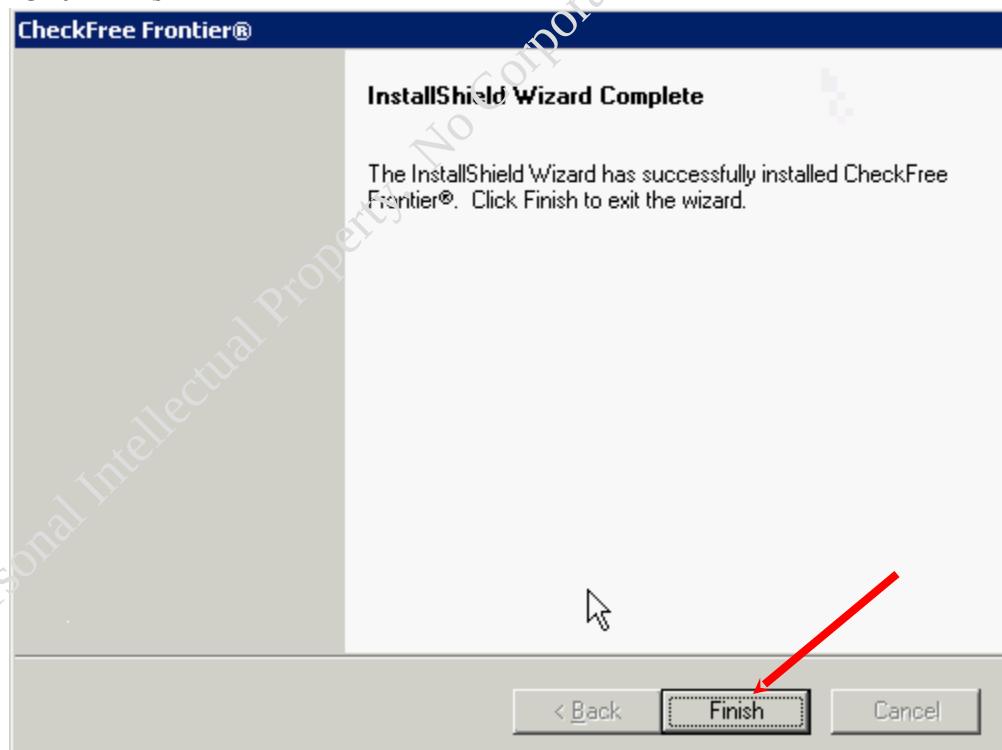
- Click ‘next’



-Application should be installing



-Click 'finish'

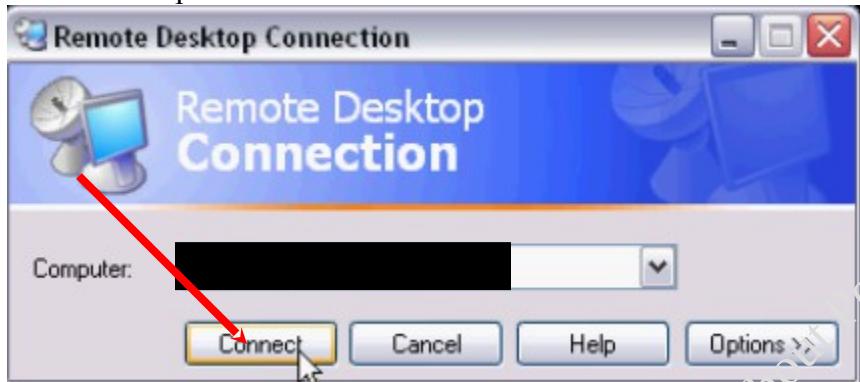


-When done, close applications/windows, and log off

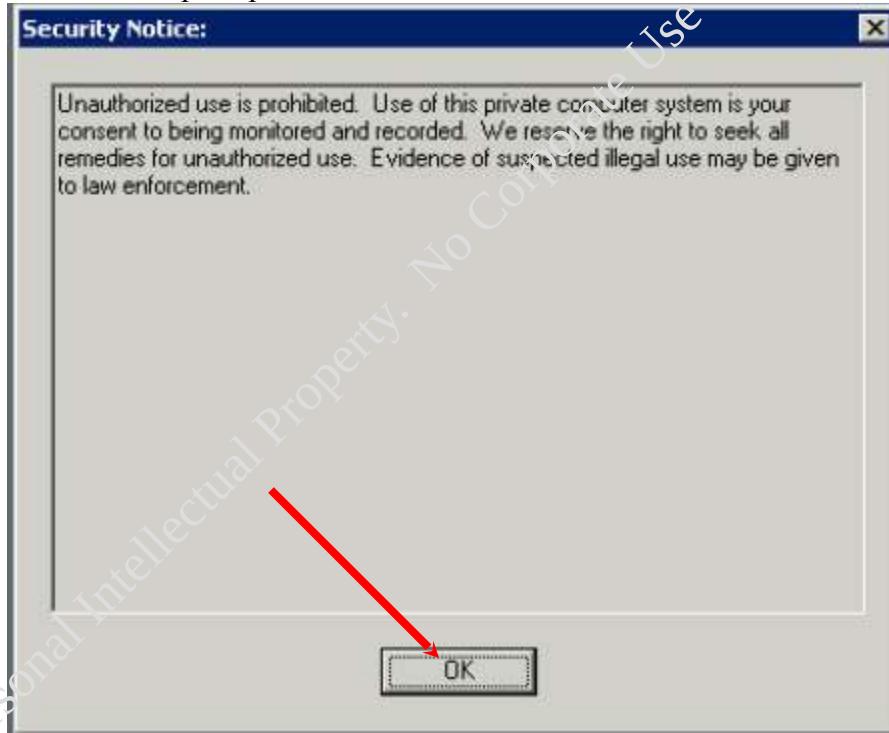
FRS-Frontier – 04 – installing sql native client

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

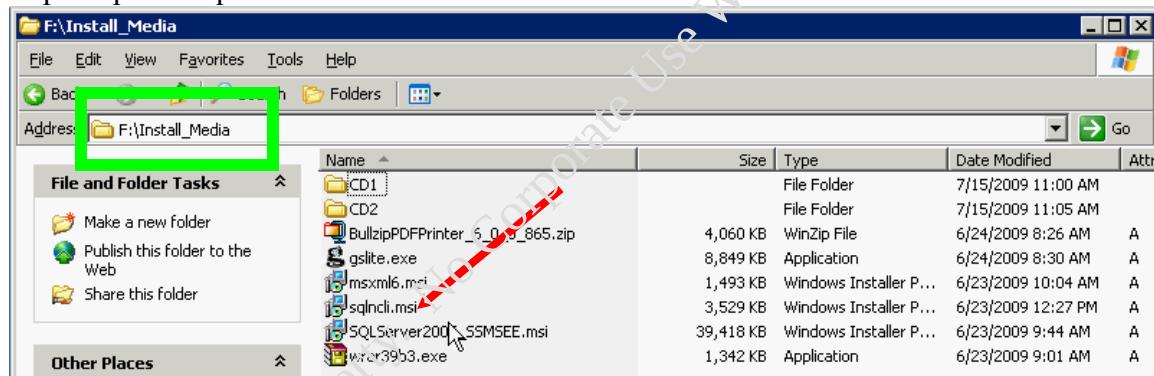


-Enter credentials to log in

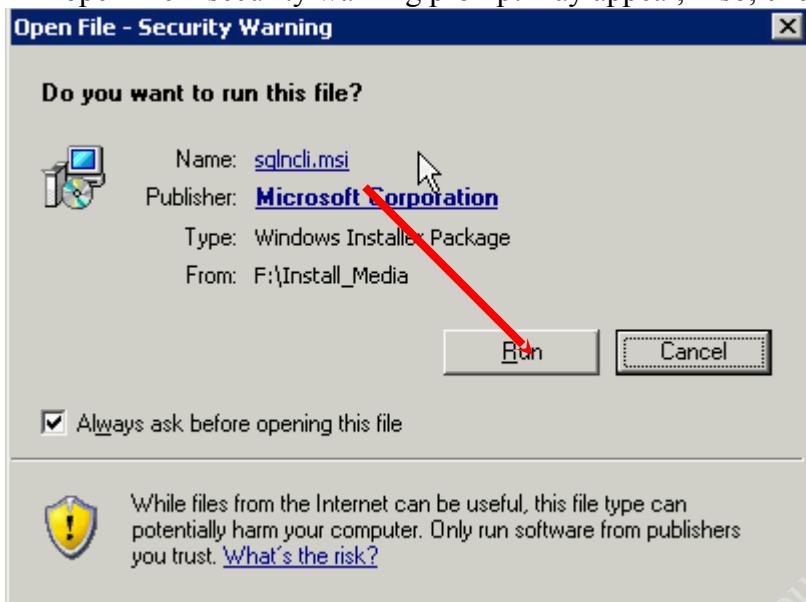


-Open up the appropriate directory, in this example: f:\install_media

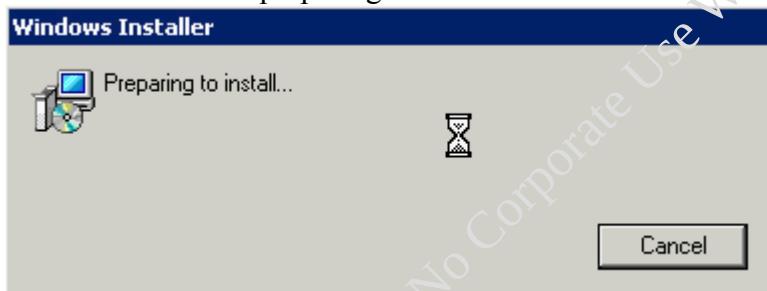
-Open up the 'sqlncli.msi' installation file



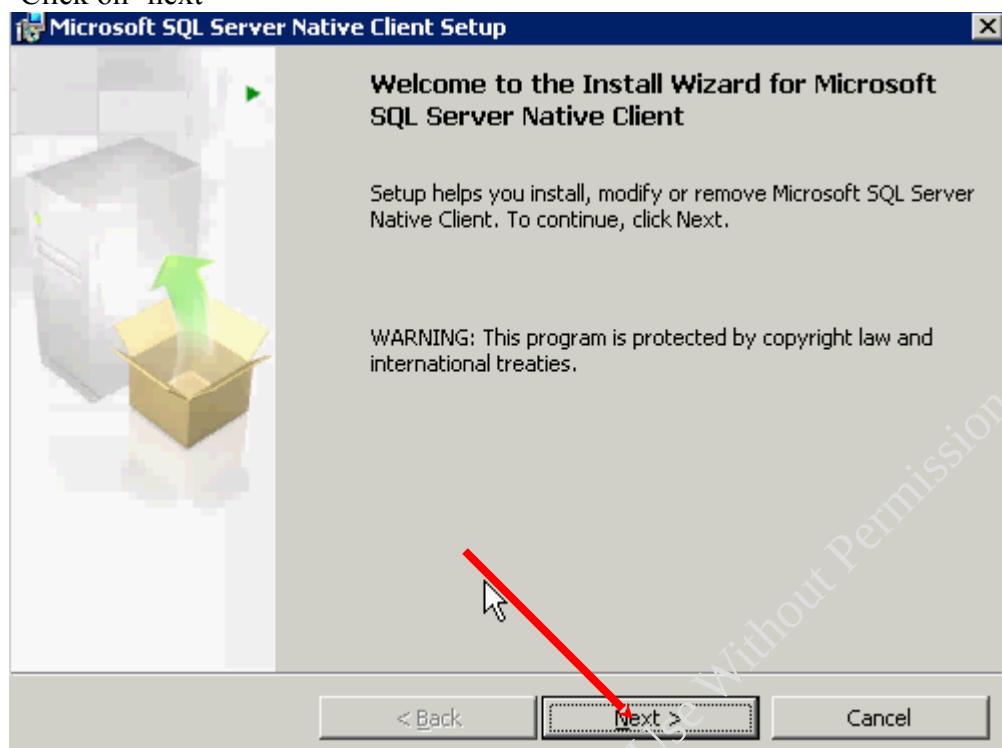
-An open file – security warning prompt may appear, if so, click ‘run’



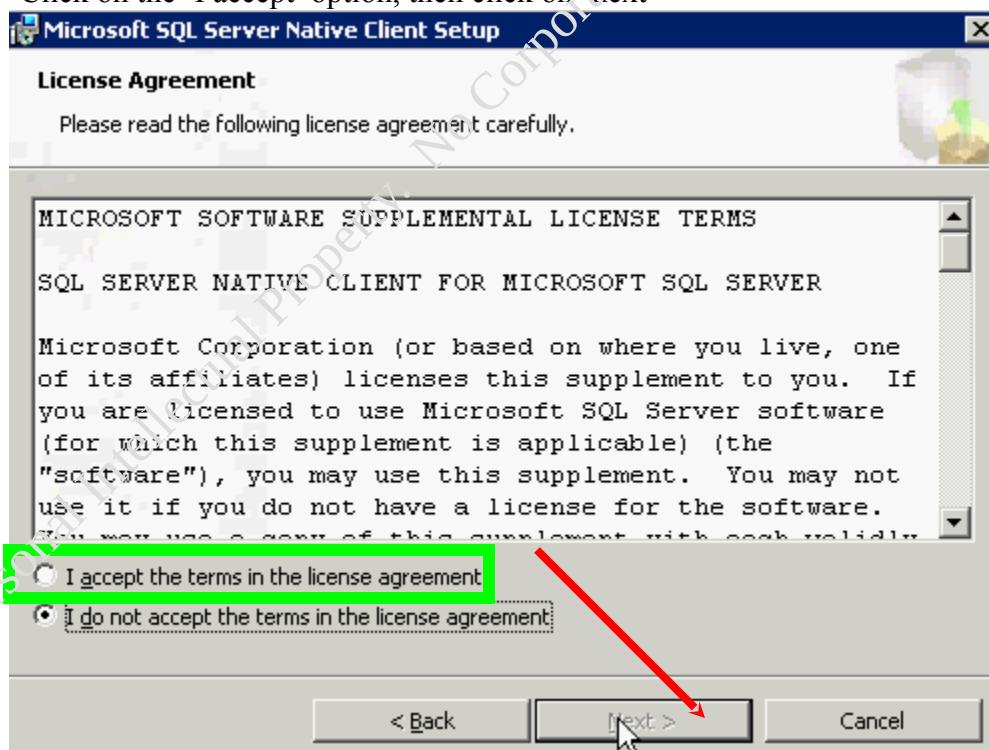
-Installer should be preparing to run



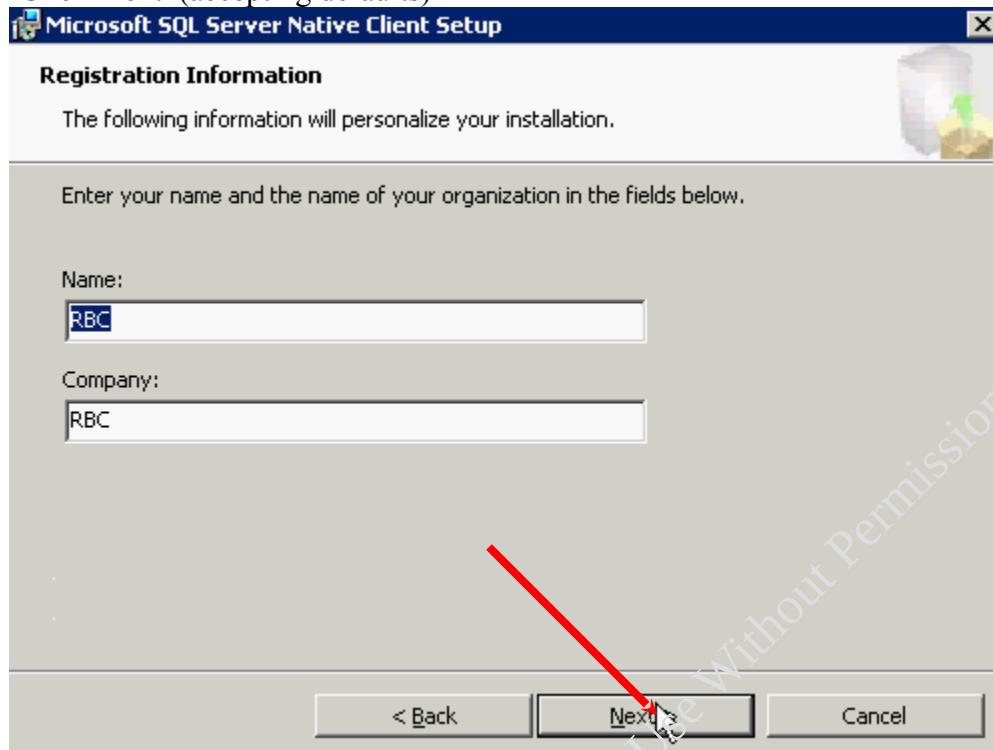
-Click on 'next'



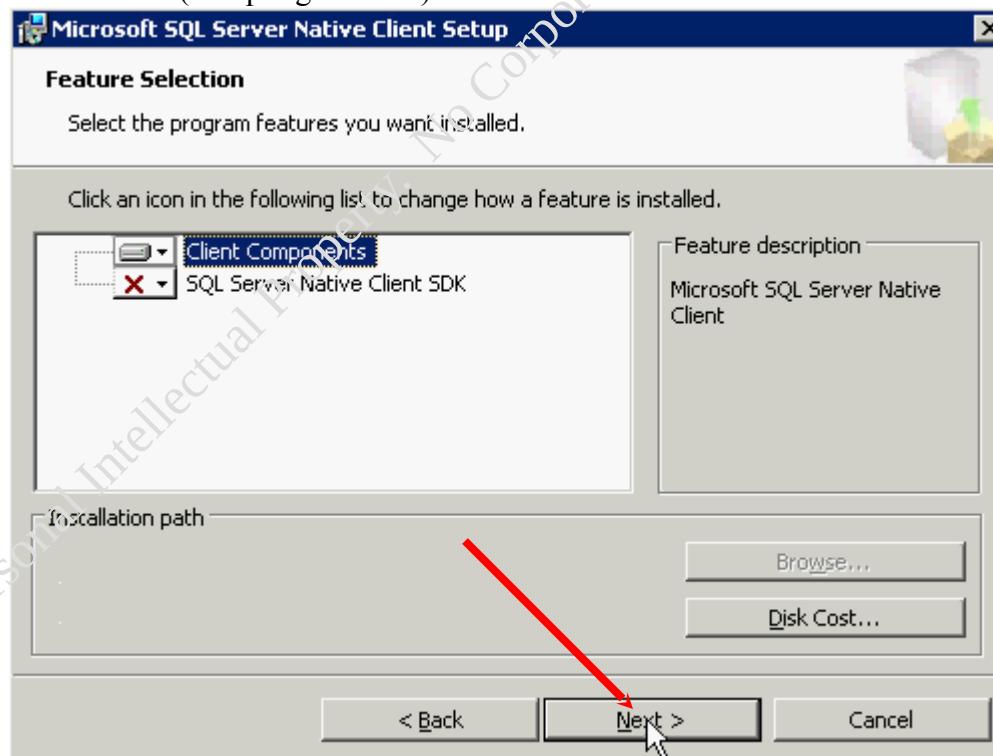
-Click on the 'I accept' option, then click on 'next'



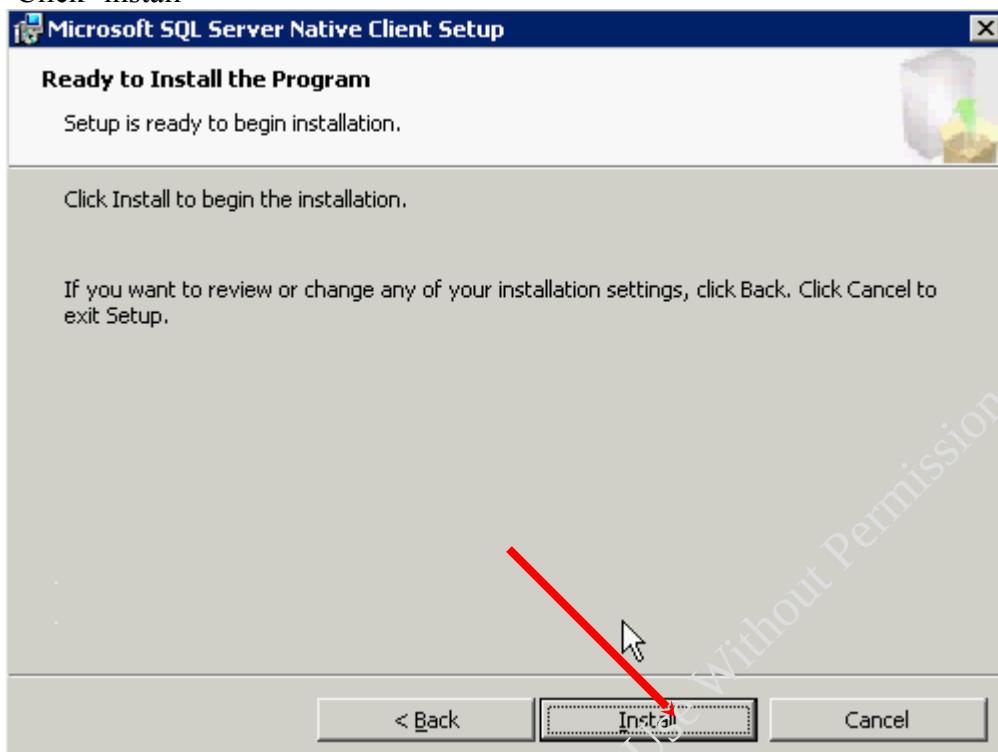
-Click 'next' (accepting defaults)



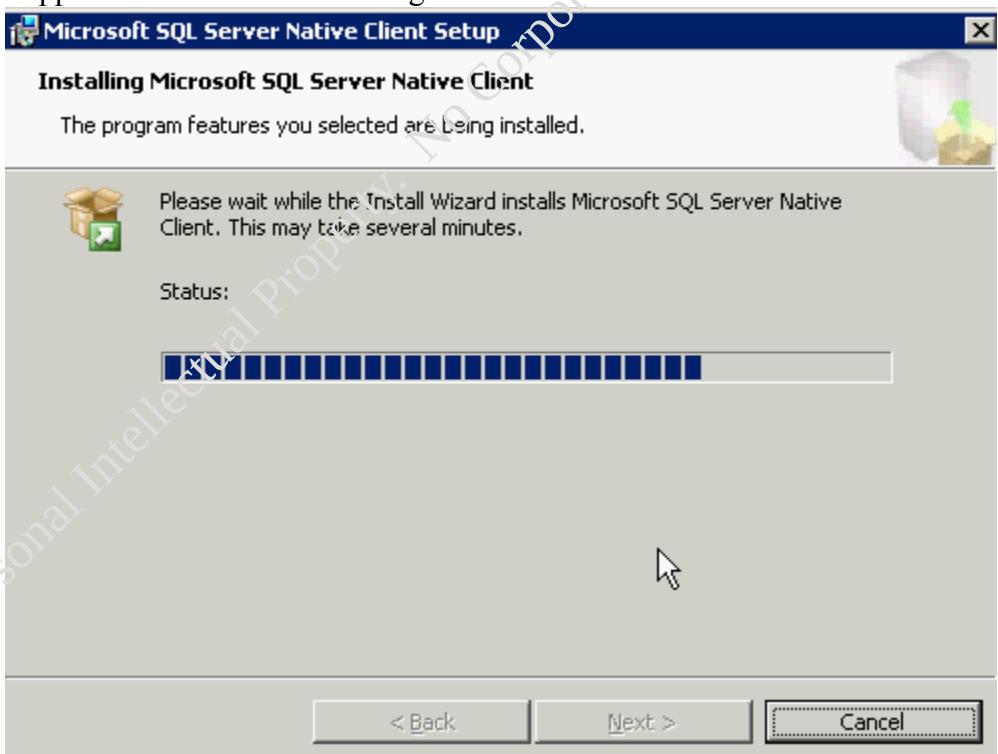
-Click 'next' (accepting defaults)



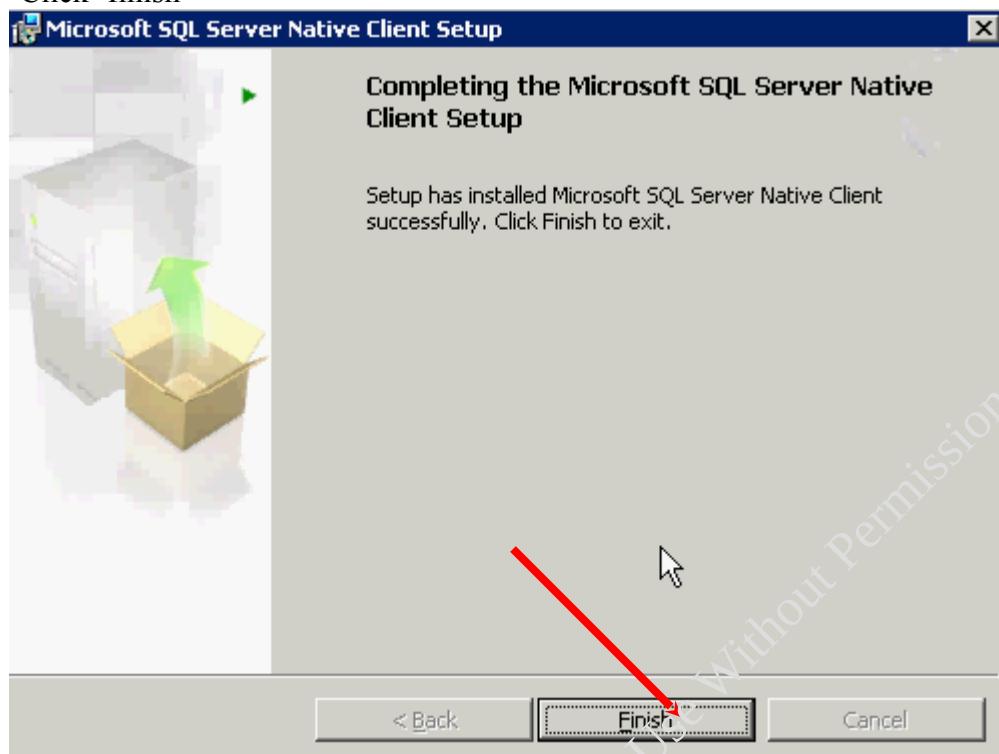
-Click ‘install’



-Application should be installing



-Click ‘finish’



-When done, close applications/windows, and log off

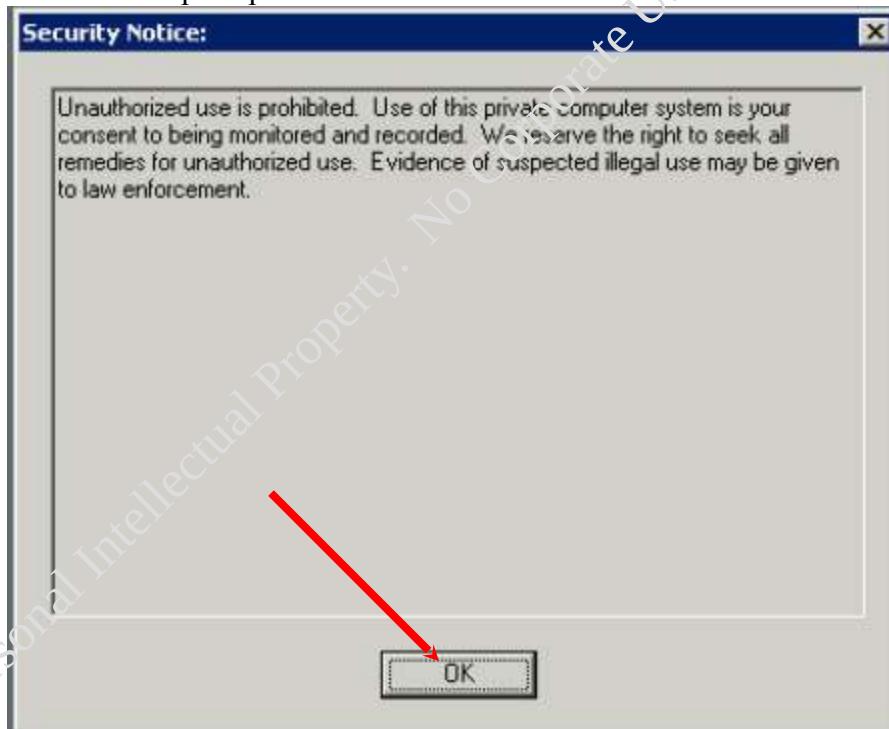
FRS-Frontier – 05 – adding sql native client data source / configuring java options

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

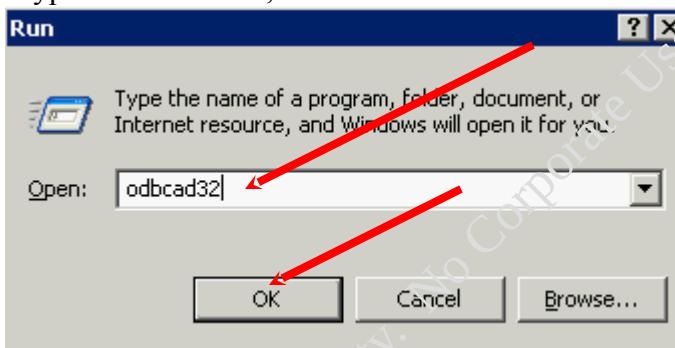


-Enter credentials to log in

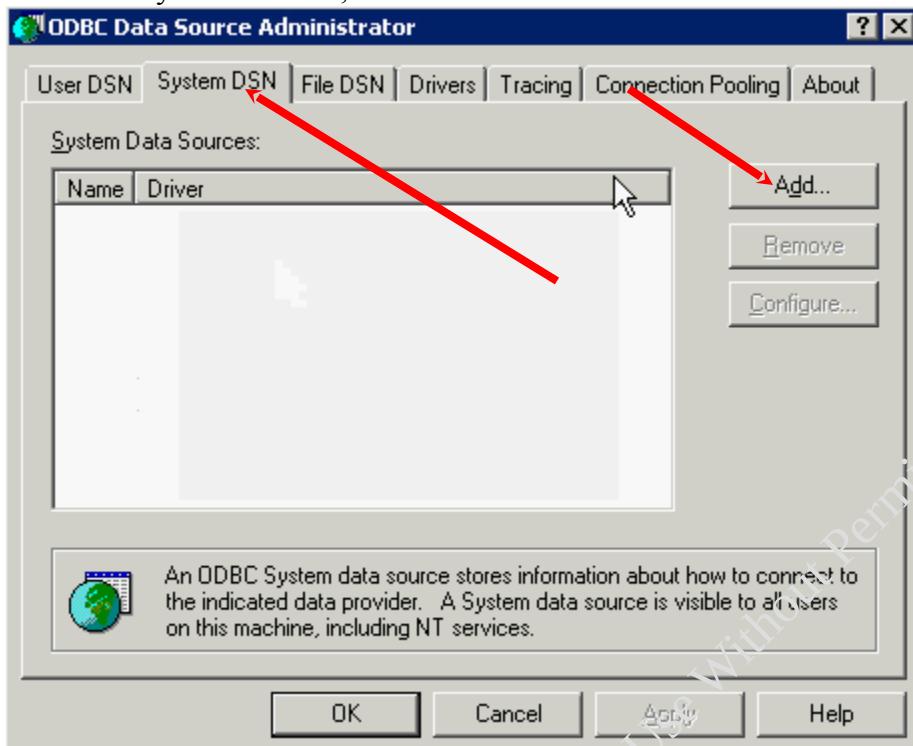


-Click on: start > run

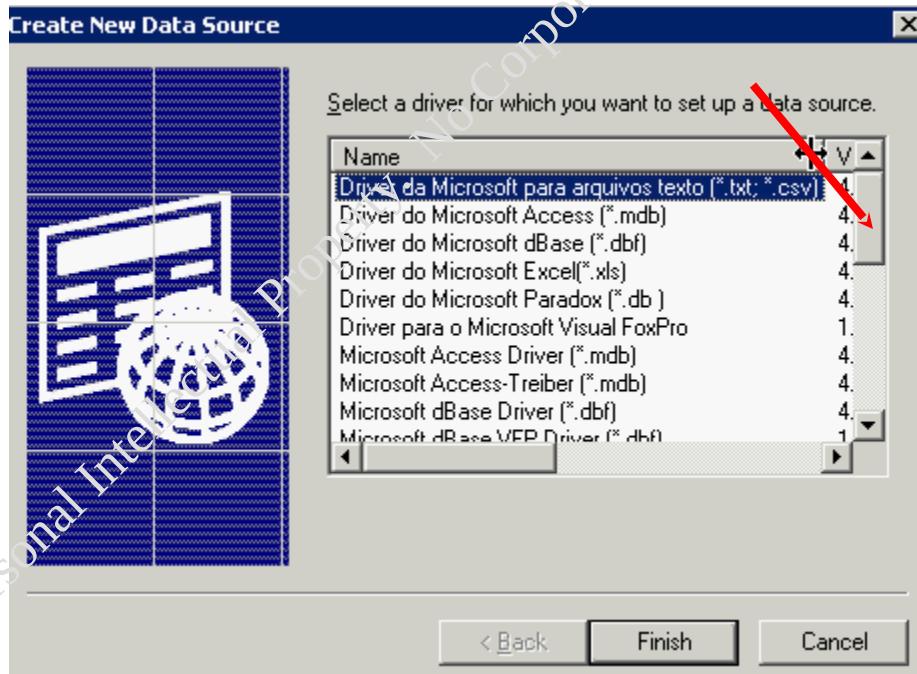
-Type in 'odbcad32', click on 'ok'



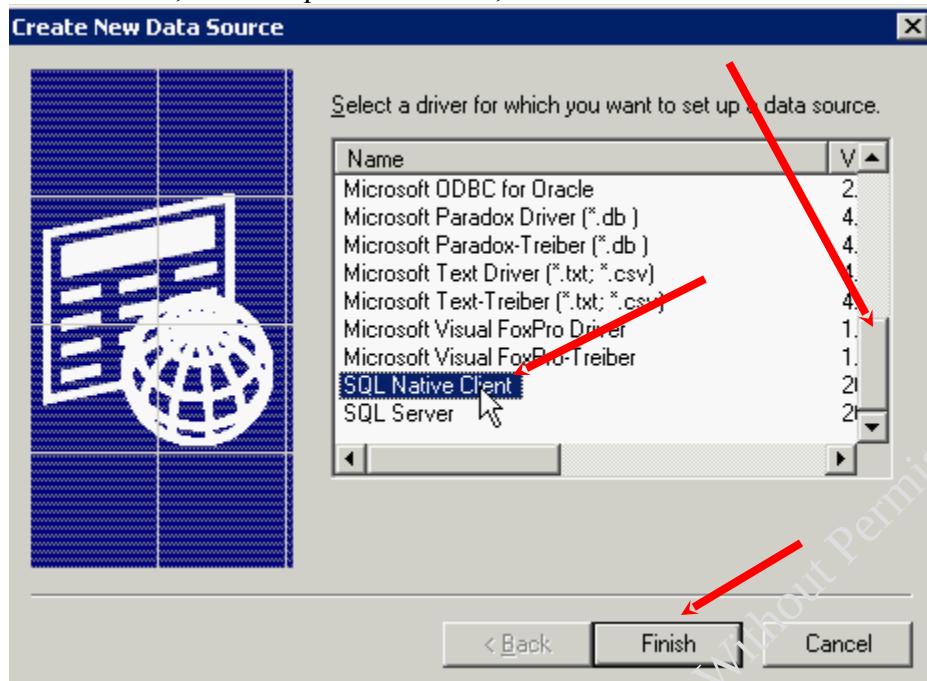
-Click on ‘system dsn’ tab, then click ‘add’



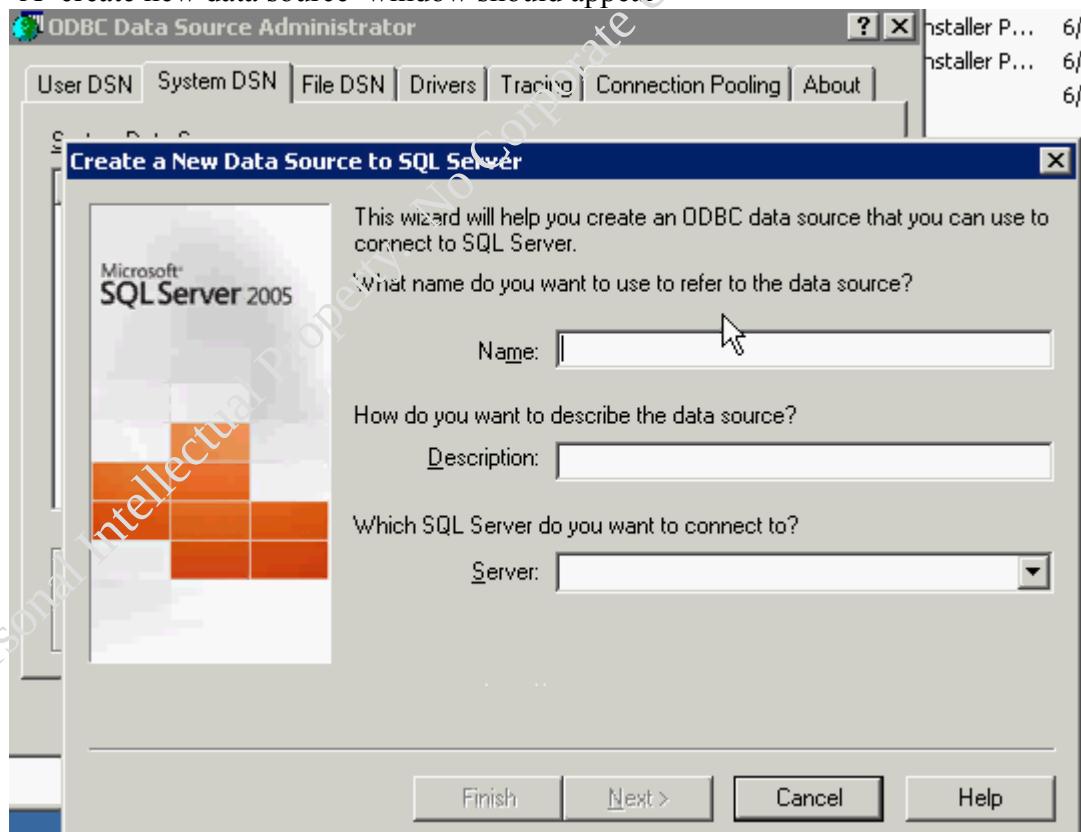
-Scroll down



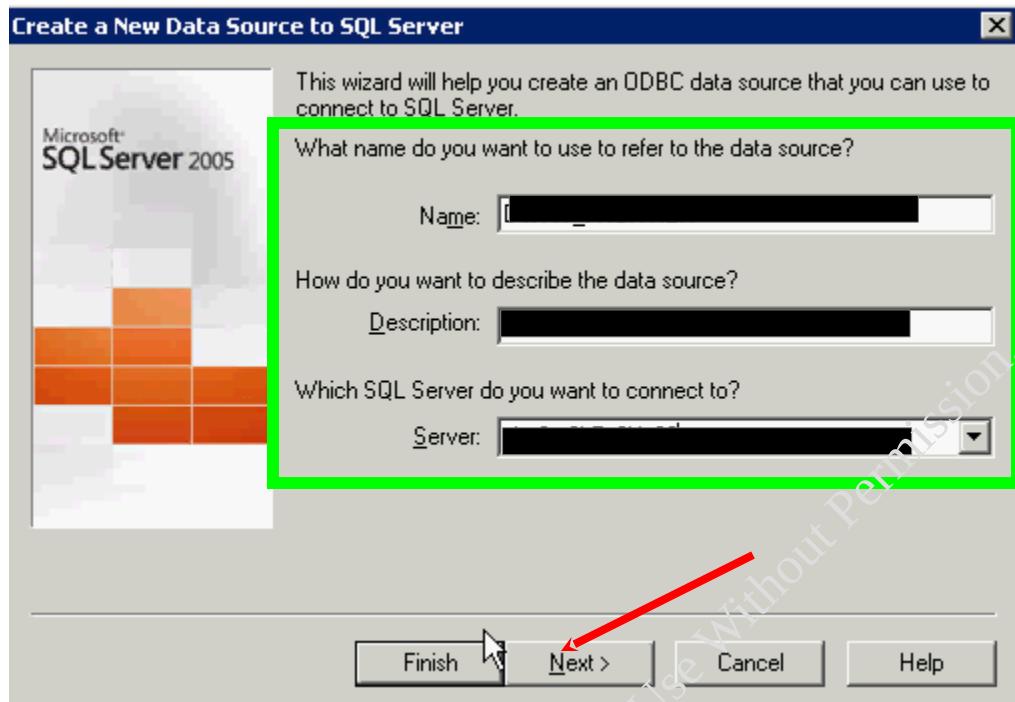
-Scroll down, select ‘sql native client’, then click ‘finish’



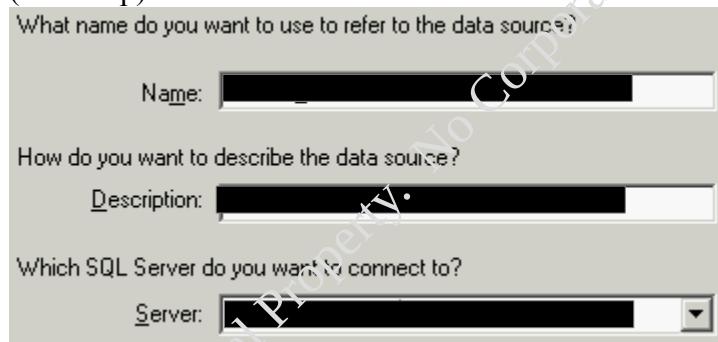
-A ‘create new data source’ window should appear



- Enter/update the appropriate fields
- Click 'next'



(closer up)



-Correct/update the appropriate fields

-In this example:

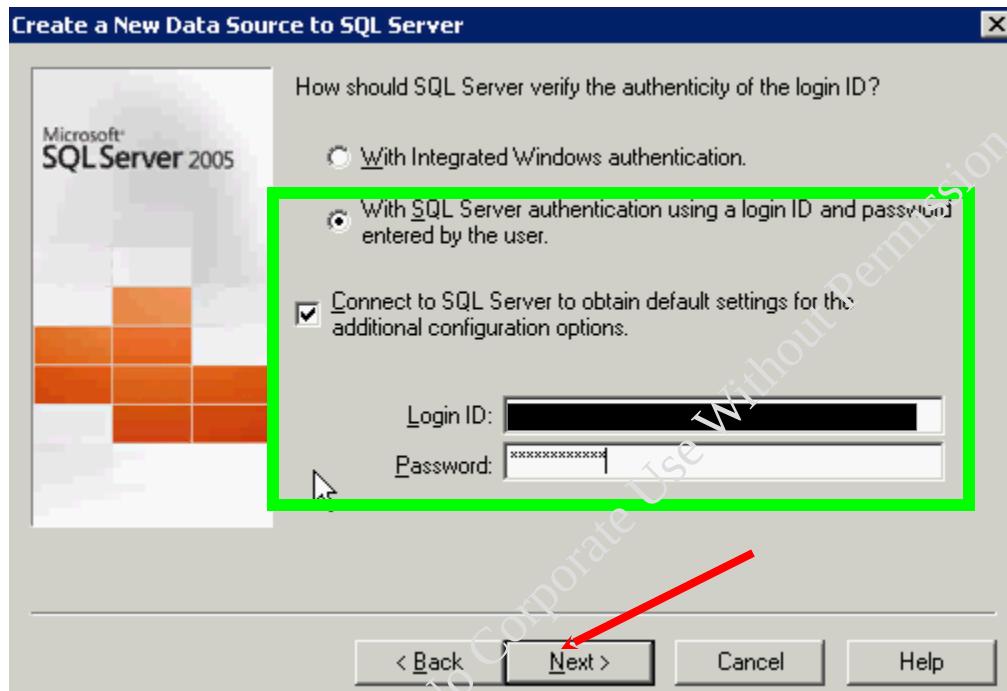
-check the ‘connect to sql server...’ box

(it may have to be checked then unchecked – after selecting the sql server authentication),

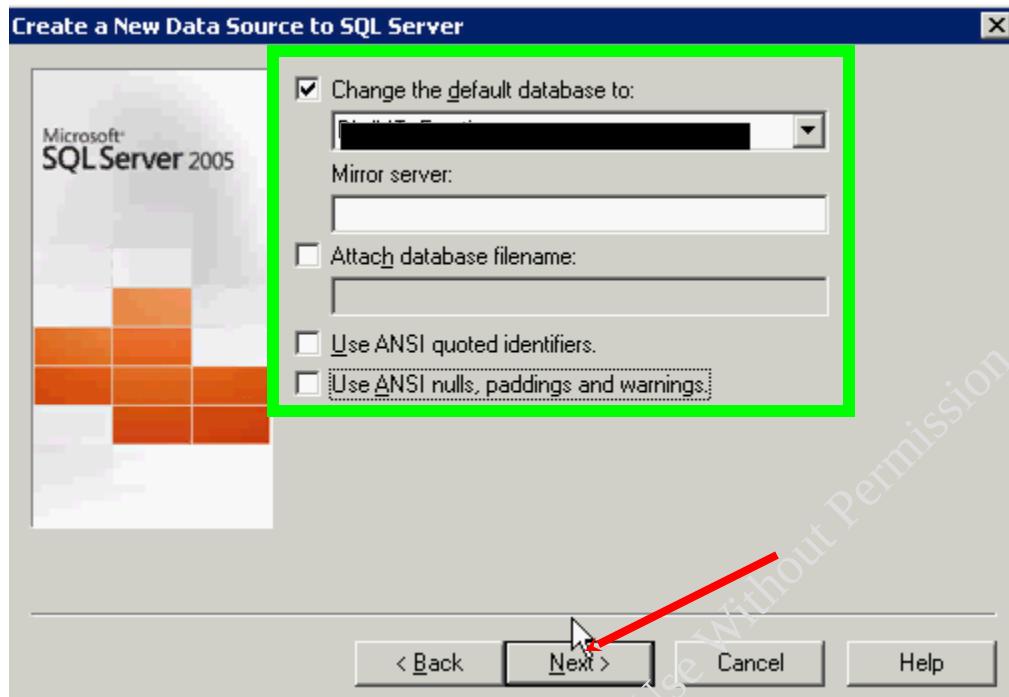
-select the ‘with sql server authentication using a login id’,

-enter in credentials

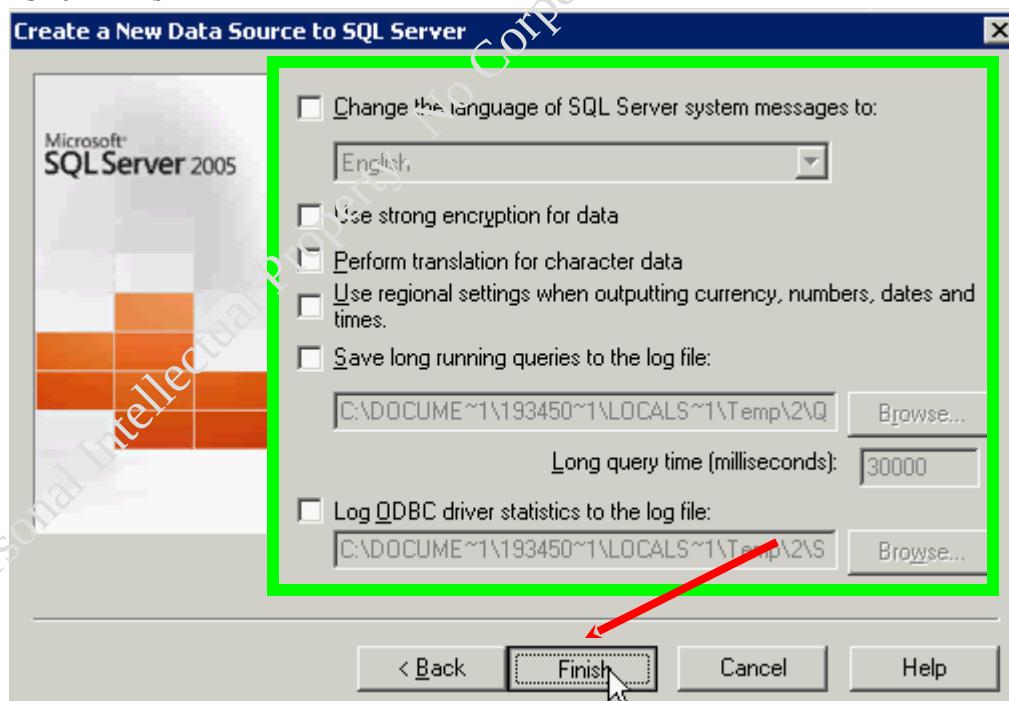
-Click ‘next’



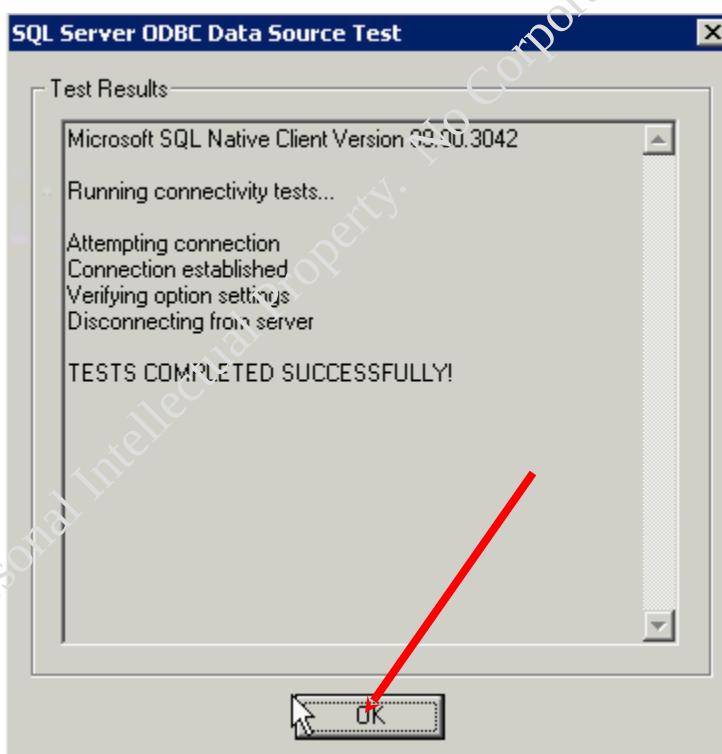
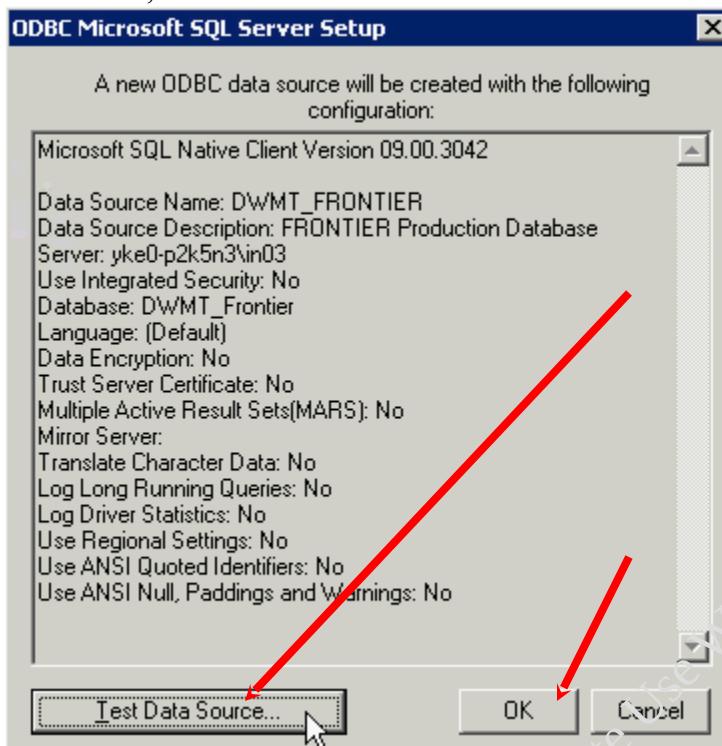
- Correct/update the appropriate fields
- Click ‘next’



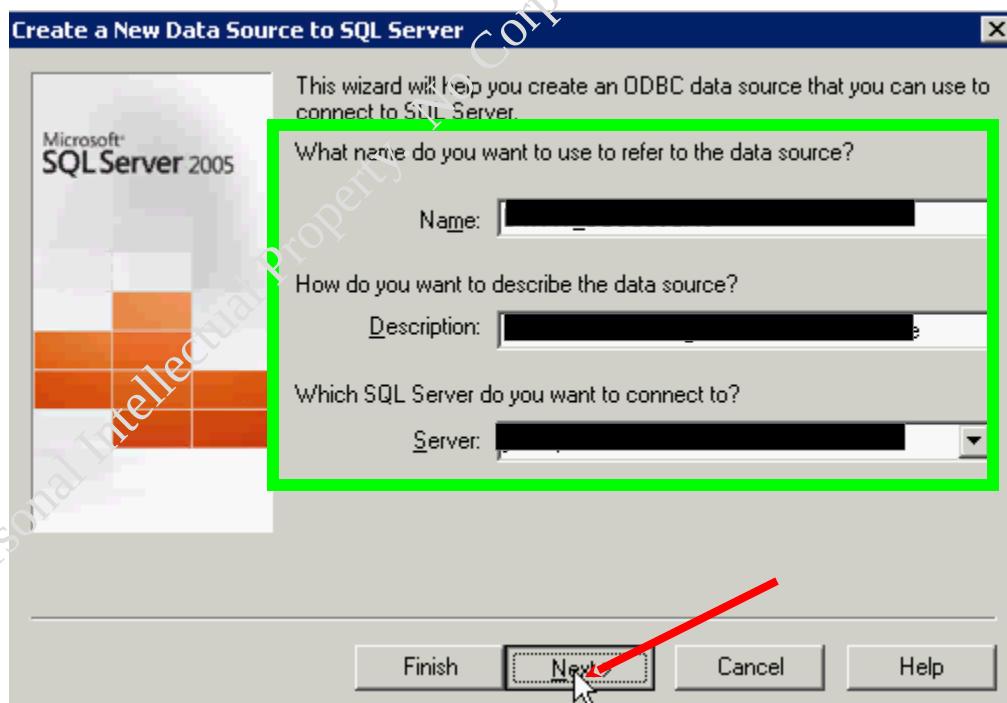
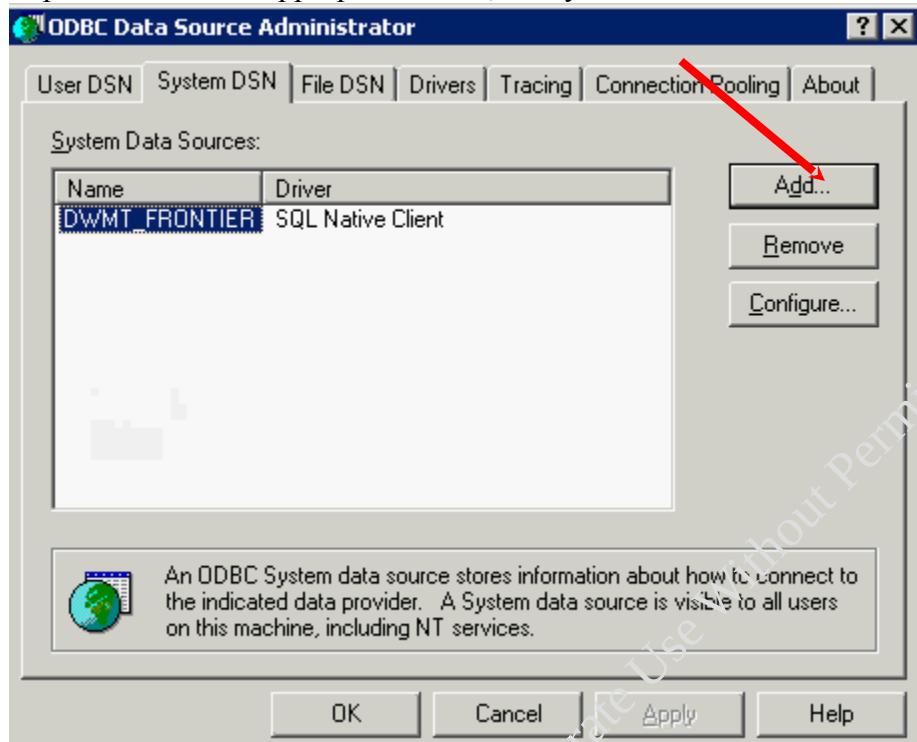
- Correct/update the appropriate fields
- Click ‘finish’



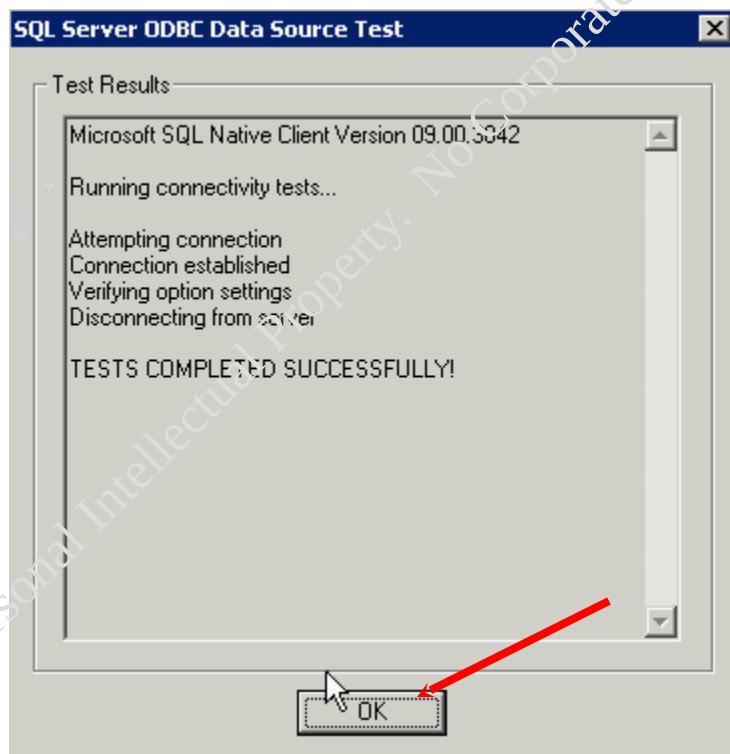
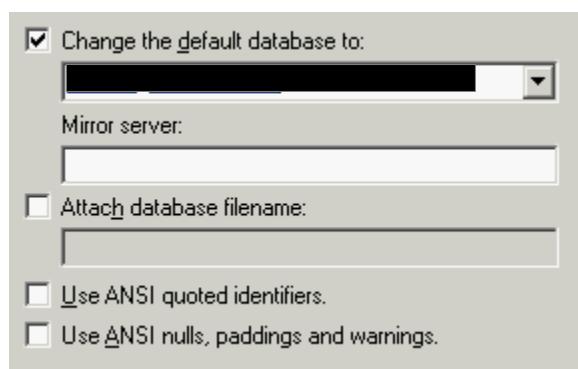
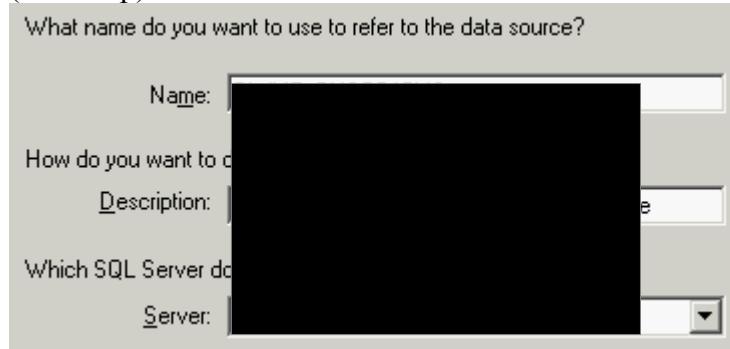
- At the following prompt, click 'test data source'
- Click 'ok', then 'ok'



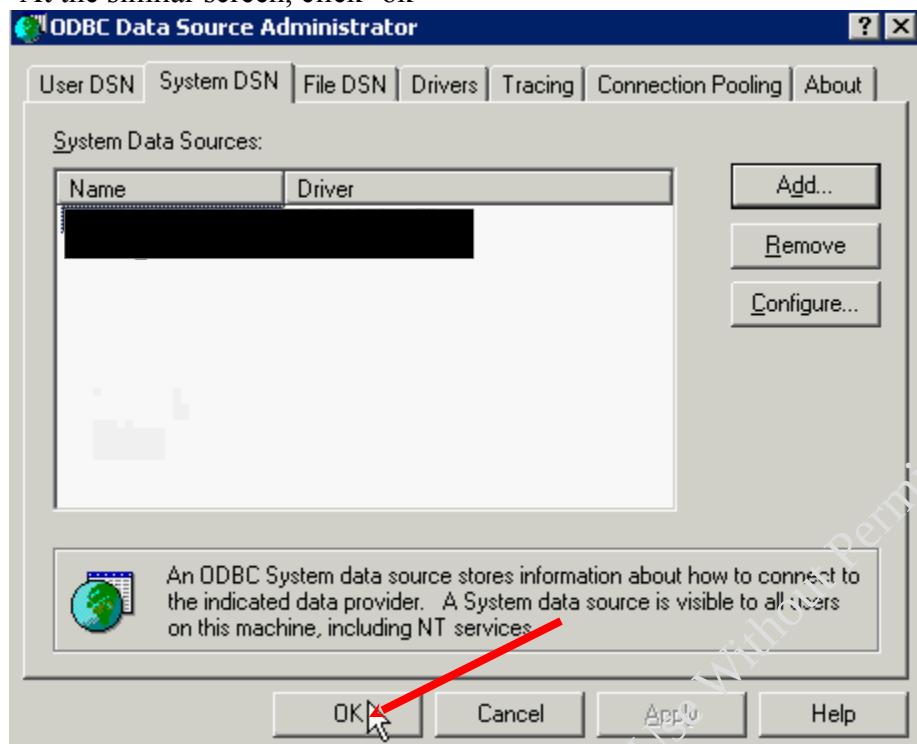
- You should be at the similar screen
- Click on ‘add’, and repeat steps to create another sql native client source
- Update/correct the appropriate fields, verify the information



(closer up)

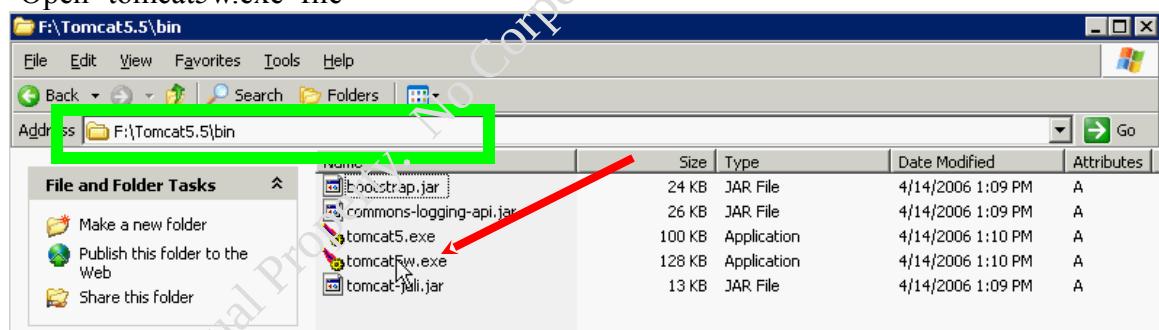


-At the similar screen, click 'ok'

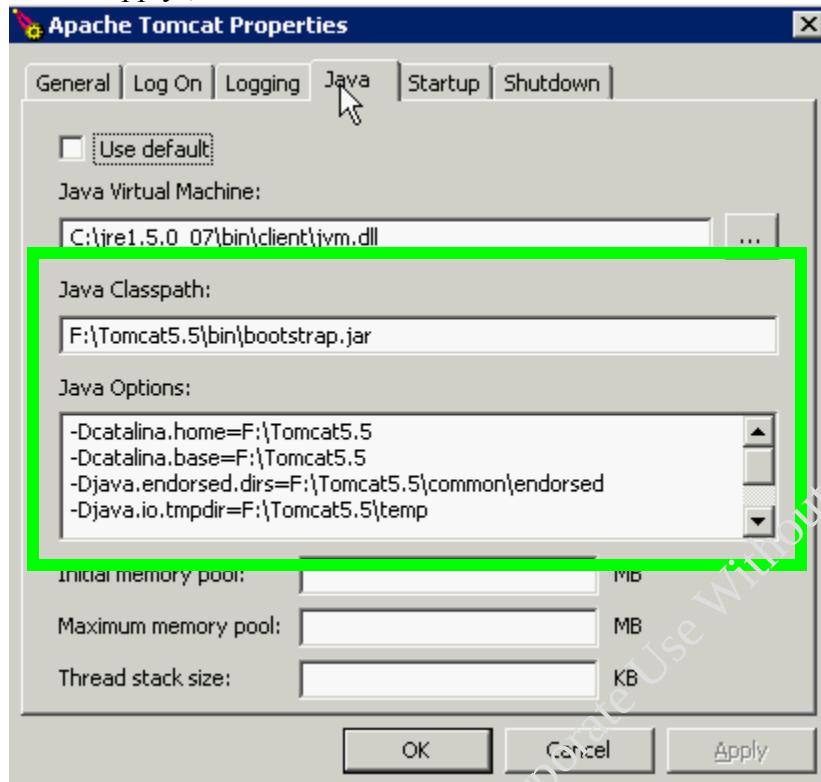


-Navigate to the appropriate directory, in this example: f:\tomcat5.5\bin

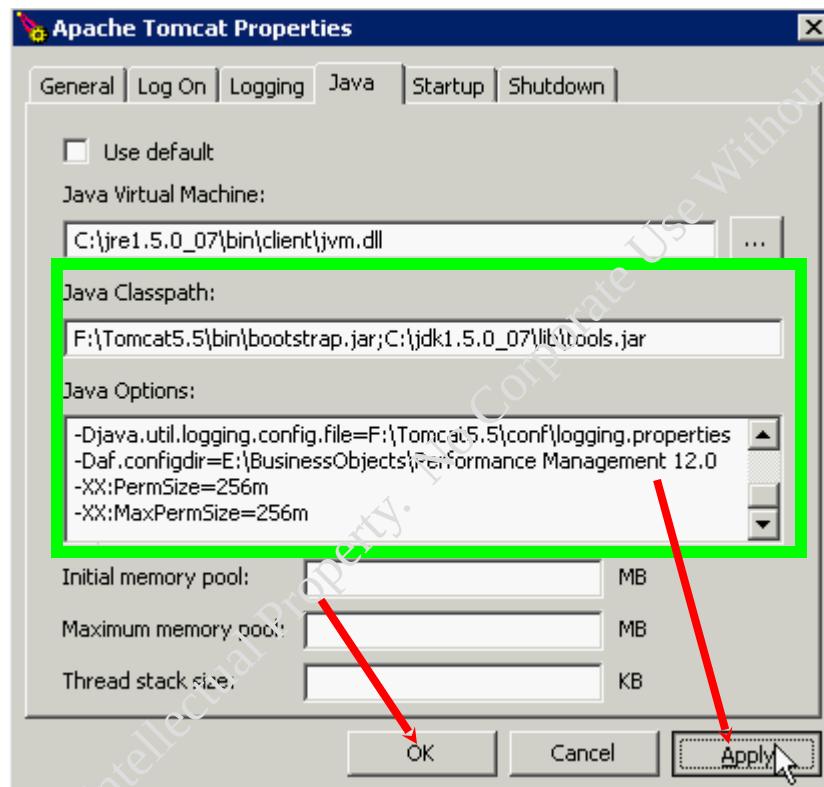
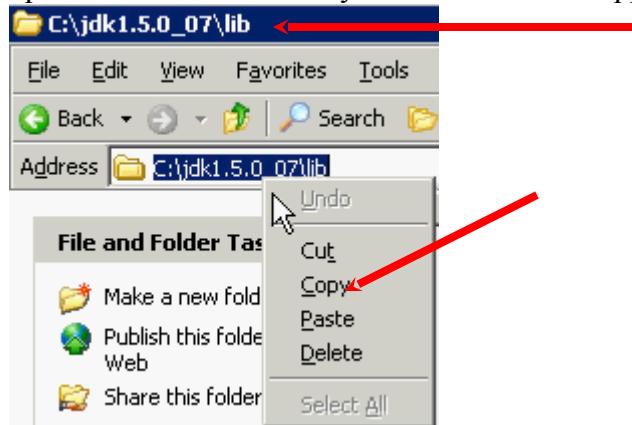
-Open 'tomcat5w.exe' file



- At the properties box, go to the ‘java’ tab
- Edit the ‘java classpath’ and ‘java options’
- Click ‘apply’, then ‘ok’



-You may want to verify and copy the directory of the java installation, and get the options information from your administrator/support



-When done, close applications/windows and log off

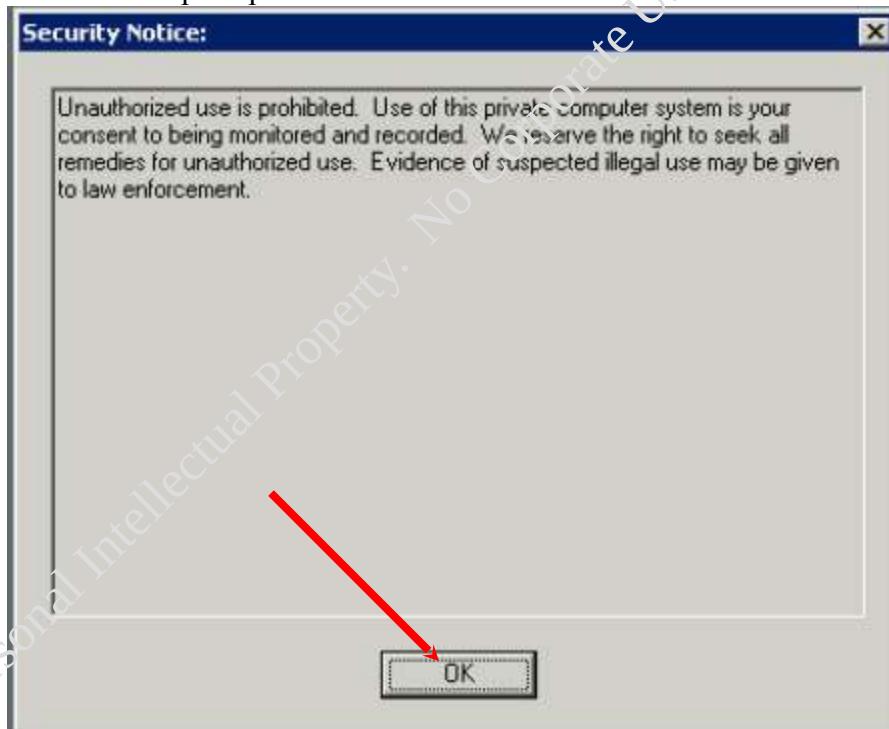
FRS-Frontier – 06 – installing businessobjects enterprise xi 3.0

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



-Enter credentials to log in

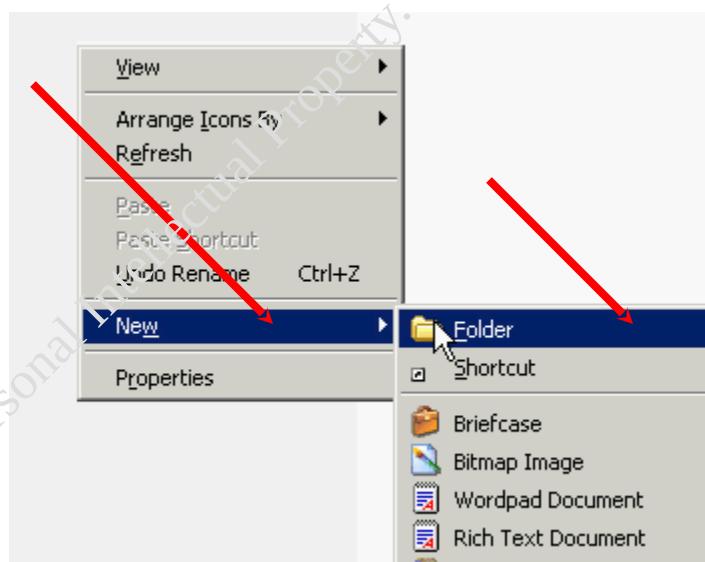
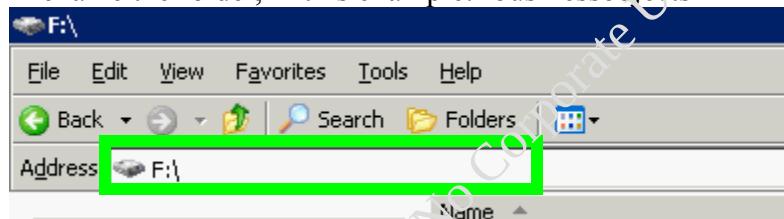


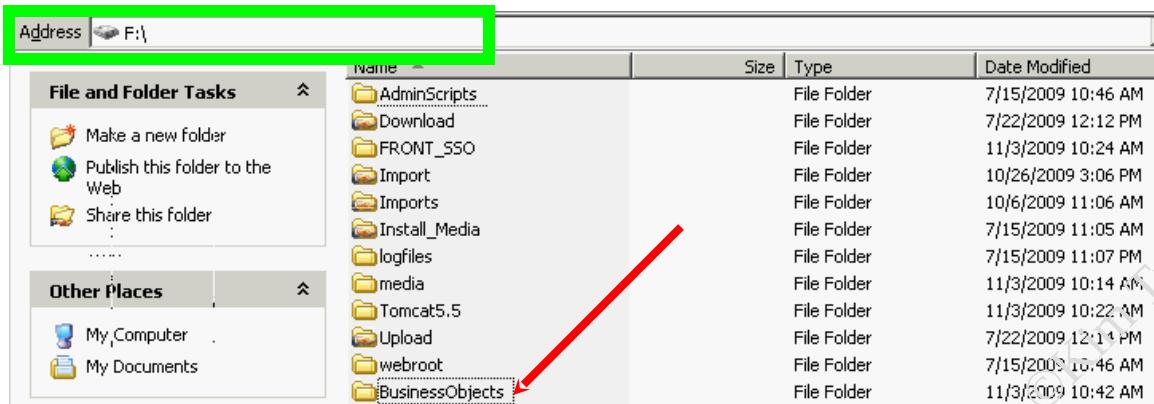
-Navigate to the appropriate directory, in this example: f:\

-Create a new folder

-‘Right click’ in the right window pane > new > folder

-Rename the folder, in this example: ‘businessobjects’



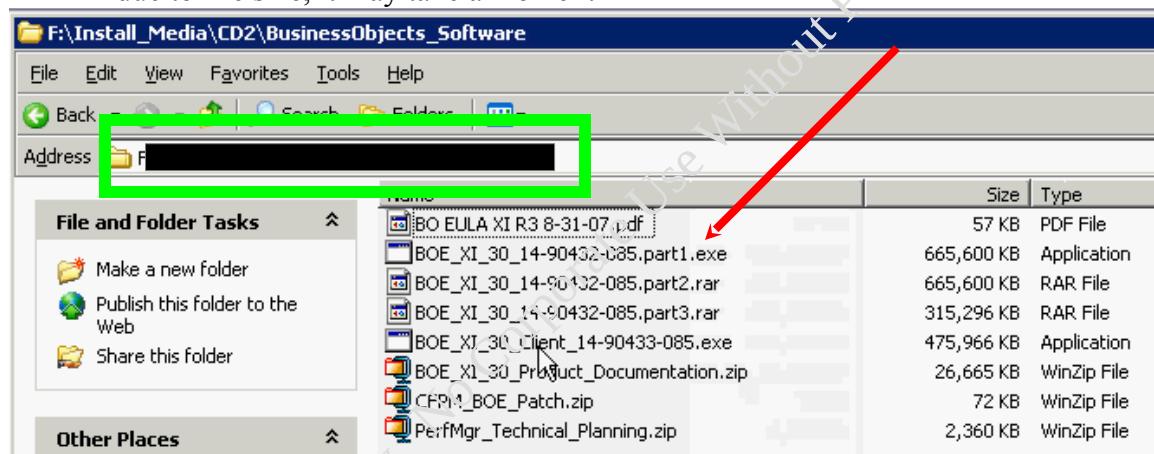


-Navigate to the appropriate directory, in this example:

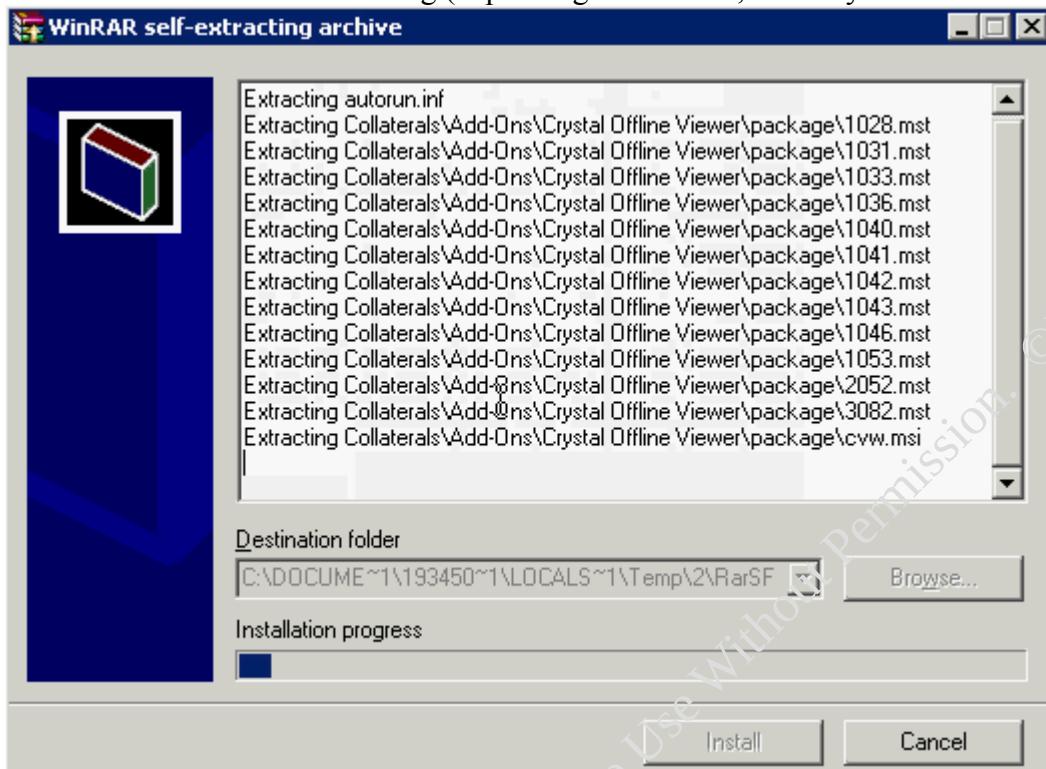
-f:\install_media\cd2\businessobjects_software

-Open the 'boe_xi_30_client_14-90432-085.part1.exe' file

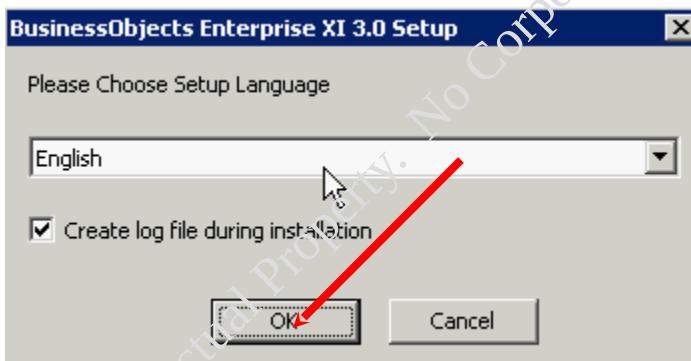
-due to file size, it may take a moment



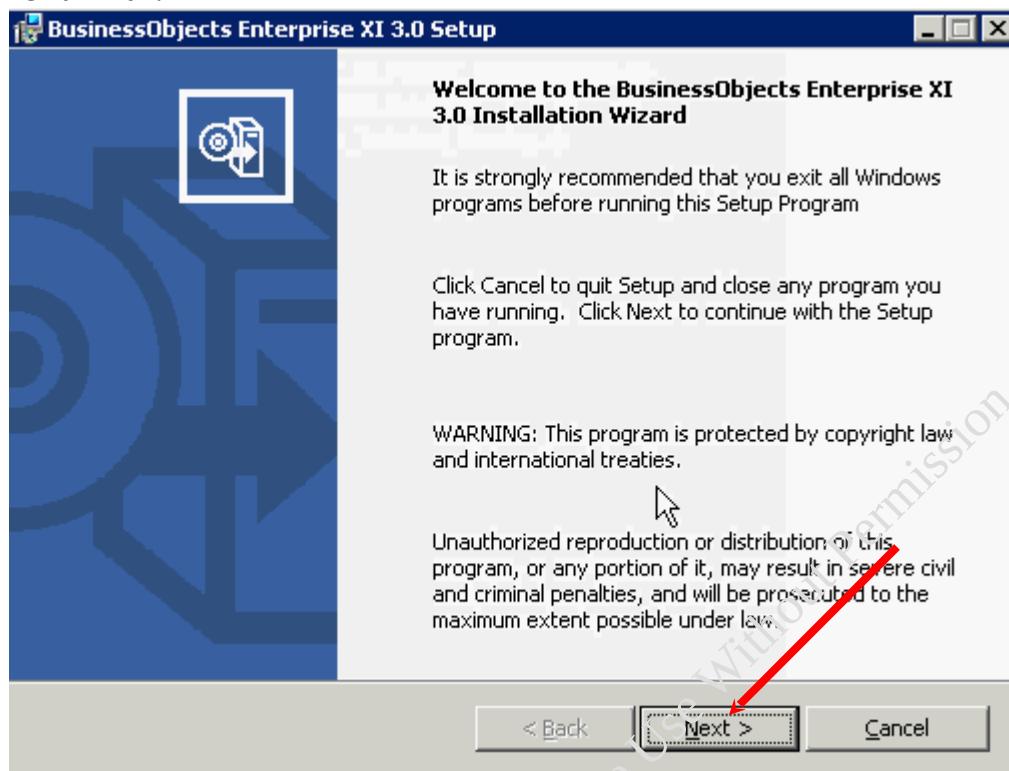
-The file should be self extracting (depending on file size, this may take some time)



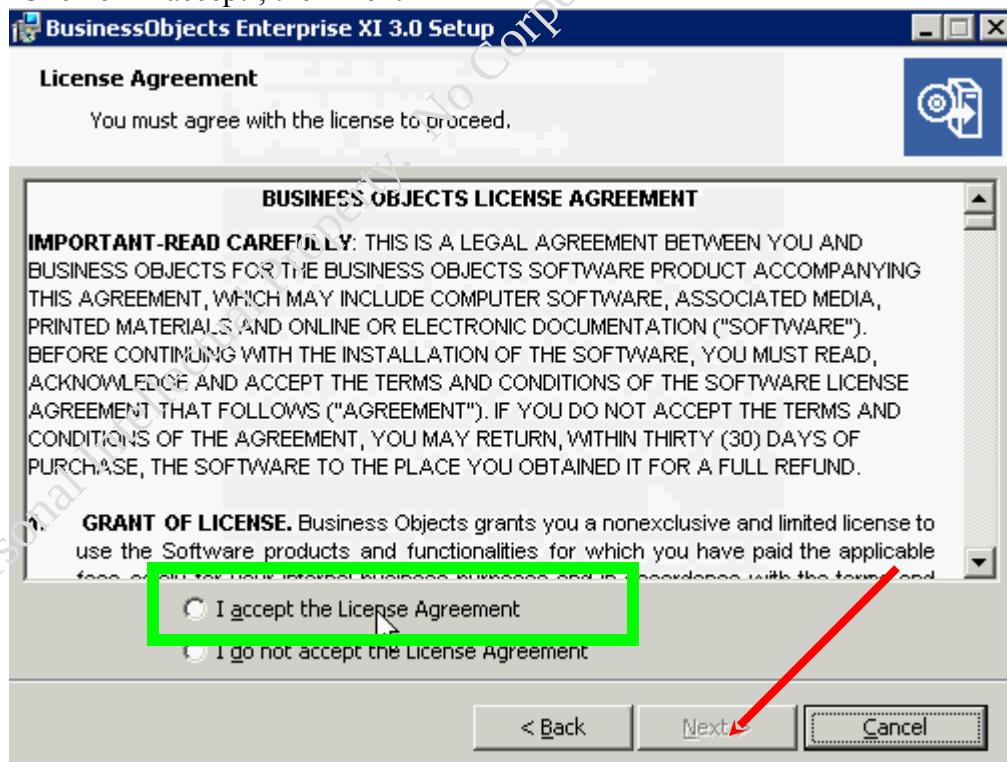
-Click 'ok'



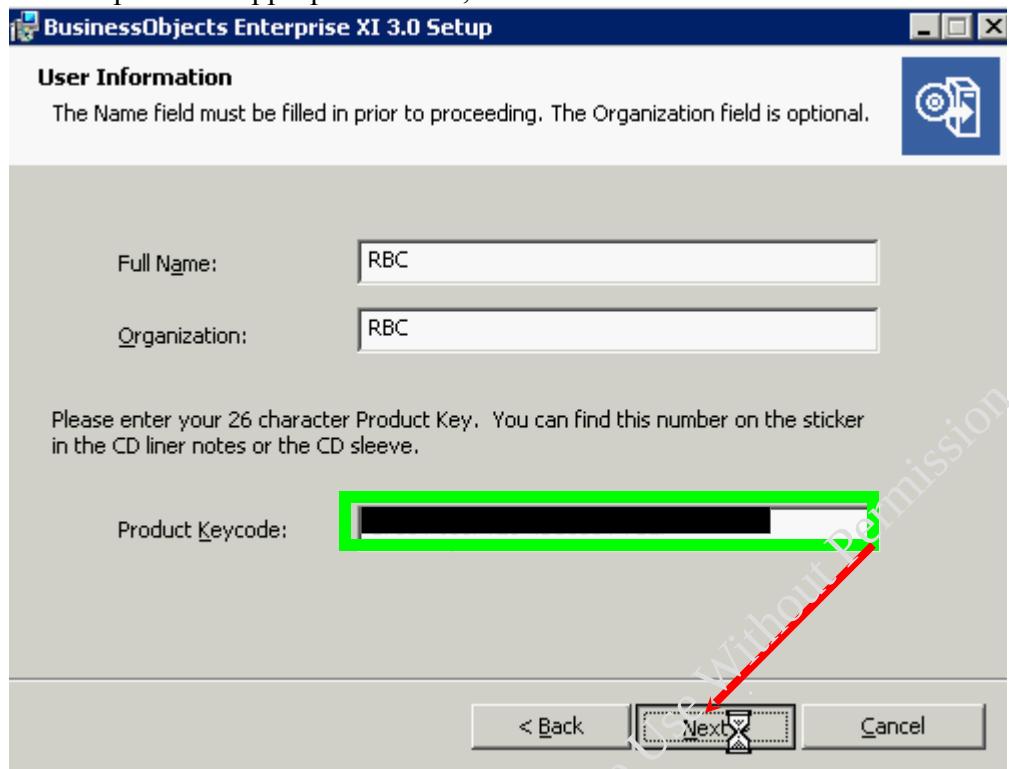
-Click 'next'



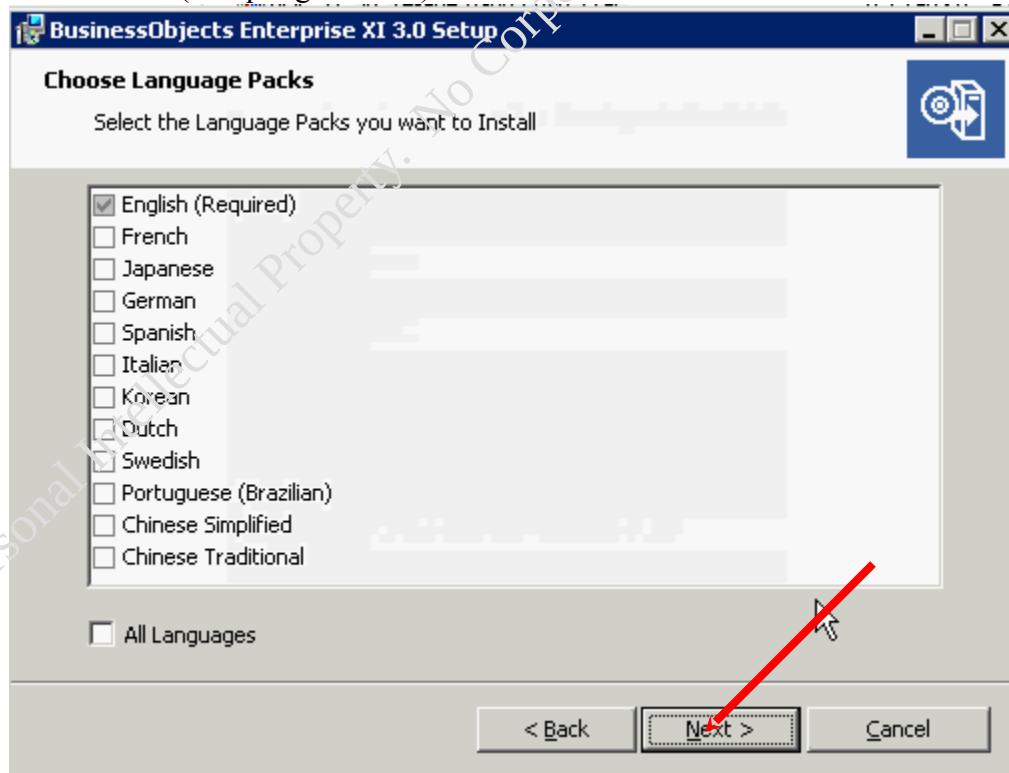
-Click on 'I accept', then 'next'



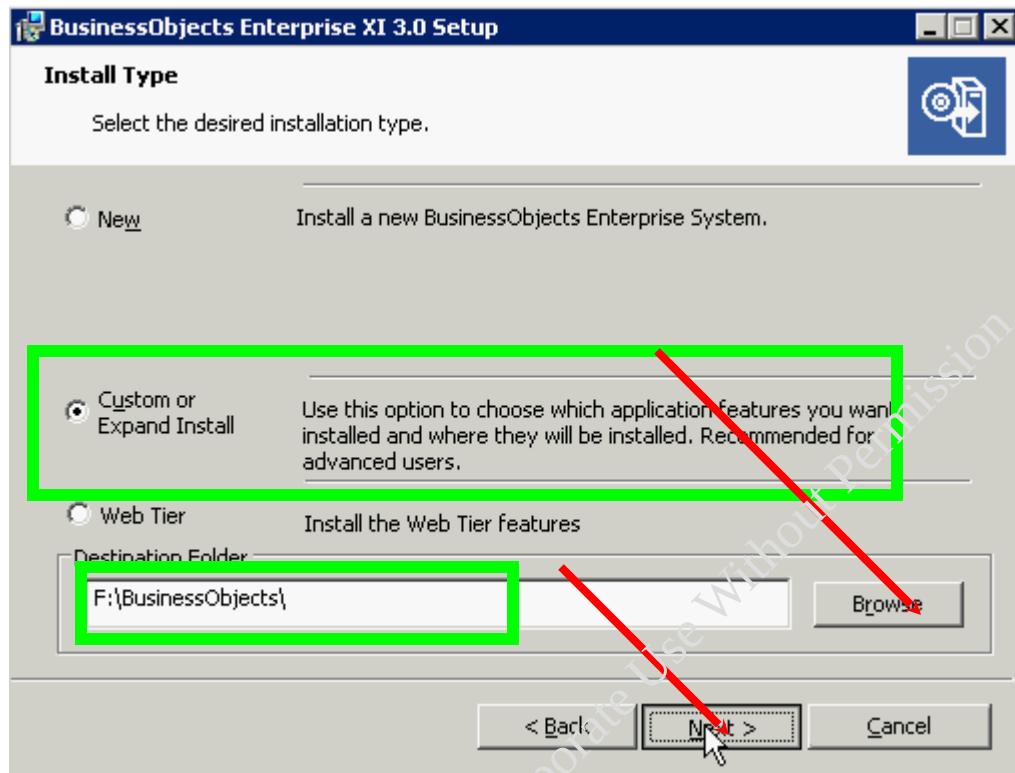
-Enter/update the appropriate fields, click 'next'



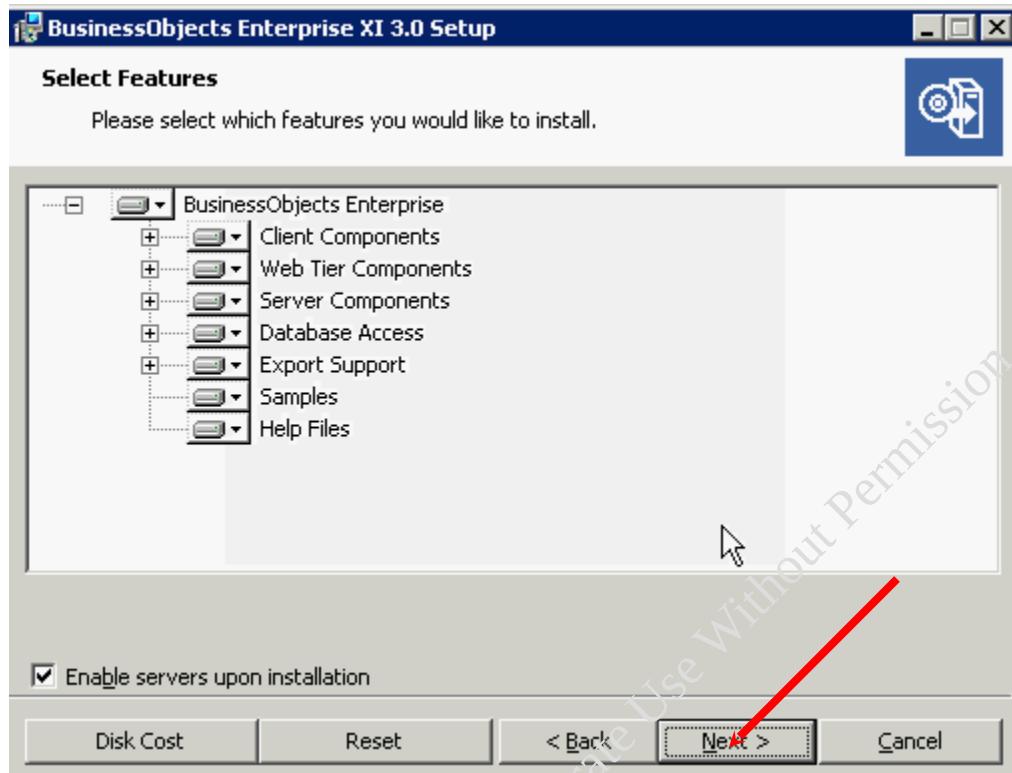
-Click 'next' (accepting defaults)



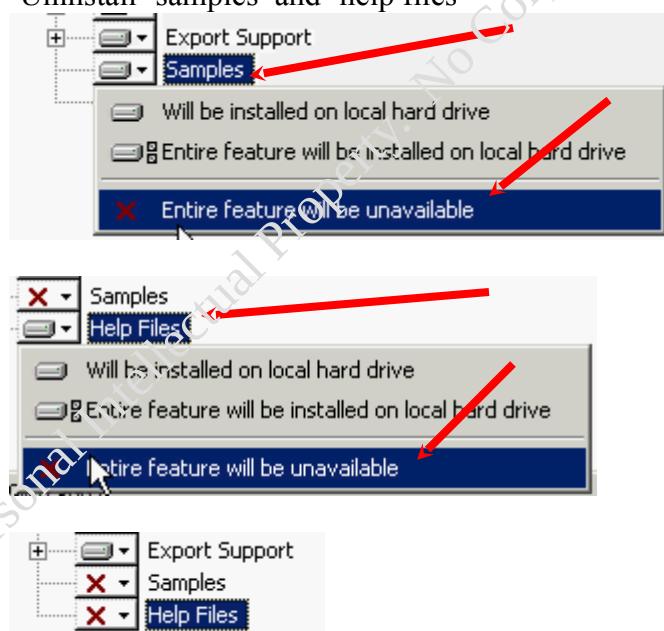
- Select ‘custom or expand install’, click on ‘browse’
- Navigate to the appropriate directory, in this example: f:\businessobjects
- Click ‘next’

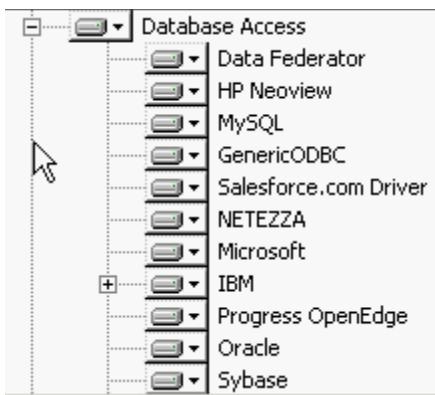


- Configure appropriately, then click 'next'
- See screenshots for details...

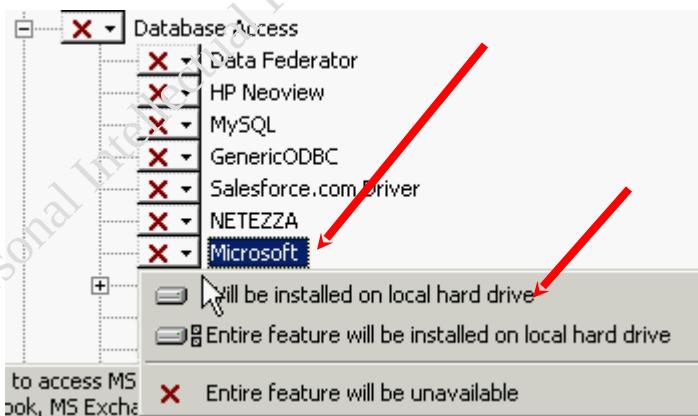
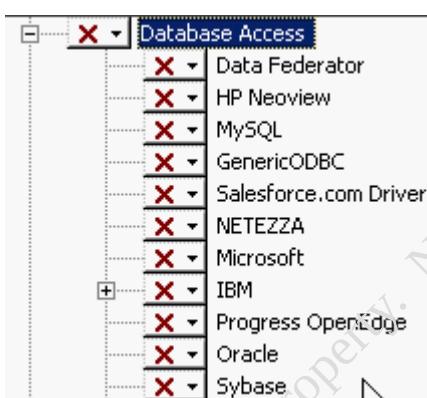
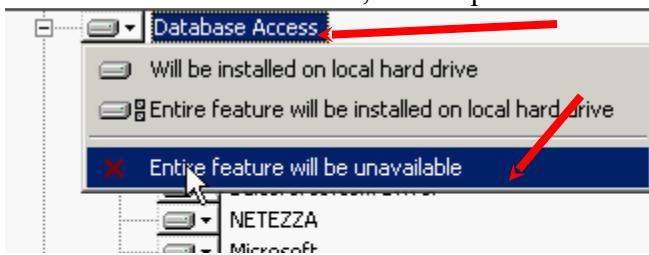


- Uninstall 'samples' and 'help files'

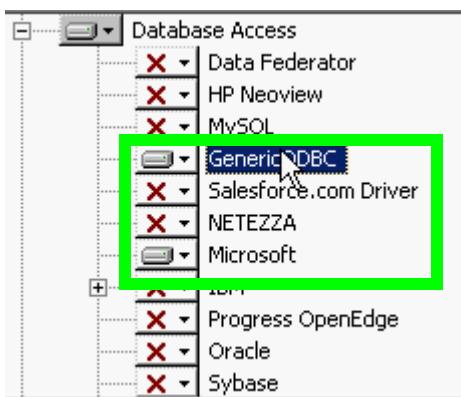
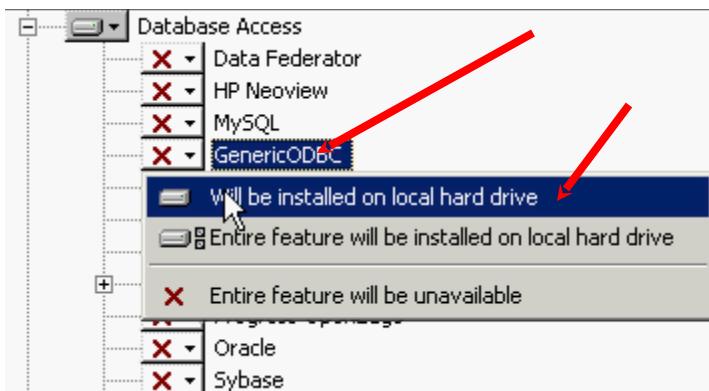




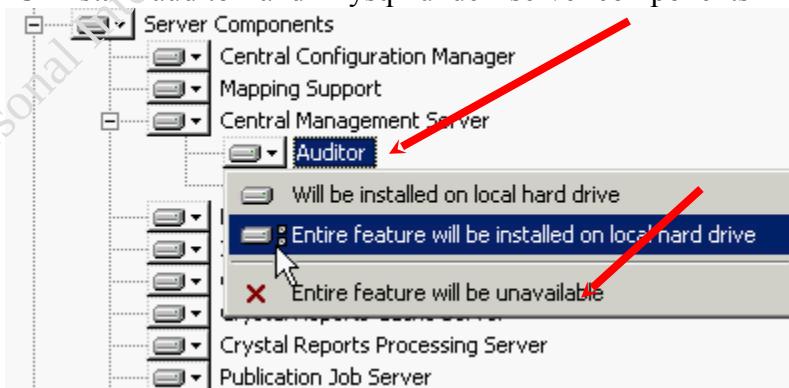
-Uninstall 'database access', but keep 'microsoft' and 'genericodbc'

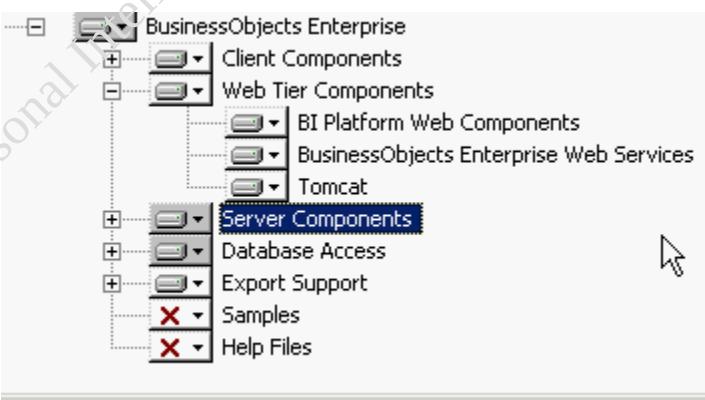
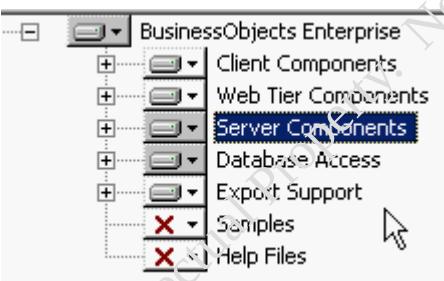
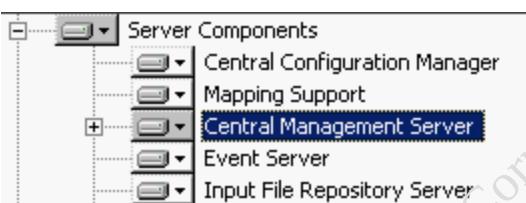
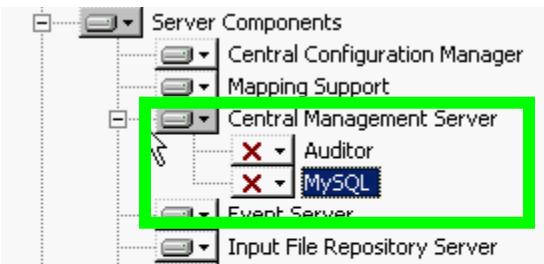
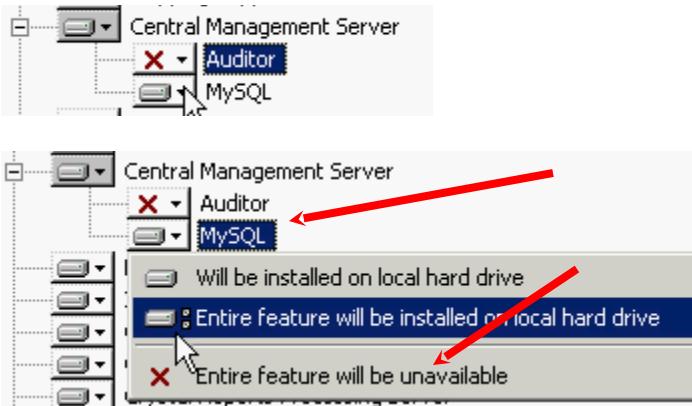


©Kim Tran

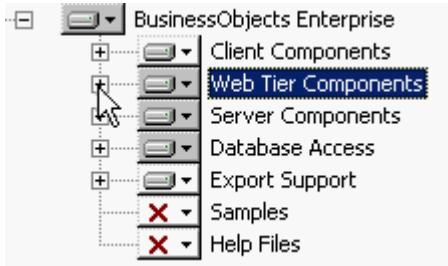
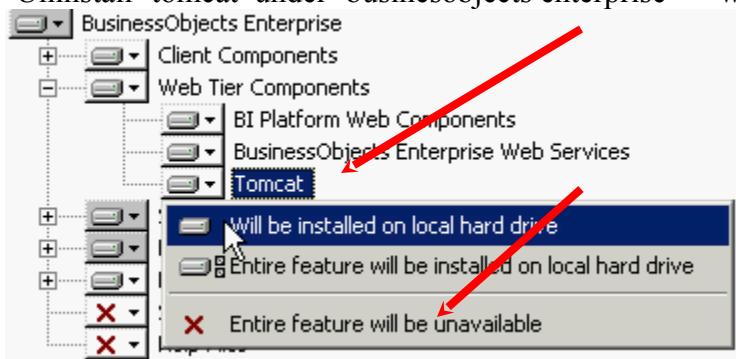


-Uninstall 'auditor' and 'mysql' under 'server components > 'central management server'

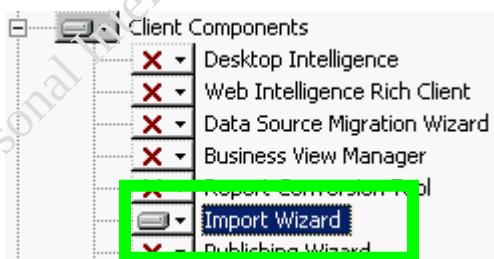
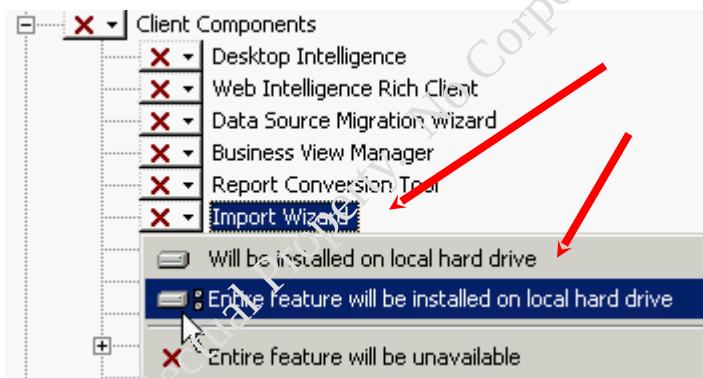
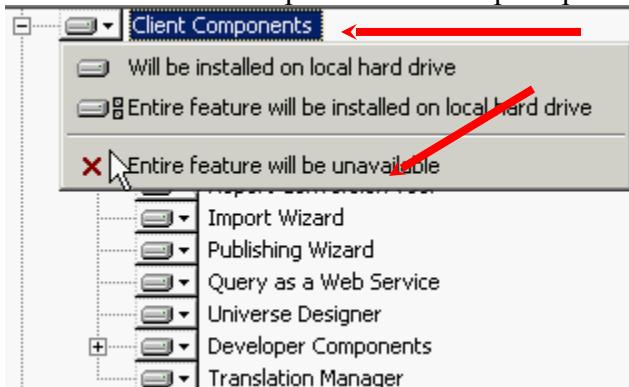


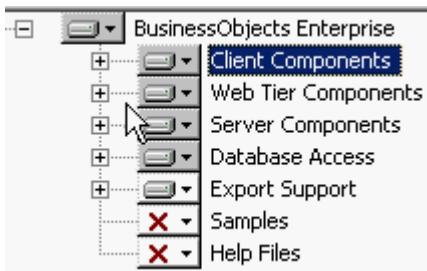
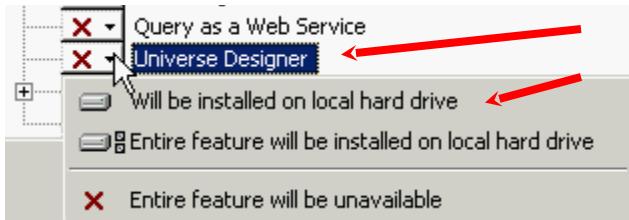


-Uninstall 'tomcat' under 'businessobjects enterprise' > 'web tier components'

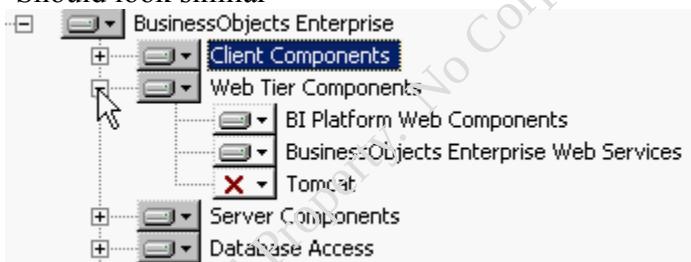


-Uninstall 'client components' but keep 'import wizard' and 'universe designer'

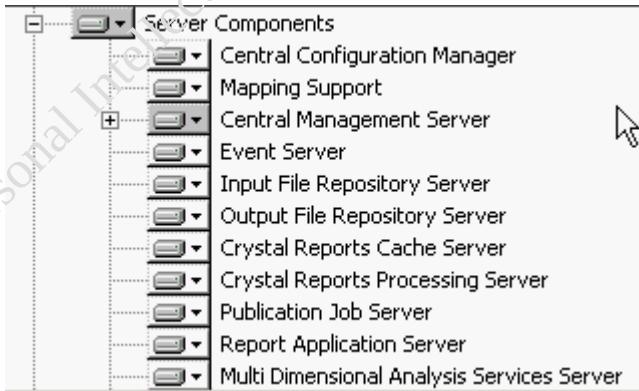




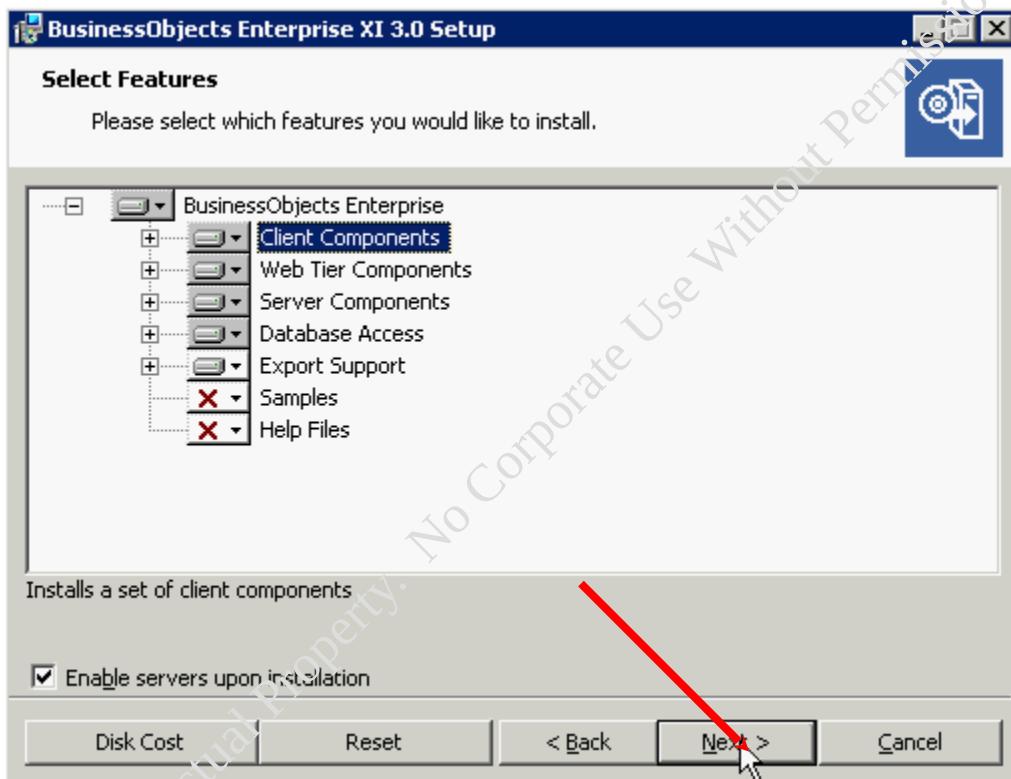
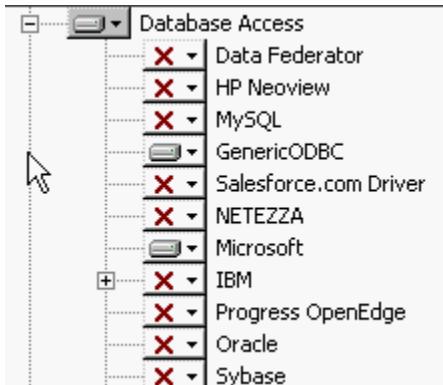
-Should look similar



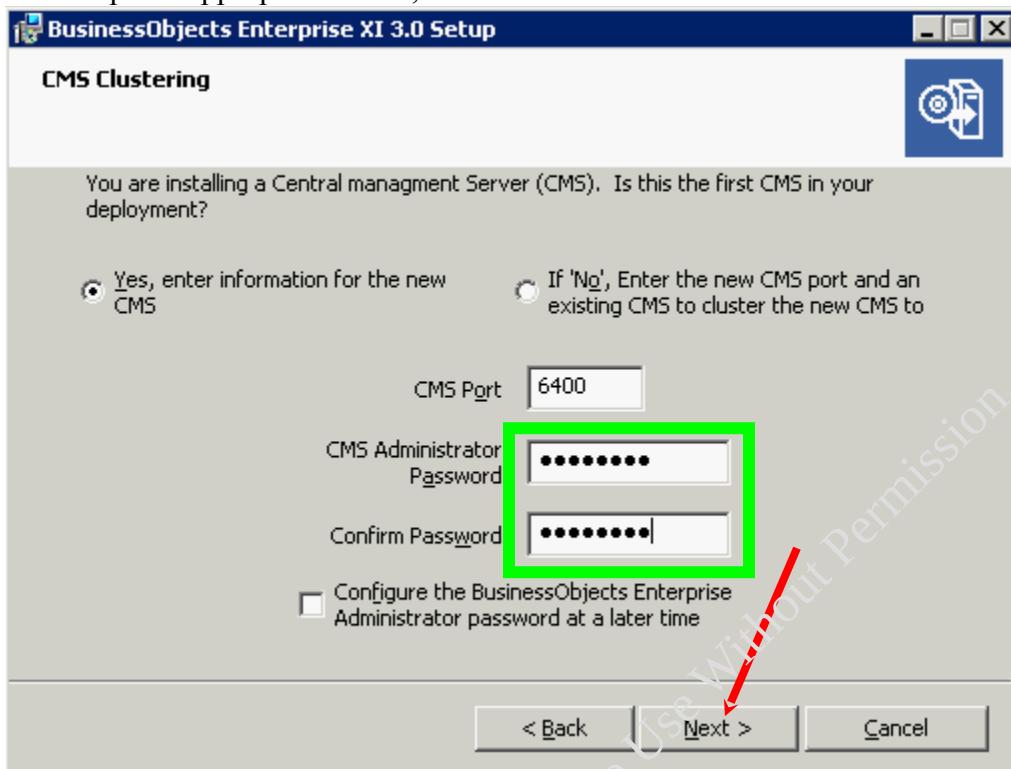
-Should look similar



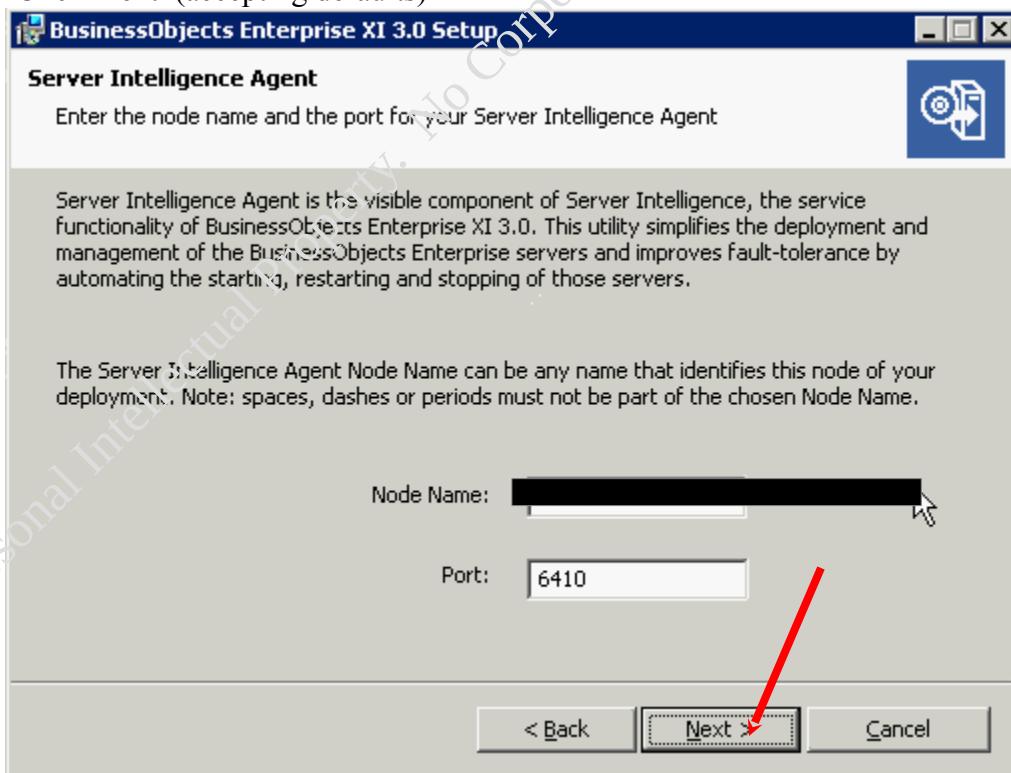
-Should look similar



-Enter/update appropriate fields, click 'next'



-Click 'next' (accepting defaults)

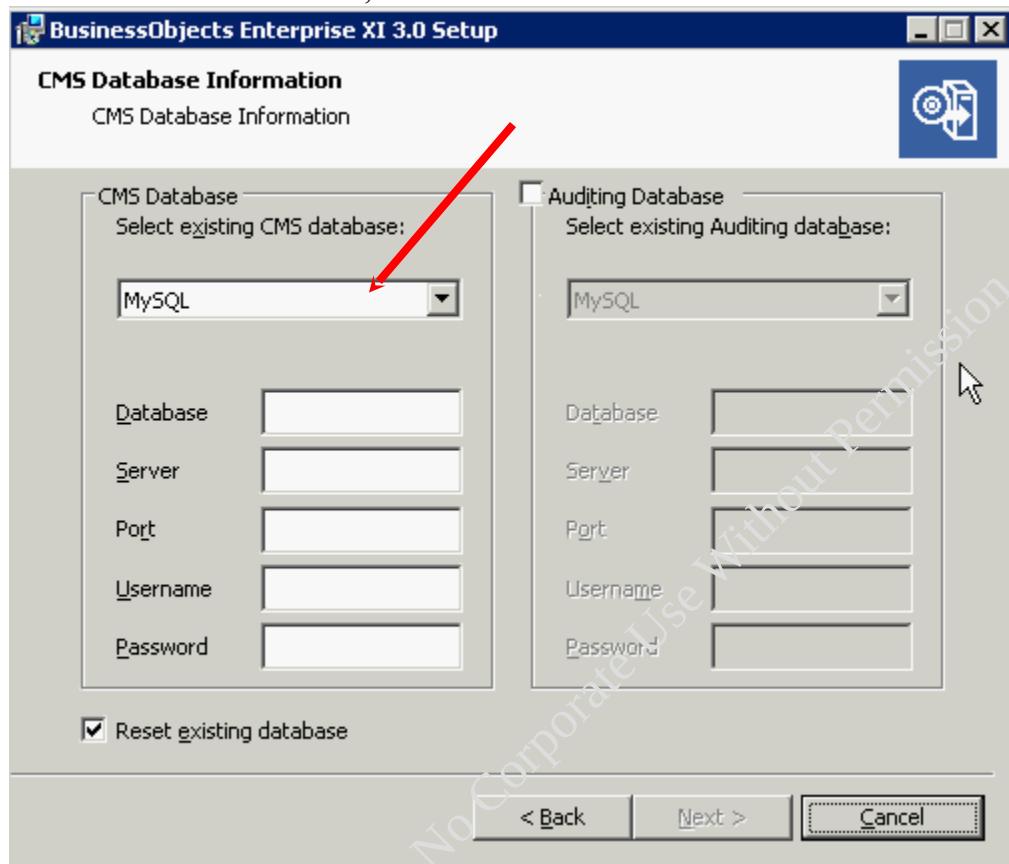


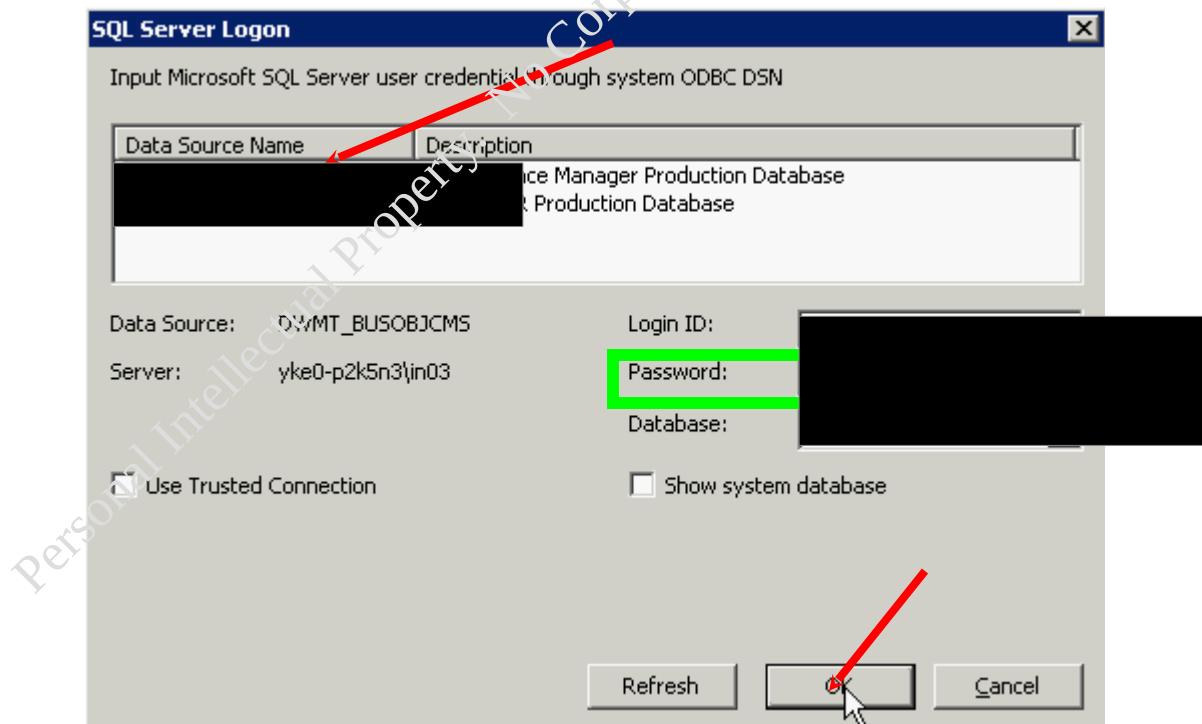
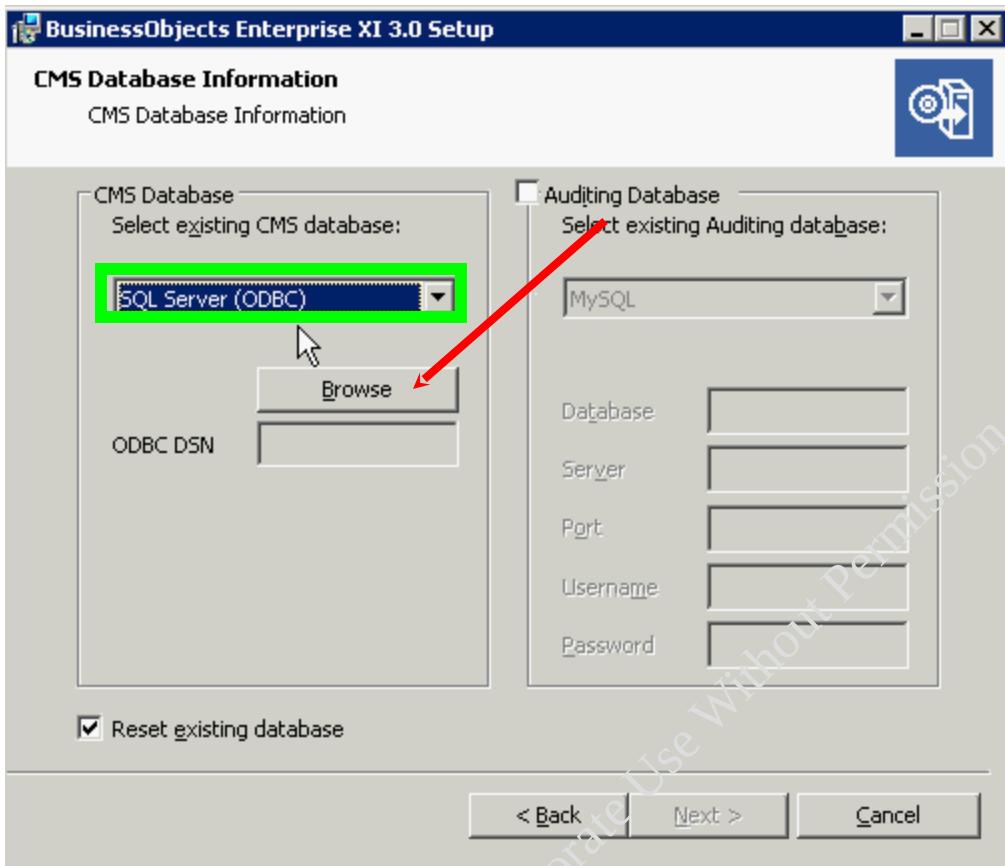
-Edit/update appropriate fields, in this example: sql server (odbc)

-Click on ‘browse’, select the appropriate data source

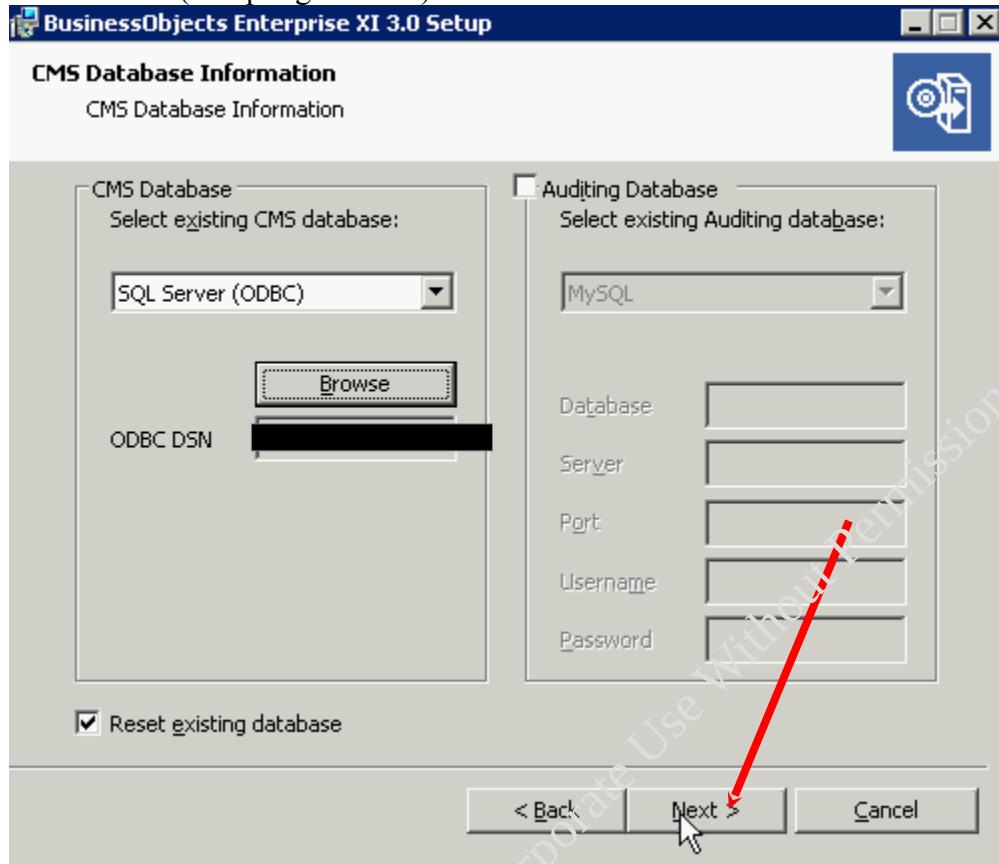
-In this example: dwmt_busobjcms

-Enter in credentials, click ‘ok’

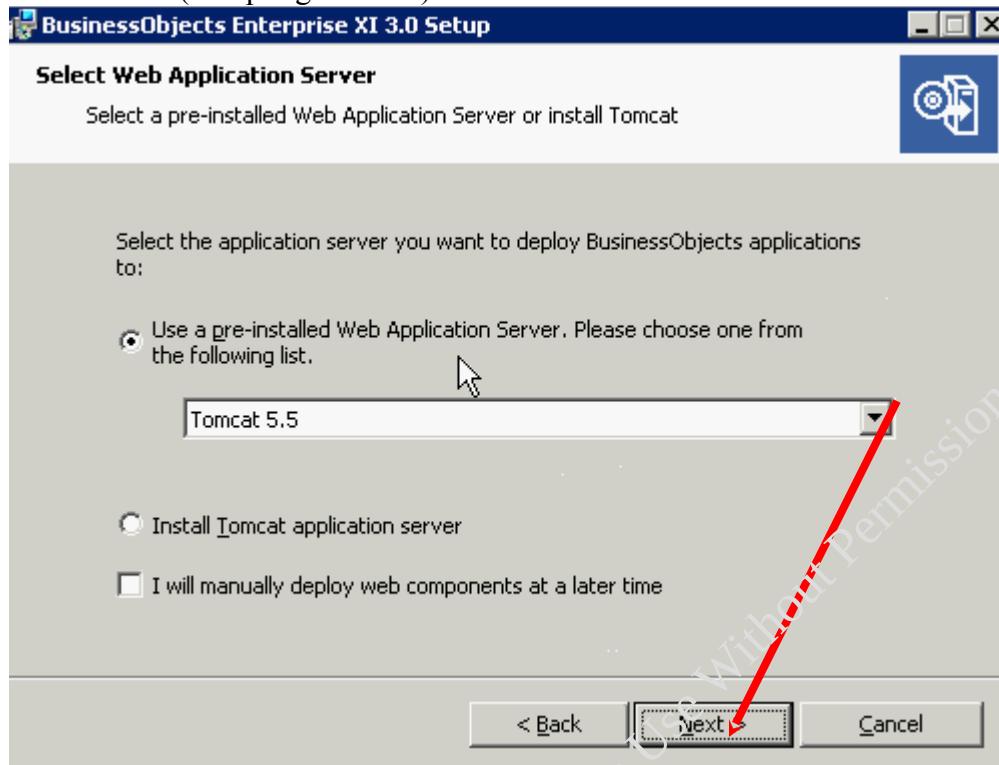




-Click 'next' (accepting defaults)



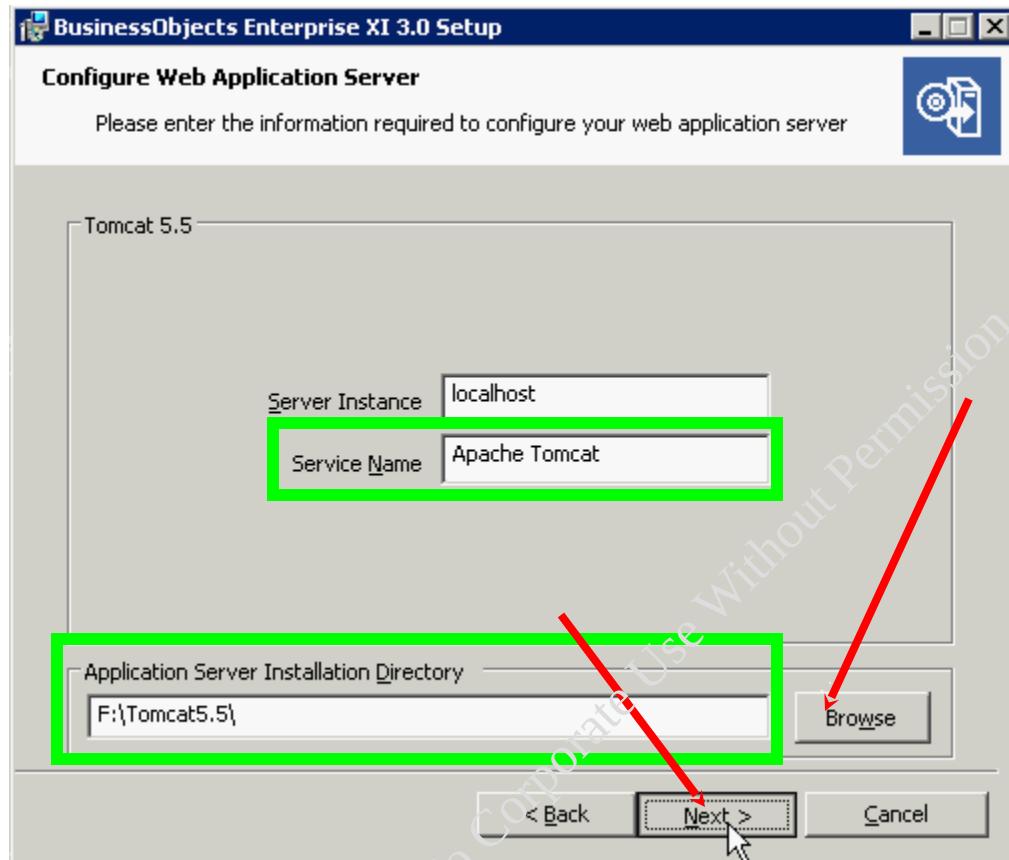
-Click 'next' (accepting defaults)



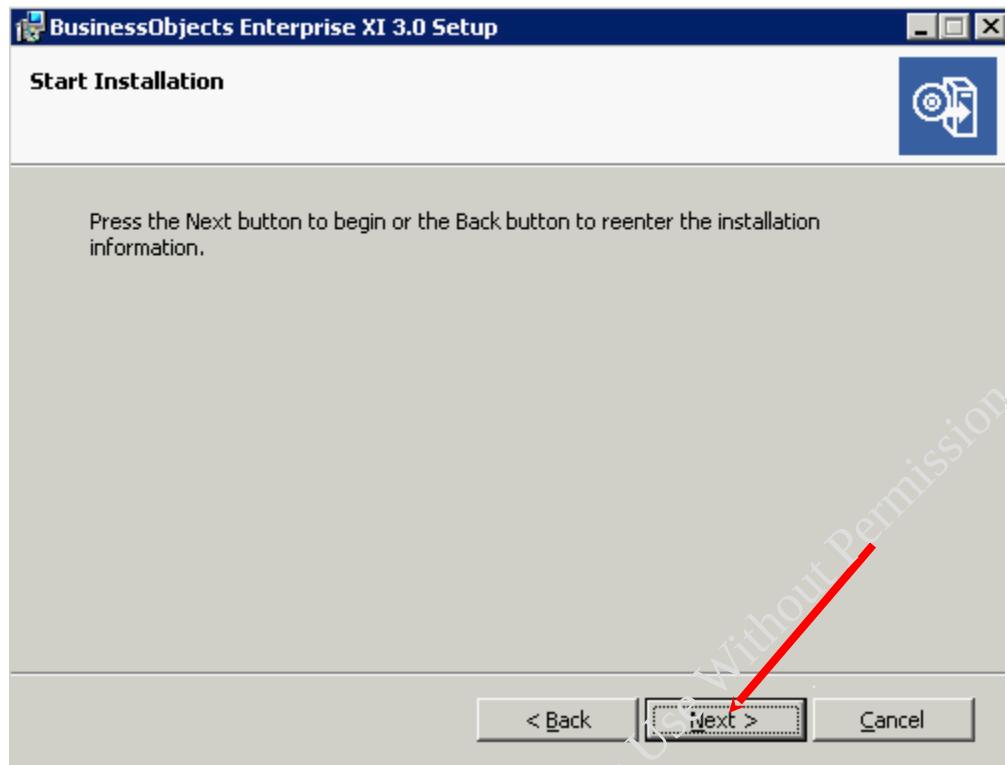
-Edit/update the appropriate fields, click ‘browse’ navigate to the appropriate directory

-In this example: f:\tomcat5.5

-Click ‘next’



-Click ‘next’



-The application should be starting to install





-When done, close applications/windows and log off

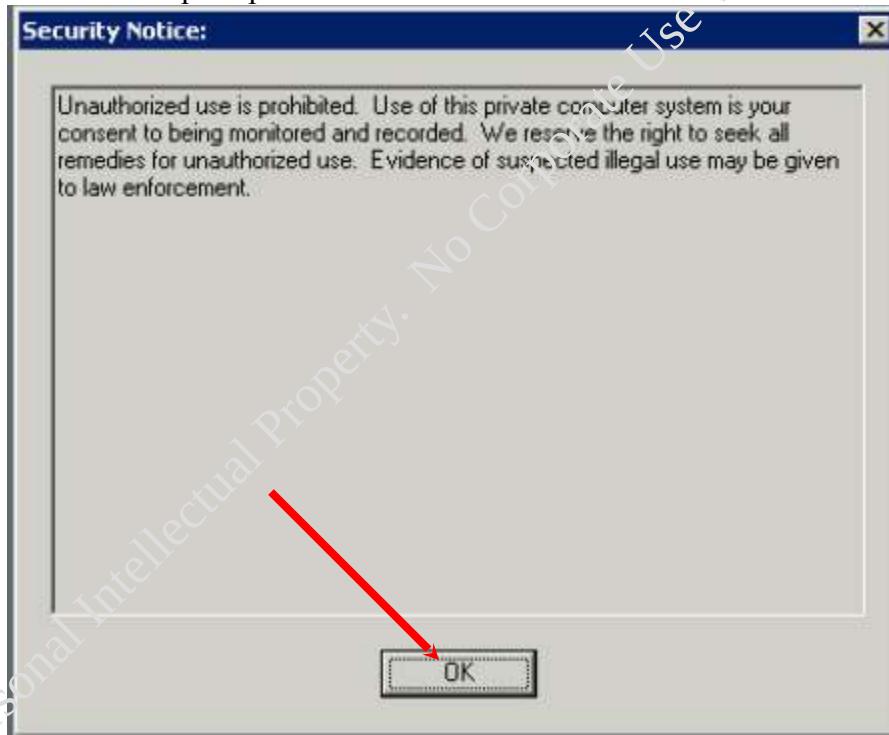
FRS-Frontier – 07 – copying files to appropriate folders

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



-Enter credentials to log in



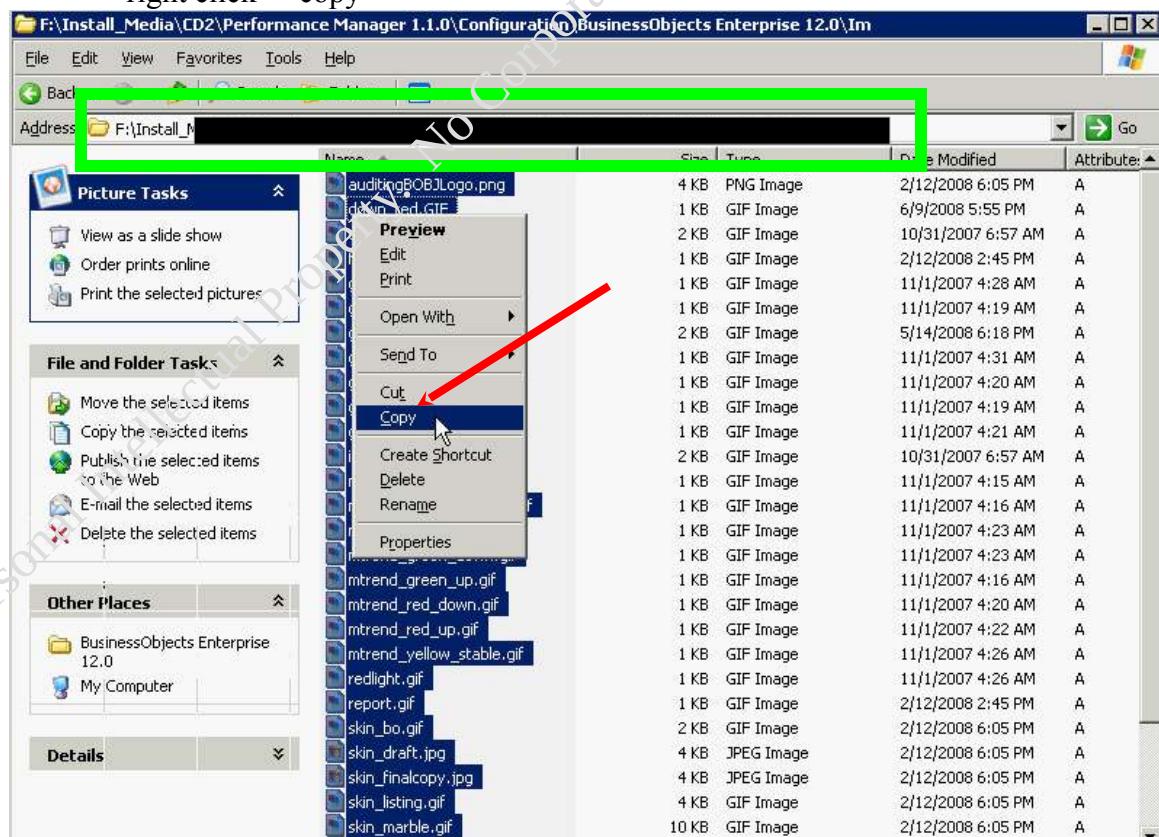
-Navigate to the appropriate directory, in this example:

-f:\install_media\cd2\performance manager 1.1.0\configuration\
businessobjects enterprise 12.0\images

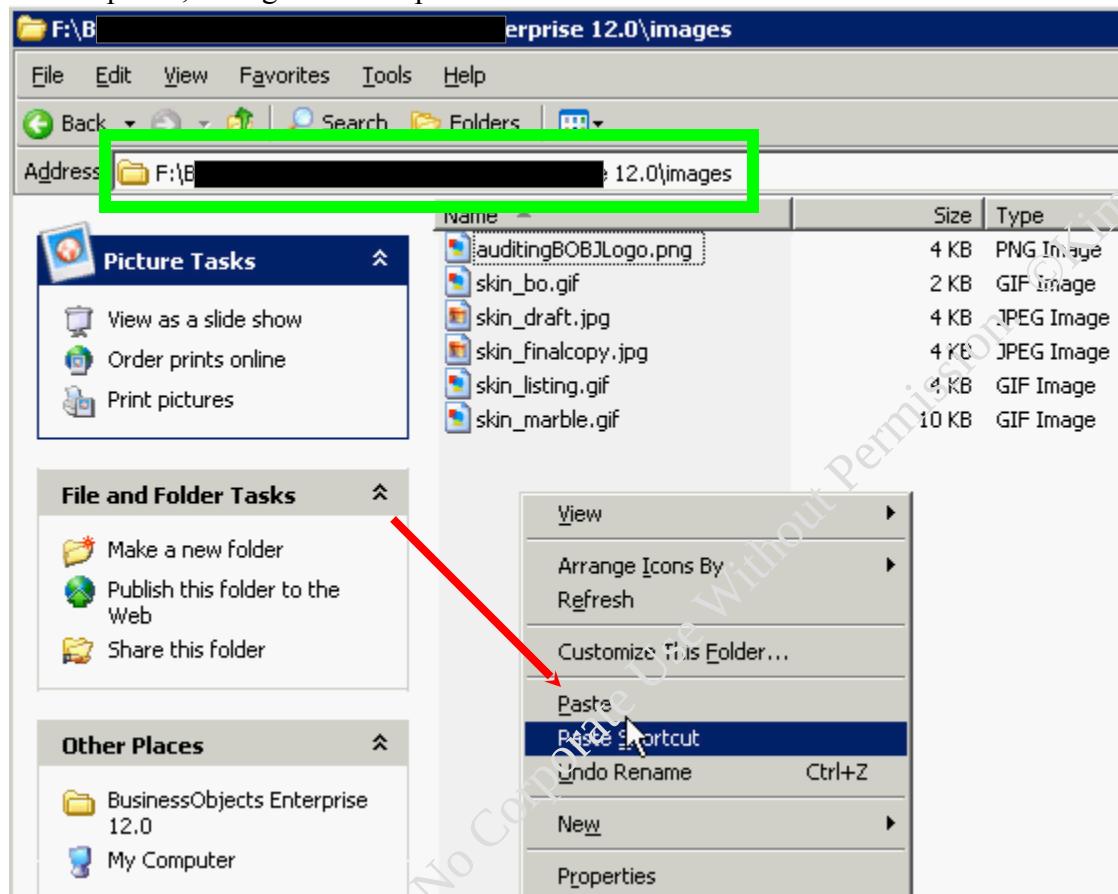
-Copy all the pictures

-Edit > select all

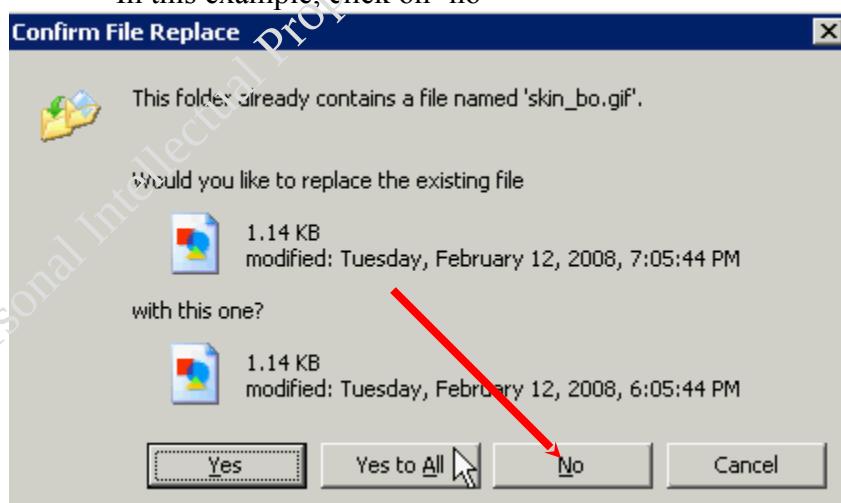
-‘right click’ > copy



- Navigate to the appropriate directory, in this example:
-f:\[REDACTED]\BusinessObjects Enterprise 12.0\images
- Edit > paste ; or 'right click' > paste



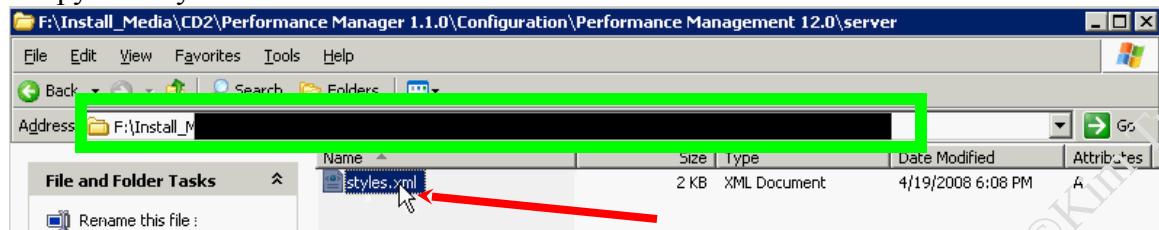
- You may be prompted to replace the file if the file name exists
- In this example, click on 'no'



-Navigate to the appropriate directory, in this example:

-f:\[REDACTED]\configurations\performance management 12.0\server\conf

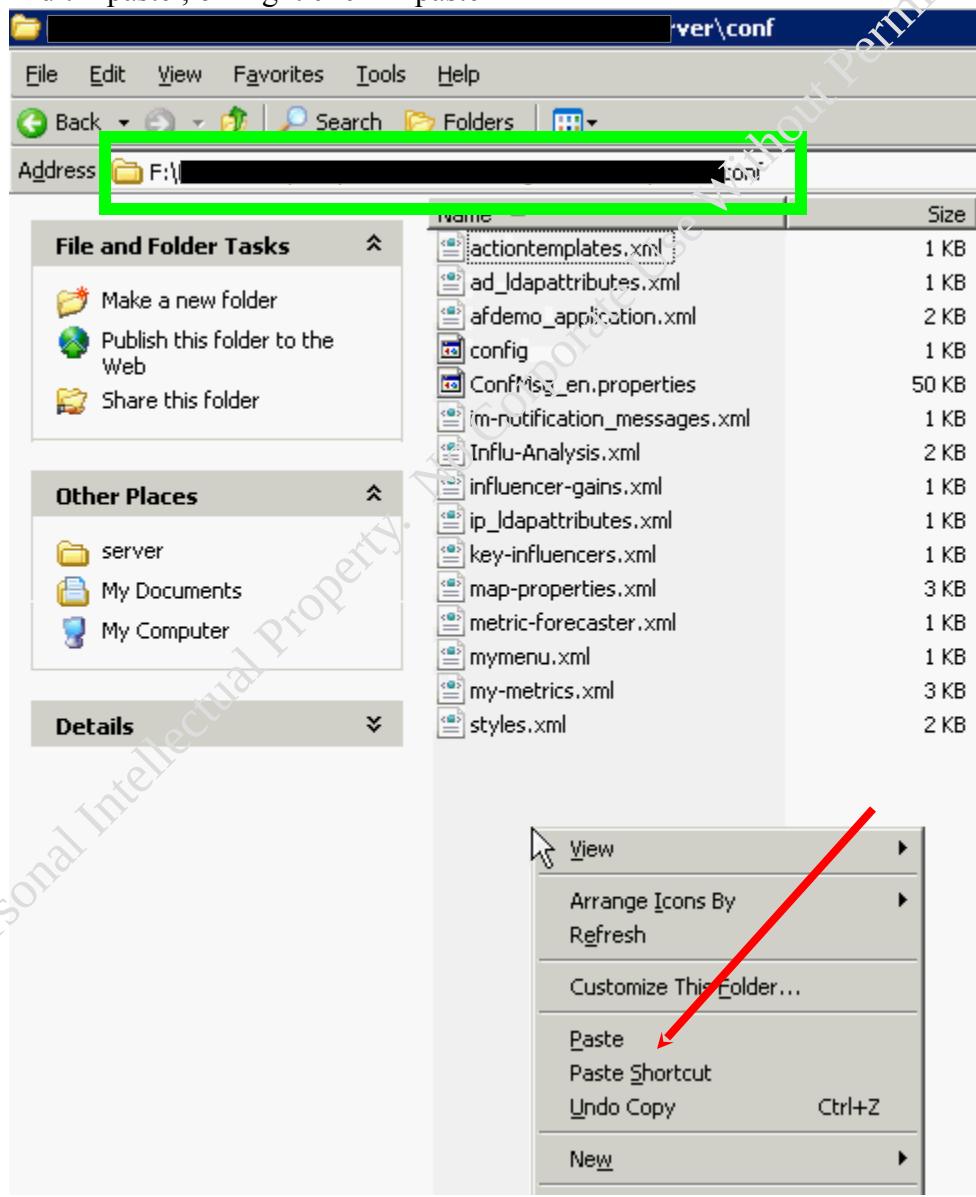
-Copy the 'styles.xml' file



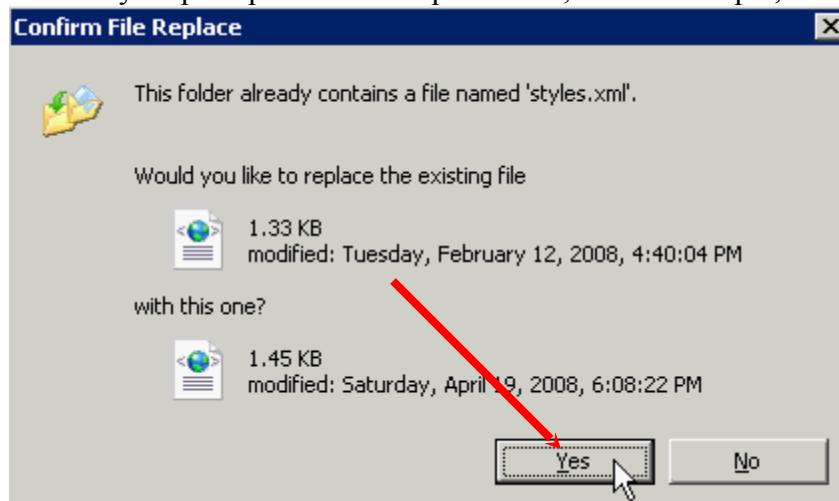
-Navigate to the appropriate directory, in this example:

-f:\businessobjects\performance management 12.0\server\conf

-Edit > paste ; or 'right click' > paste



-You may be prompted for file replacement, in this example, click 'yes'

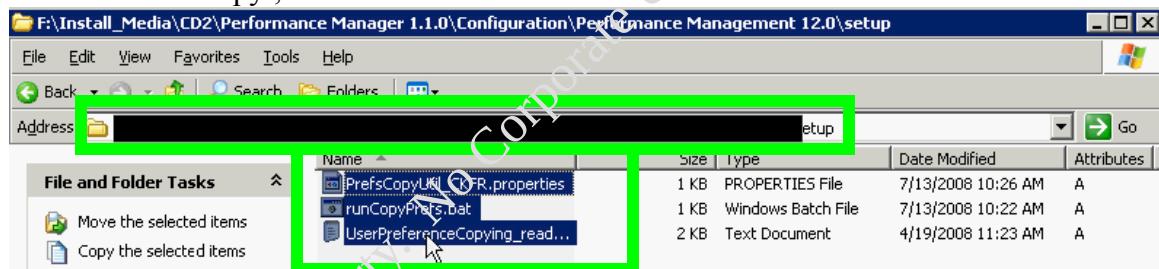


-Navigate to the appropriate directory, in this example:

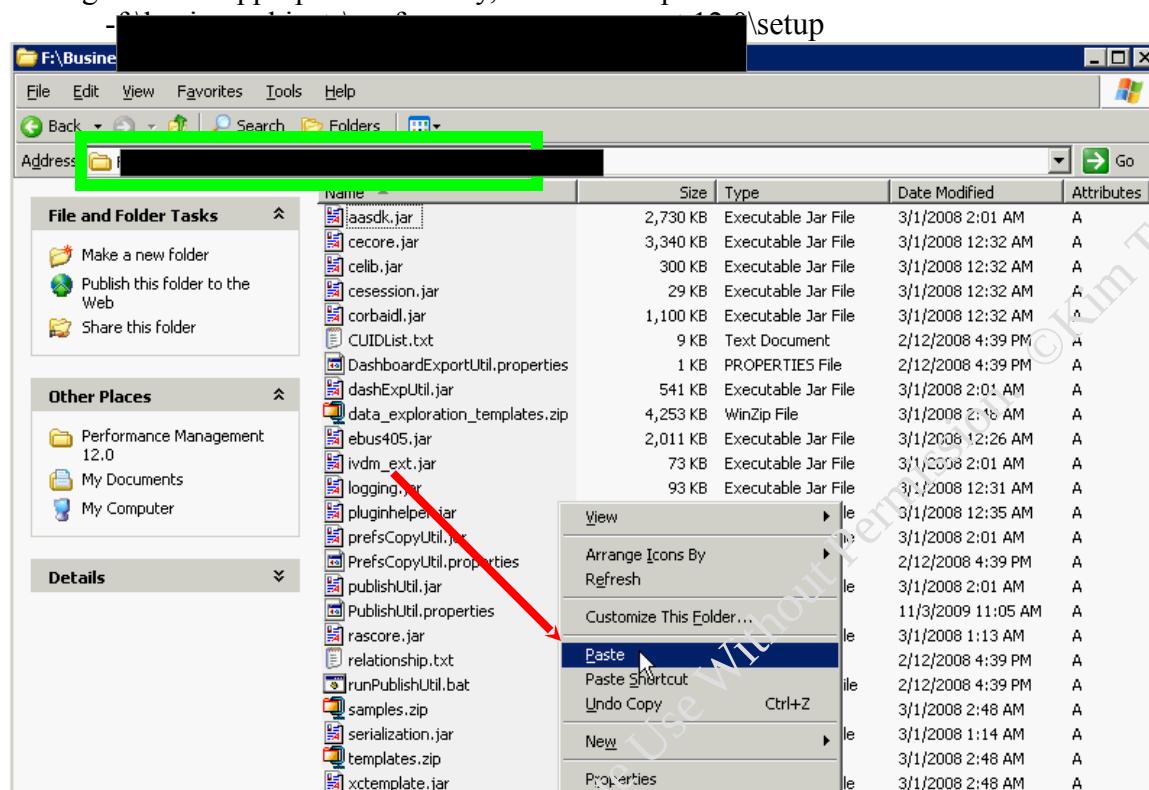
[REDACTED] \Configuration\Performance Management 12.0 setup

-Copy all (3) files in the directory

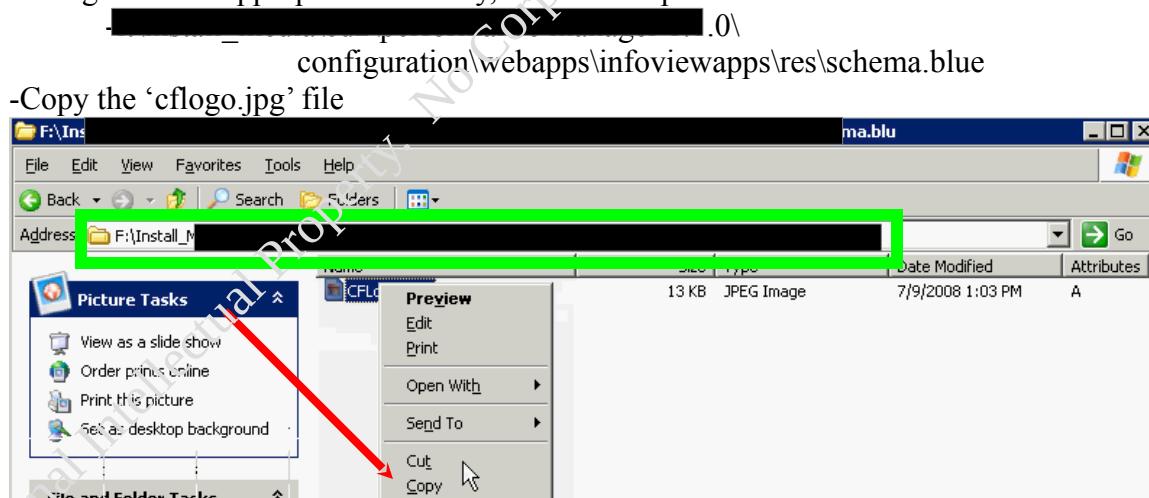
- Select all the files (edit > select all)
- Edit > copy ; or 'ctrl c'



-Navigate to the appropriate directory, in this example:



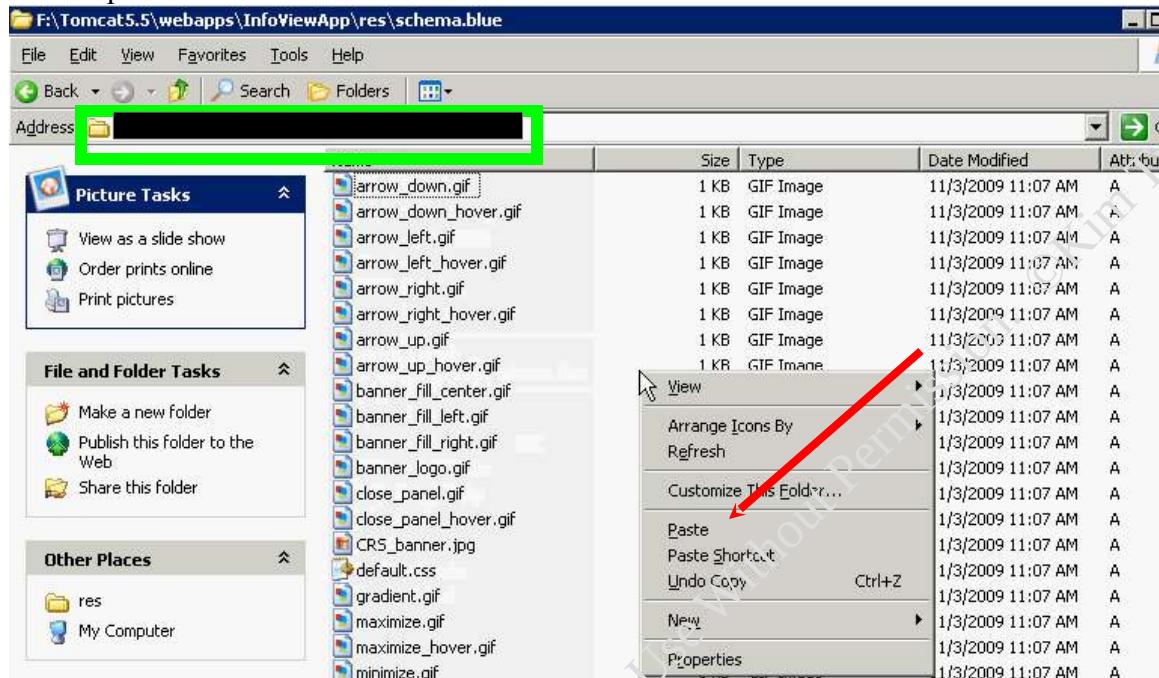
-Navigate to the appropriate directory, in this example:



-Navigate to the appropriate directory, in this example:

[REDACTED]\blue

-Edit > paste

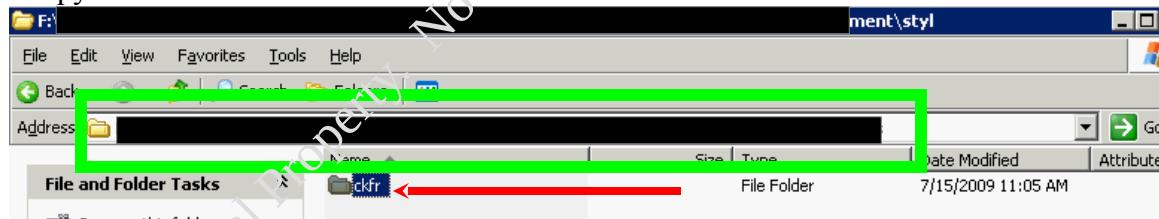


-Navigate to the appropriate directory, in this example:

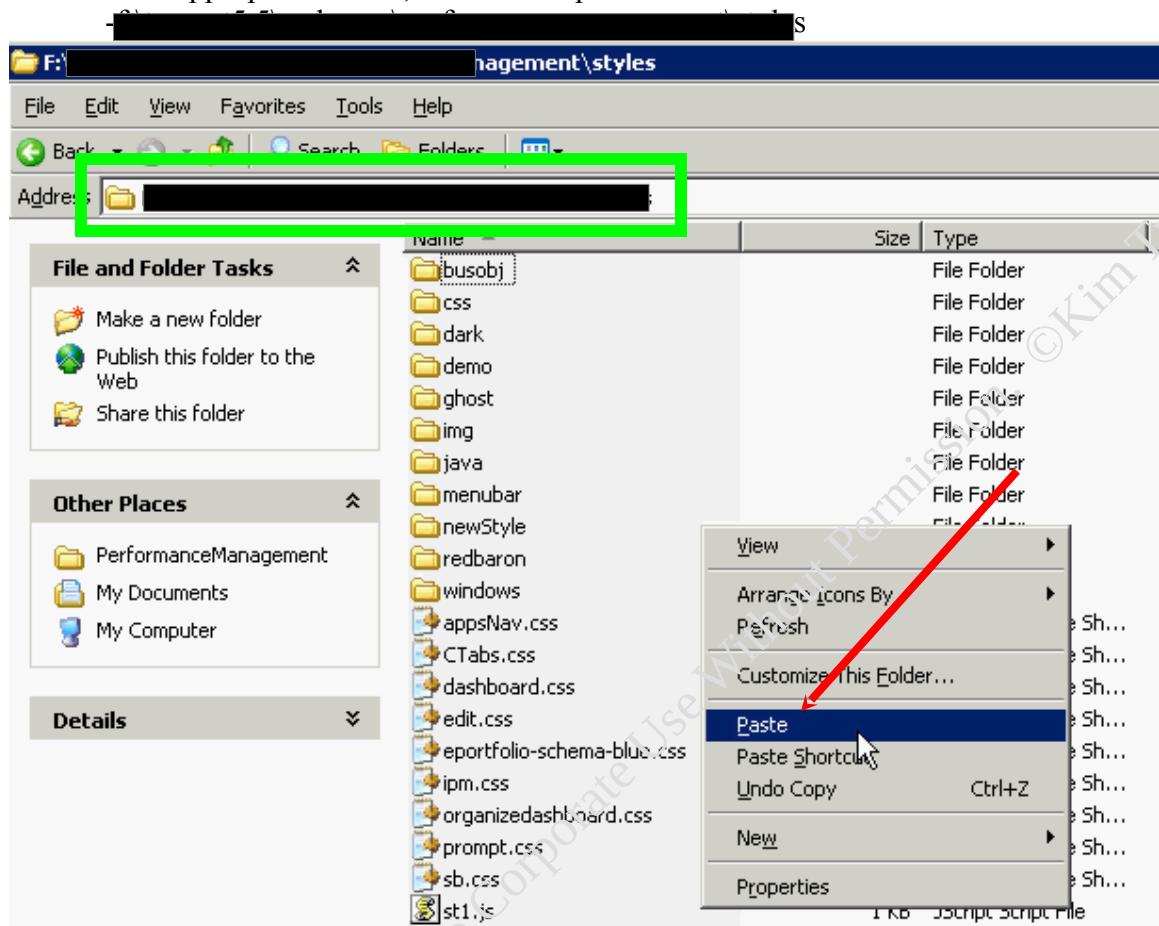
[REDACTED]\configuration\10\

configuration\webapps\performancemanagement\stytes

-Copy the 'ckfr' folder



-Paste to the appropriate folder, in this example:

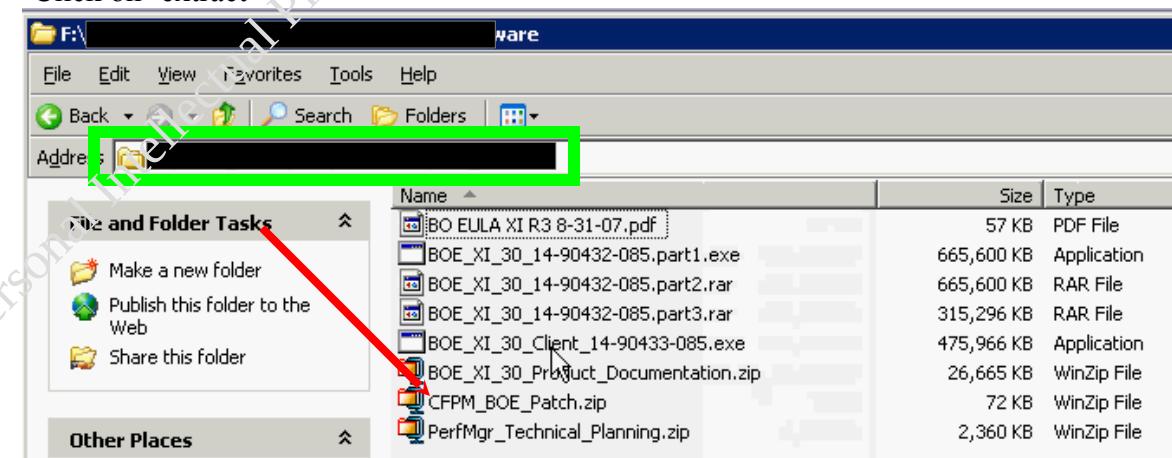


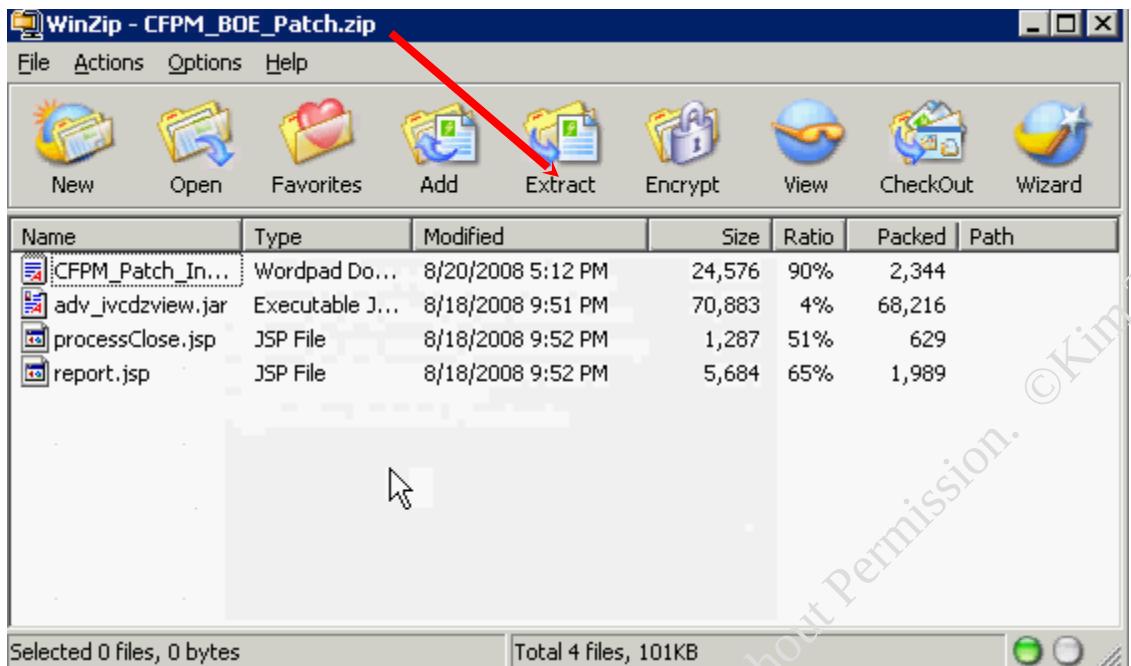
-Navigate to the appropriate folder, in this example:

-[REDACTED]\objects_software

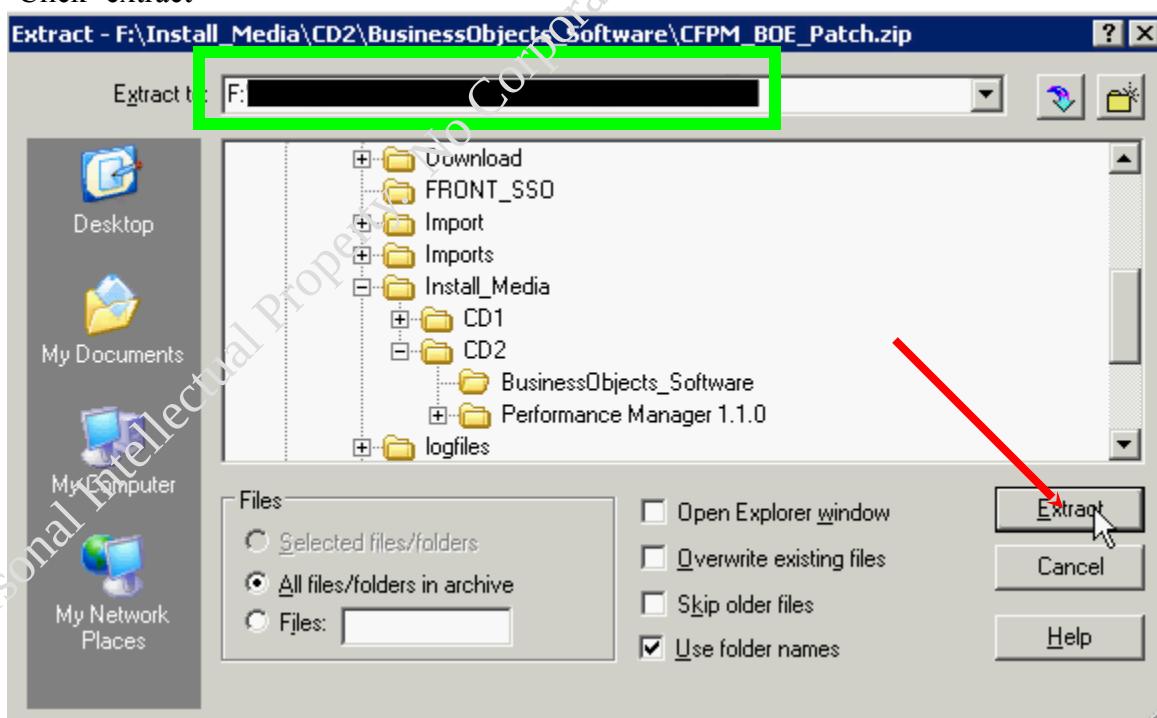
-Open the 'cfpm_boe_patch.zip' file

-Click on 'extract'



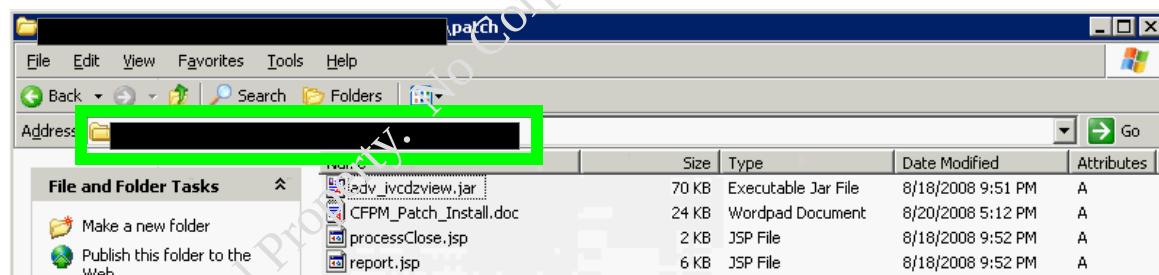
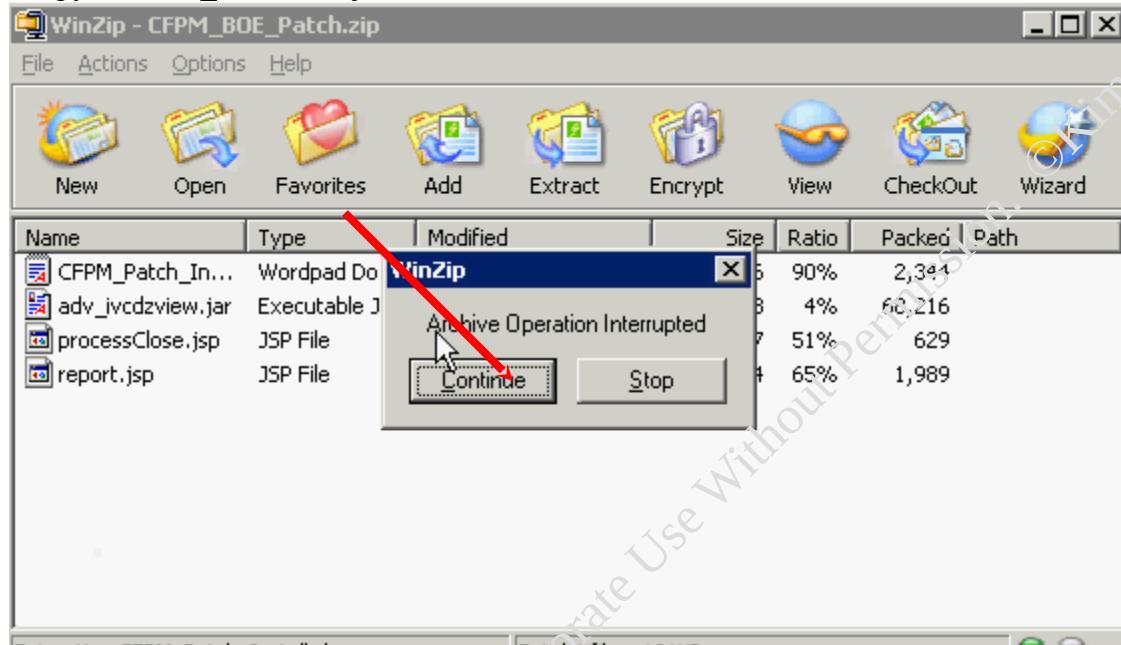


-Extract the files by navigating to the appropriate directory, in this example:



- You might get an ‘archive operation interrupted’ prompt
- Click ‘continue’ if prompted
- Close out of winzip
- Navigate to the extracted (created) folder, in this example:

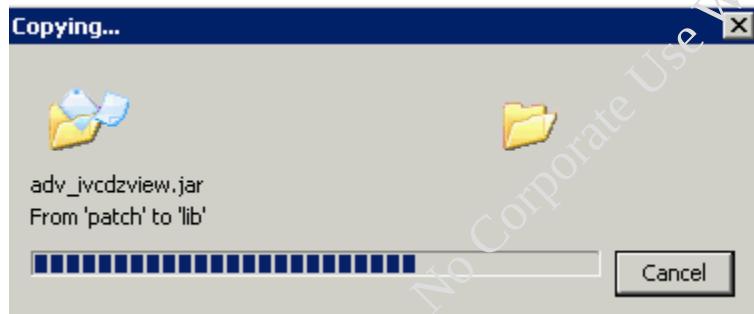
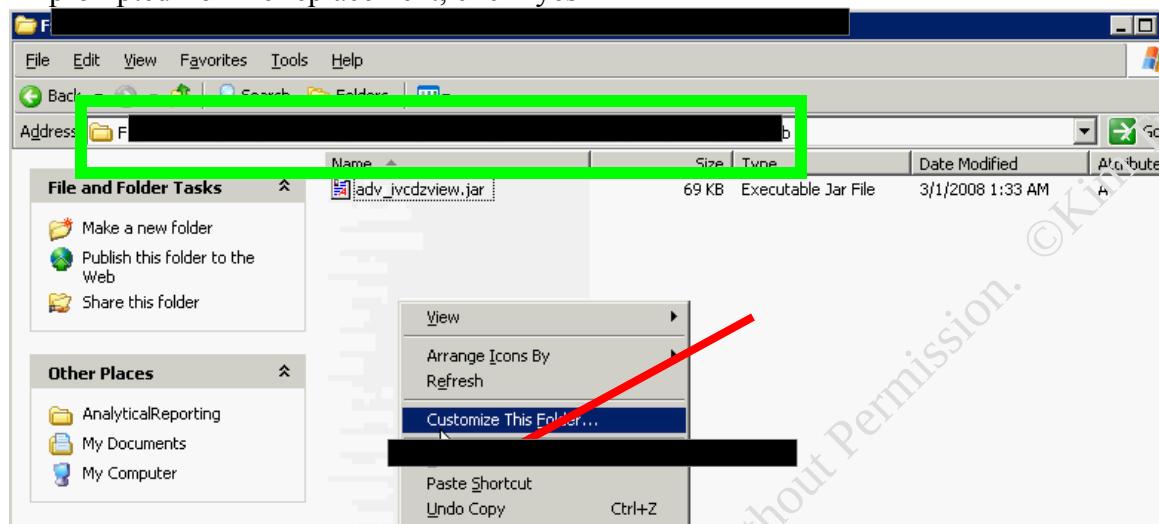
-Copy the ‘adv_ivcdzview.jar’ file



-Paste the file into the appropriate directory, in this example:

analyticalreporting\lib

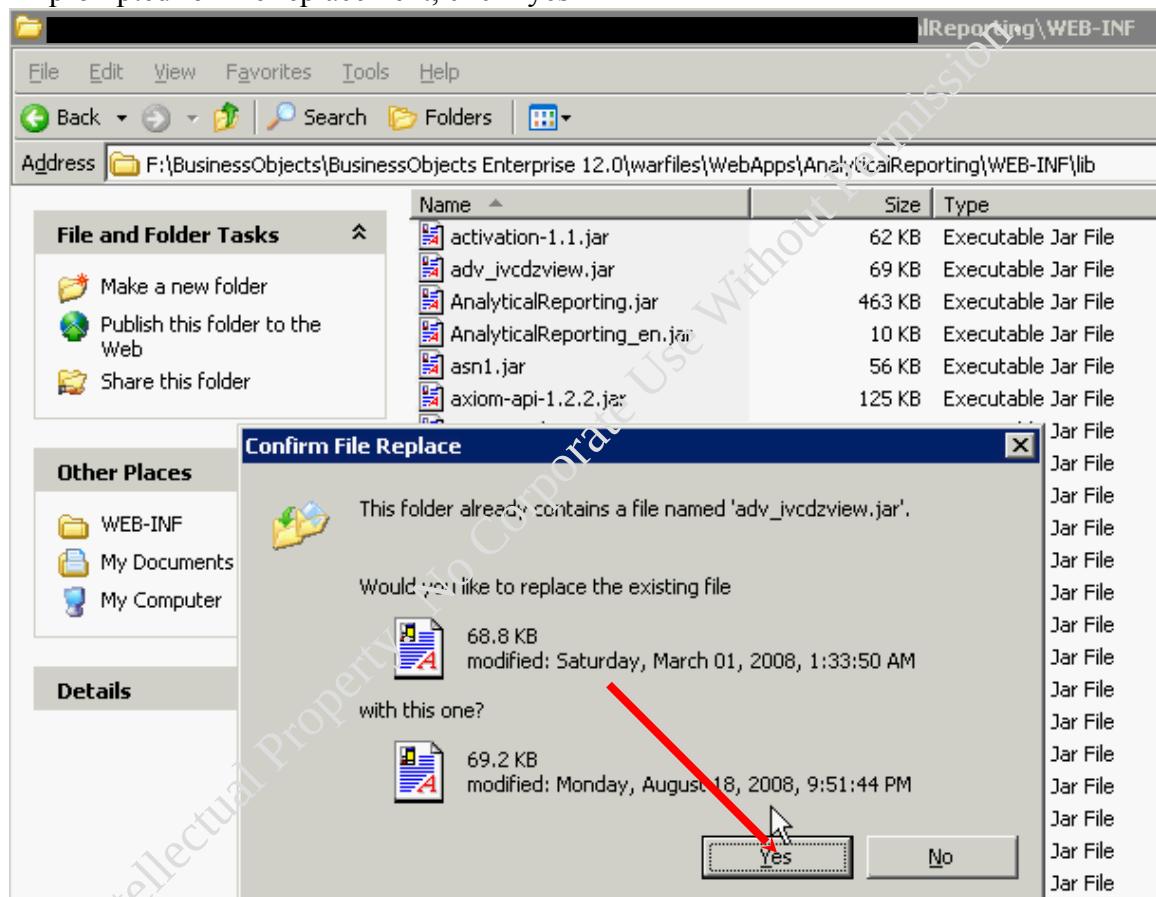
-If prompted for file replacement, click 'yes'



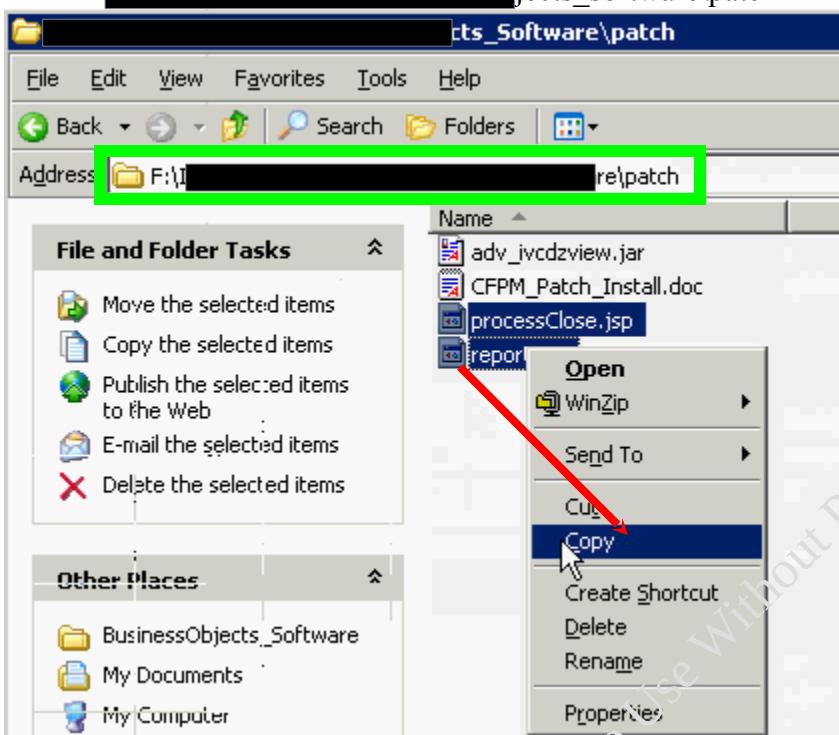
-Also paste the file to the following directories:



-If prompted for file replacement, click 'yes'



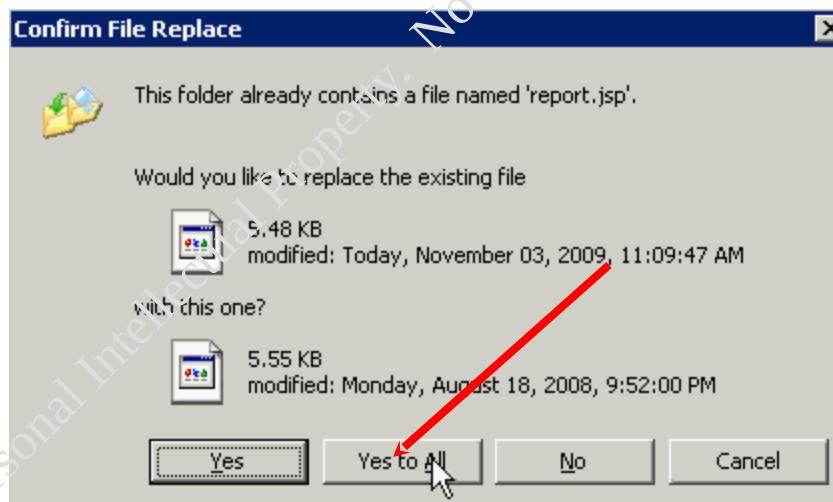
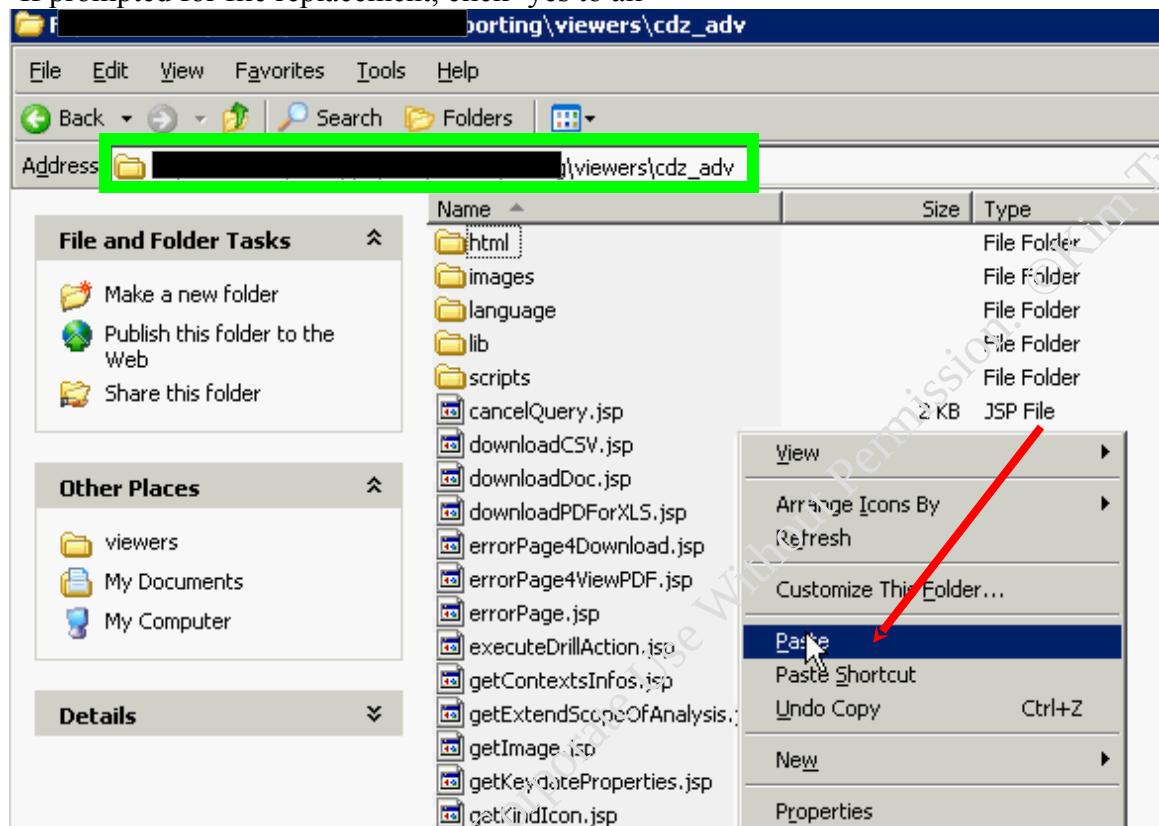
Copy the ‘processclose.jsp’ and the ‘report.jsp’ from the patch directory:
[REDACTED]\BusinessObjects\Software\Objects\Software\patch



-Paste the files to the following directory:

- [REDACTED] reporting\viewers\cdz_adv

-If prompted for file replacement, click 'yes to all'



-When done, close applications/windows, then log off

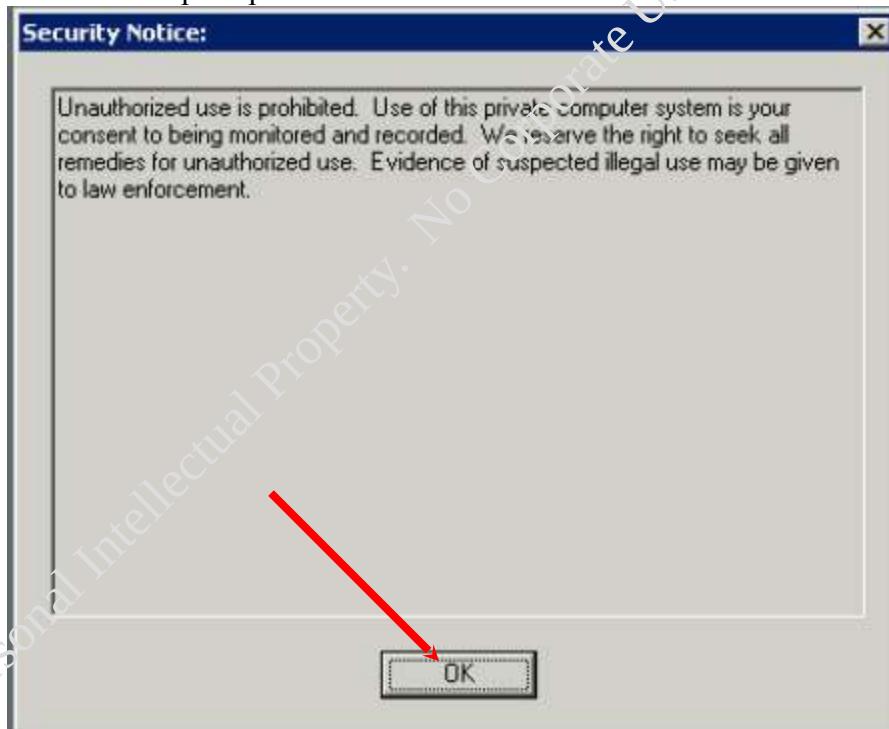
FRS-Frontier – 08 – editing tomcat files and restarting services

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

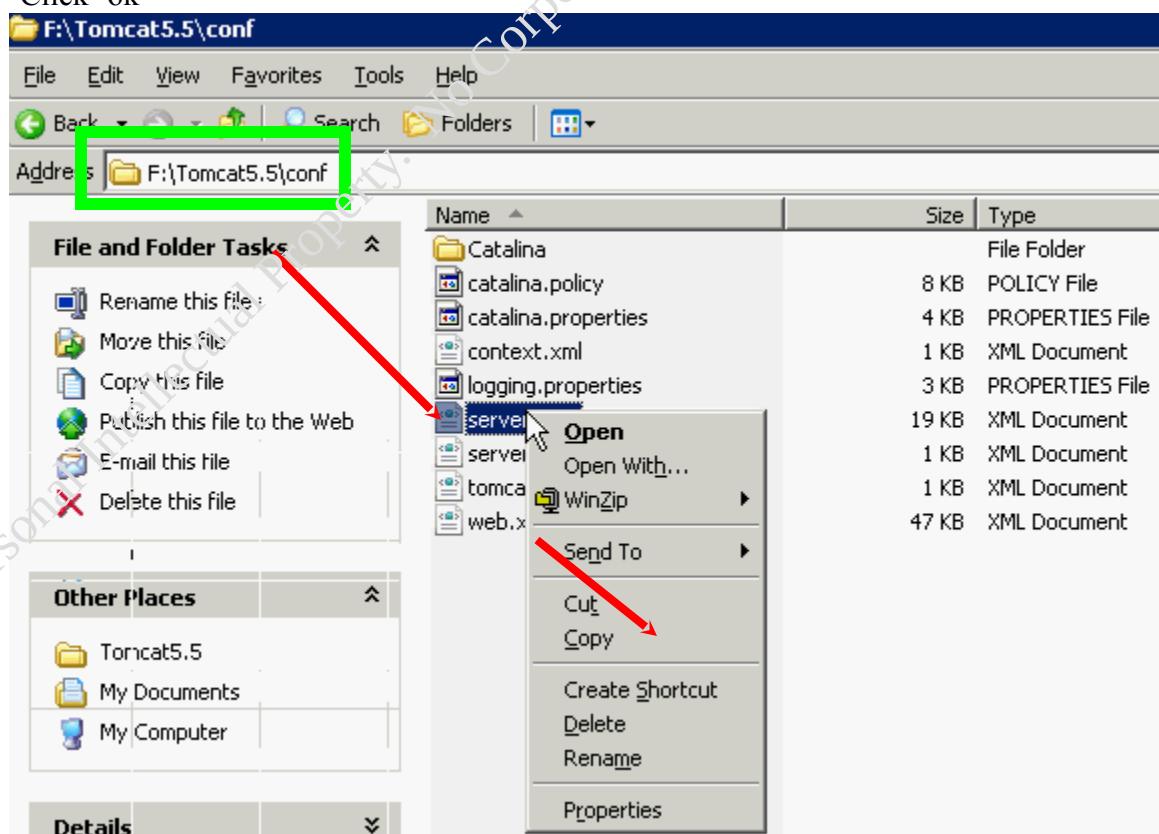


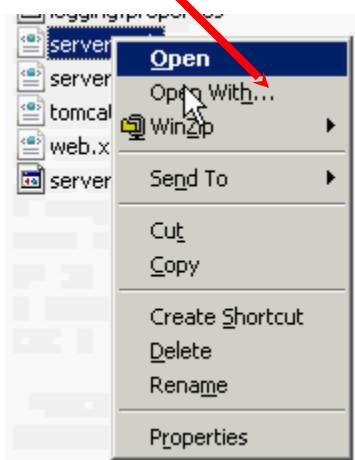
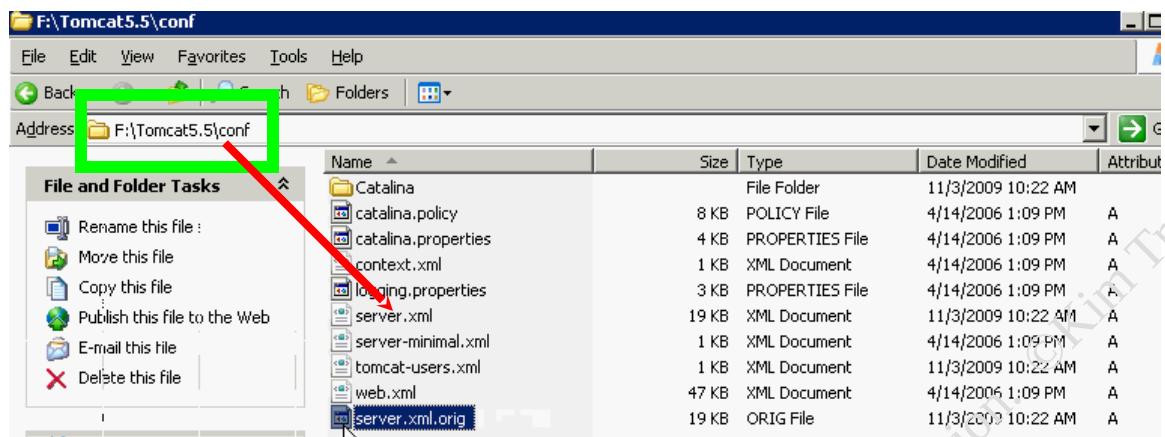
-Enter credentials to log in

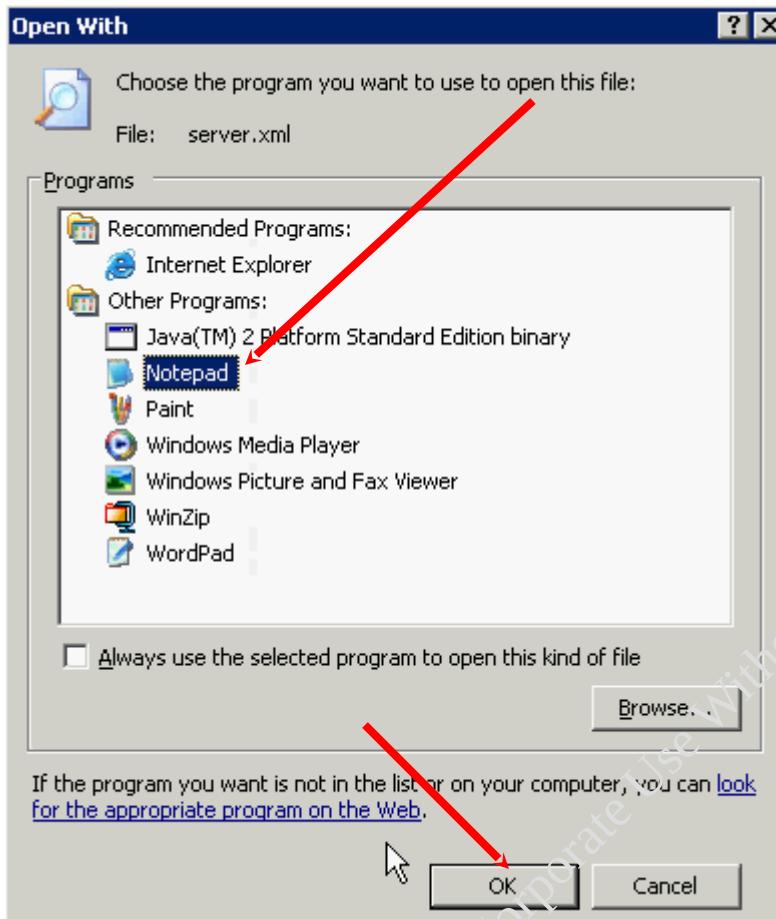


-Navigate to the appropriate directory, in this example:

- f:\tomcat5.5\conf
- Copy the 'server.xml' file
- Paste it back into the same folder...renaming it...to make a backup
 - In this example: 'server.xml.orig'
- Right click on the original 'server.xml' file, go to 'open with', choose 'notepad'
- Click 'ok'





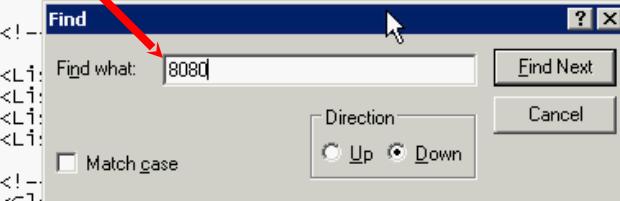


-When the file opens, go to: edit > find

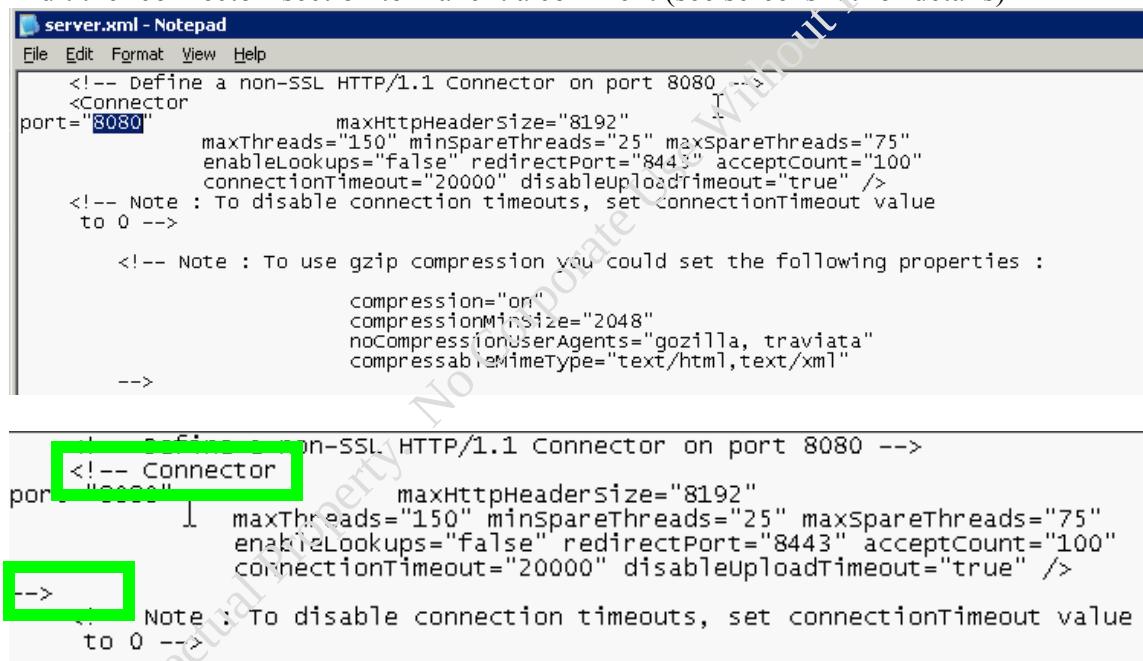
The screenshot shows the Notepad window with the file 'server.xml' open. The XML content includes sections like 'Configuration File -->', 'Server Elements are nested corresponding to their relationships with each other -->', 'The Server singleton element that represents the entire JVM, in one or more "Service" instances. The Server shutdown command on the indicated port.', 'is not itself a "Container", so you may not have "Valves" or "Loggers" at this level.', 'Select All', and 'Timeouts -->'. The 'Edit' menu is open, and the 'Find' option is highlighted with a red arrow. The 'Find' dialog is visible at the bottom, showing the search term '<!--'.

-At the find prompt, type in: '8080', then click 'find next'

```
<!-- A "Server" is a singleton element that represents the entire JVM,  
which may contain one or more "Service" instances. The Server  
listens for a shutdown command on the indicated port.  
-->  
  
<Server port="8005" shutdown="SHUTDOWN">  
    <!-- Find what: 8080 -->  
    <!-- Test entry for demonstration purposes -->  
        <Environment name="simplevalue" type="java.lang.Integer" value="30"/>
```

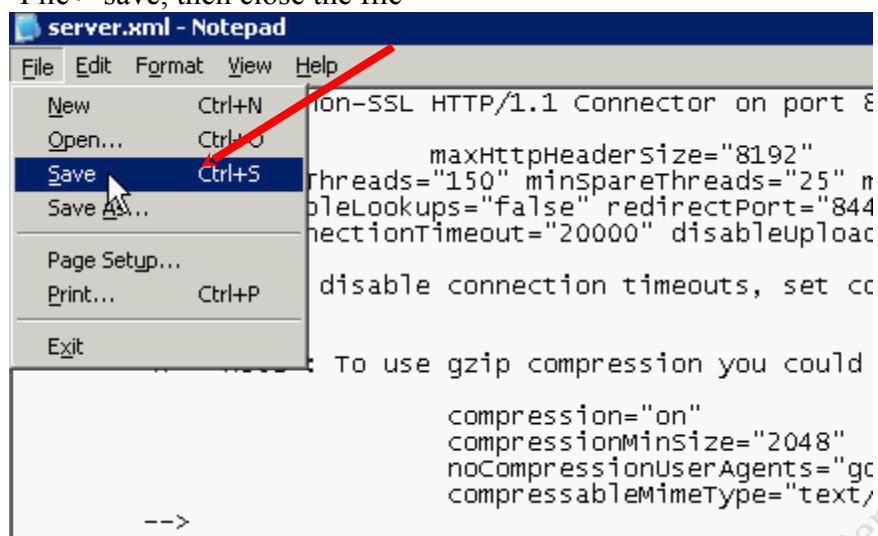


-Edit the 'connector' section to make it a comment (see screenshot for details)

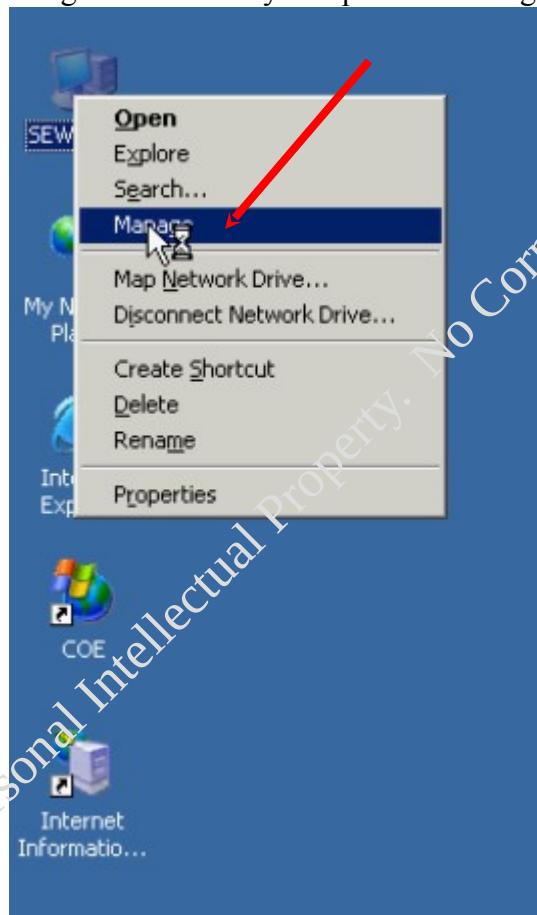


```
<!-- Define a non-SSL HTTP/1.1 Connector on port 8080 -->  
    <Connector  
        port="8080"  
            maxHttpHeaderSize="8192"  
            maxThreads="150" minSpareThreads="25" maxSpareThreads="75"  
            enableLookups="false" redirectPort="8443" acceptCount="100"  
            connectionTimeout="20000" disableUploadTimeout="true" />  
        <!-- Note : To disable connection timeouts, set connectionTimeout value  
        to 0 -->  
  
        <!-- Note : To use gzip compression you could set the following properties :  
            compression="on"  
            compressionMinSize="2048"  
            noCompressionUserAgents="gozilla, traviata"  
            compressableMimeType="text/html, text/xml"  
        -->  
  
    <!-- Define a non-SSL HTTP/1.1 Connector on port 8080 -->  
        <!-- Connector  
        port="8080"  
            maxHttpHeaderSize="8192"  
            maxThreads="150" minSpareThreads="25" maxSpareThreads="75"  
            enableLookups="false" redirectPort="8443" acceptCount="100"  
            connectionTimeout="20000" disableUploadTimeout="true" />  
        <!-- Note : To disable connection timeouts, set connectionTimeout value  
        to 0 -->
```

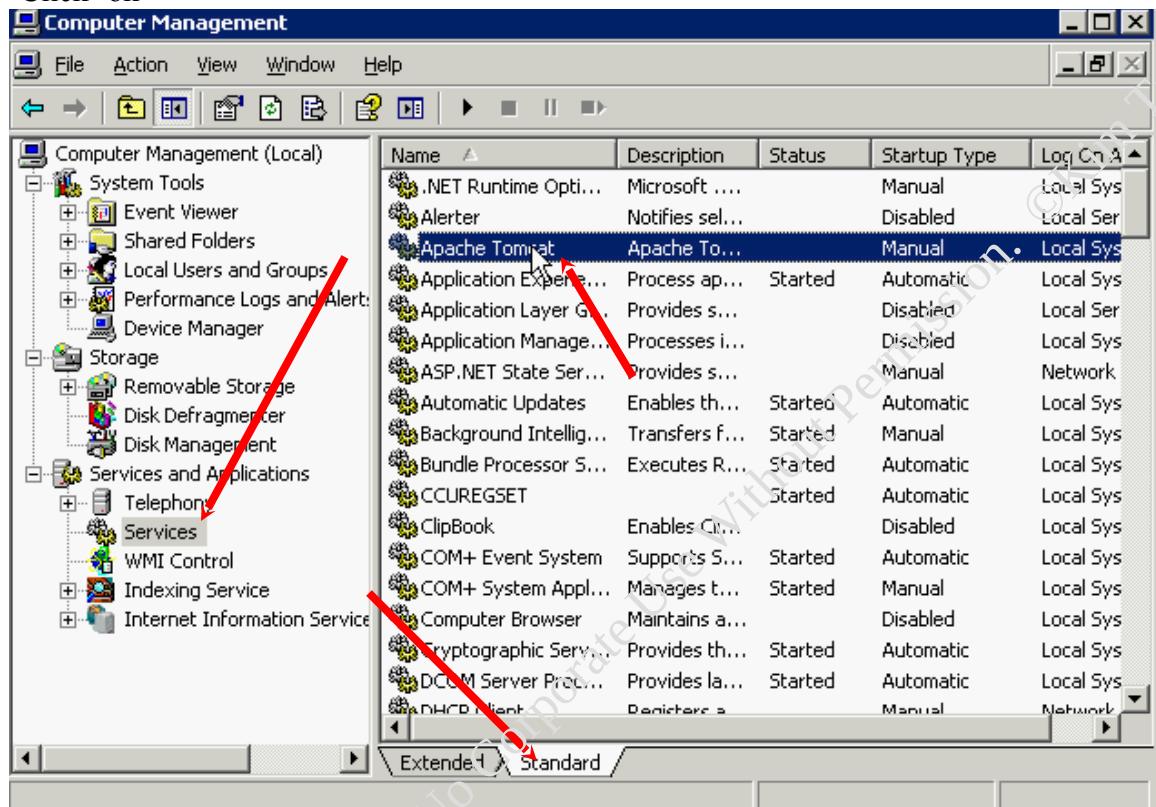
-File > save, then close the file

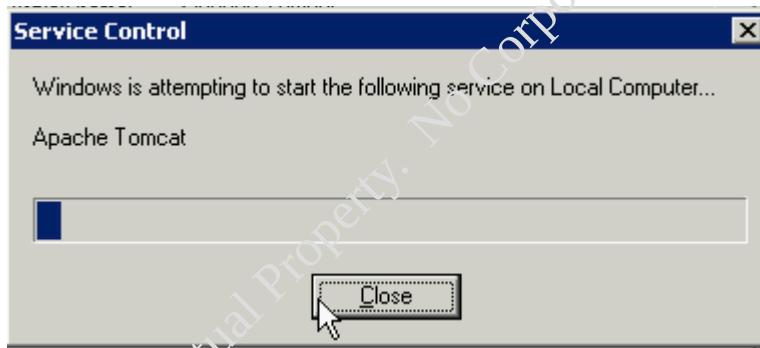
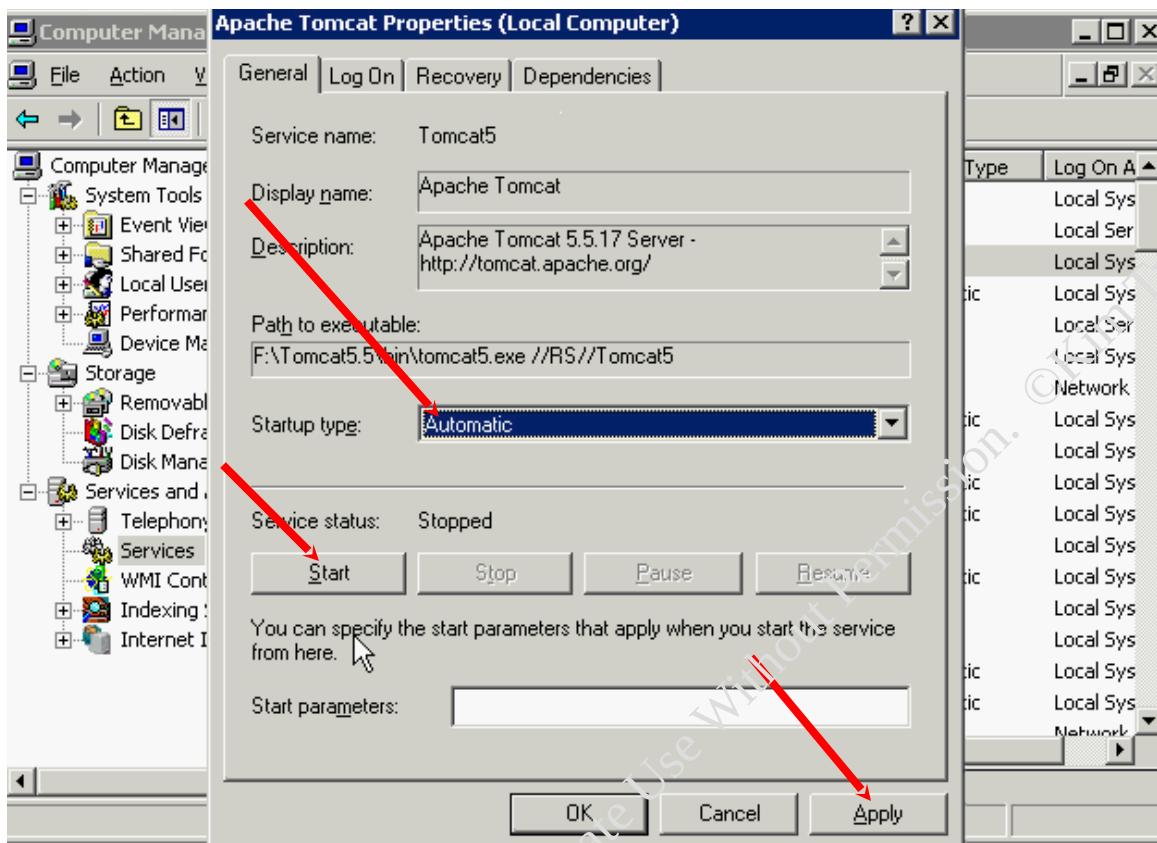


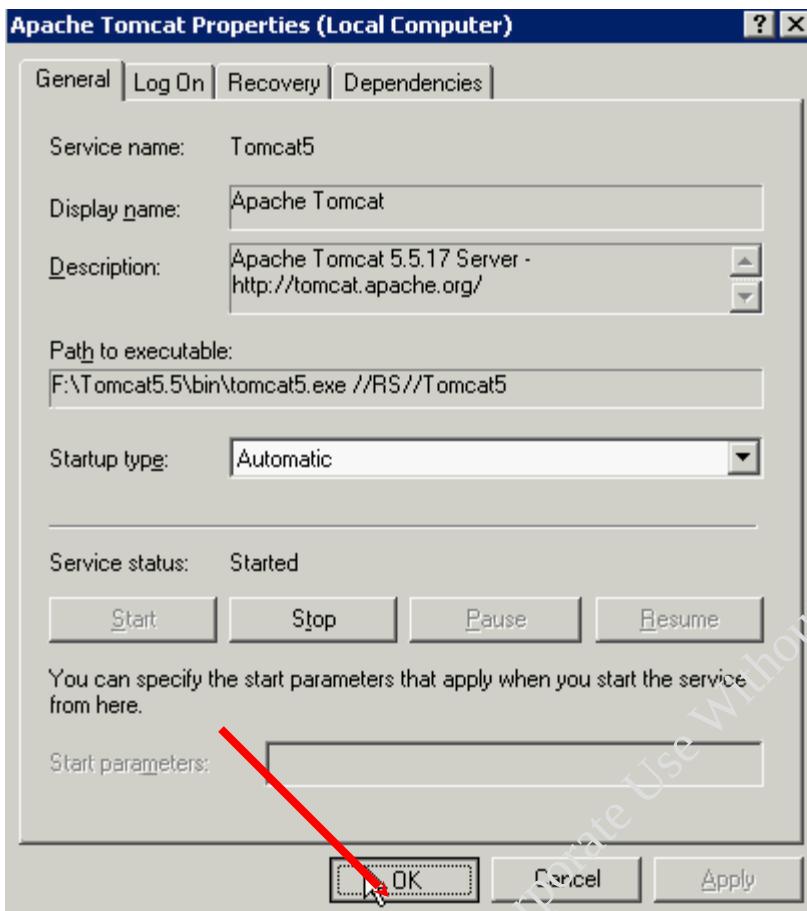
-‘Right click’ on ‘my computer’ > manage



- Click on ‘services’, ‘standard’ tab, then ‘apache tomcat’
- ‘Double click on ‘apache tomcat’ or ‘right click’ then go to ‘properties’
- Change the ‘startup type’ to ‘automatic’, click ‘apply’, then click on ‘start’
- The service should be trying to start/restart
- Click ‘ok’

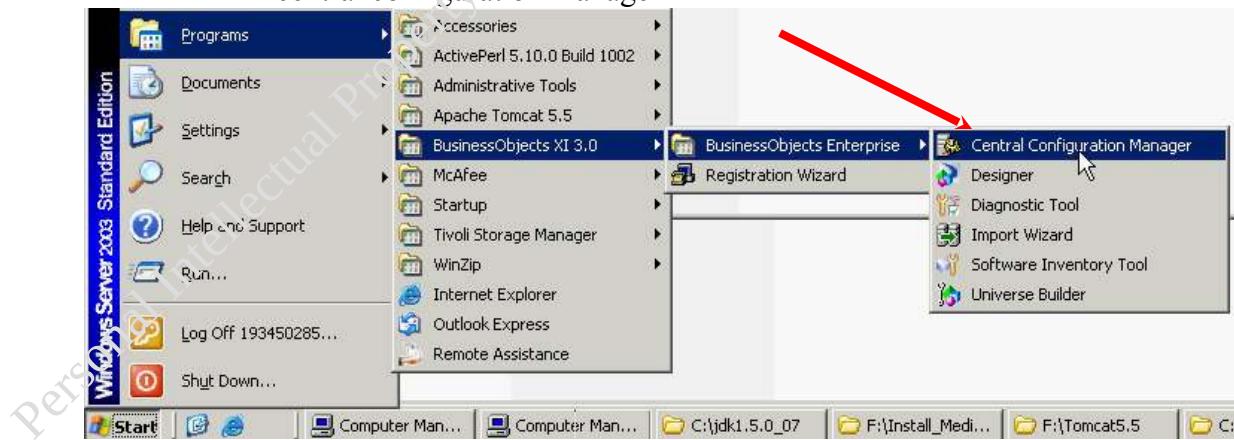




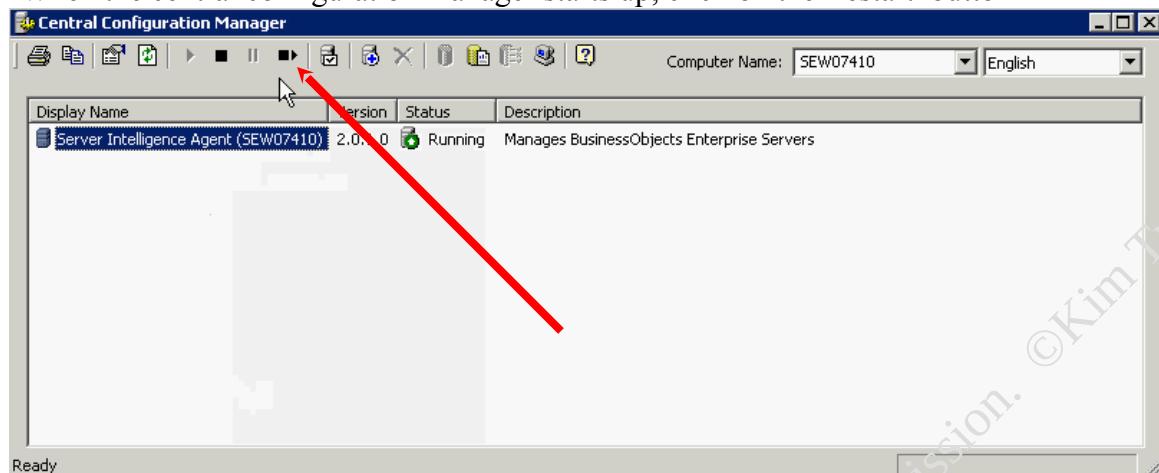


-Open up 'central configuration manager'

-Start > programs > businessobjects xi 3.0 > businessobjects enterprise > central configuration manager



-When the central configuration manager starts up, click on the 'restart' button



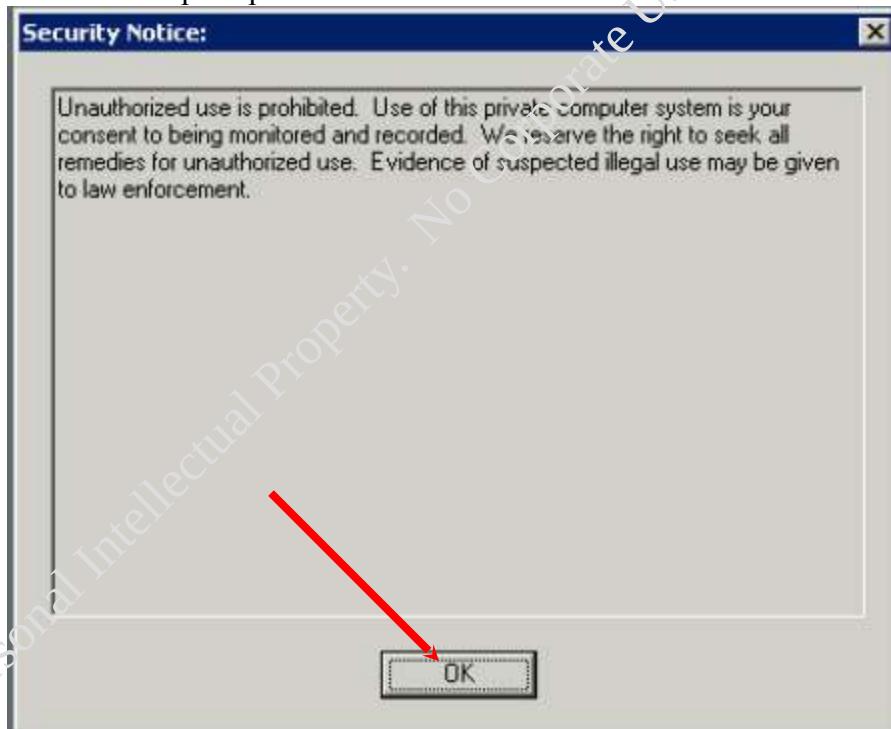
-When done, close applications/windows, then log off

FRS-Frontier – 09 – universe designer, adding connections

- You may need to remote desktop into the appropriate server:
-In this example: sew07410



- Click 'ok' if prompted

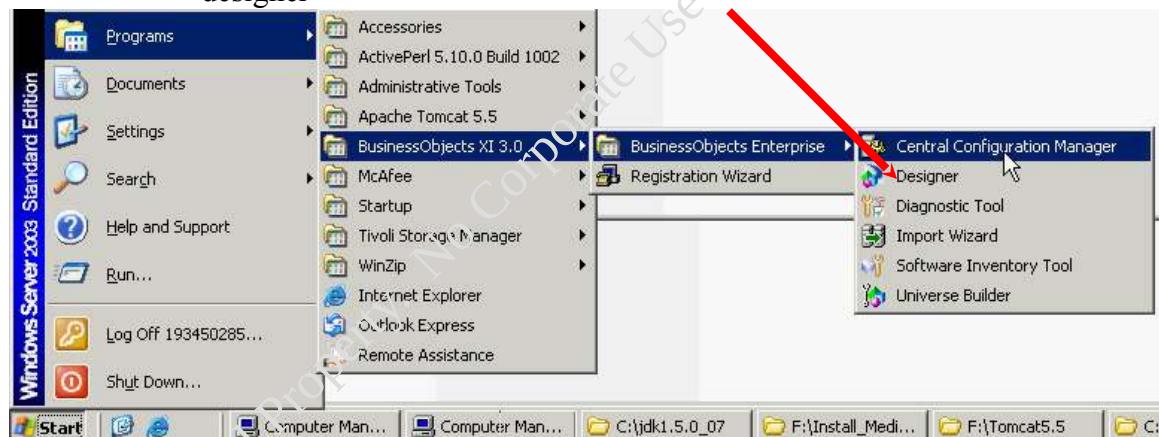


-Enter credentials to log in

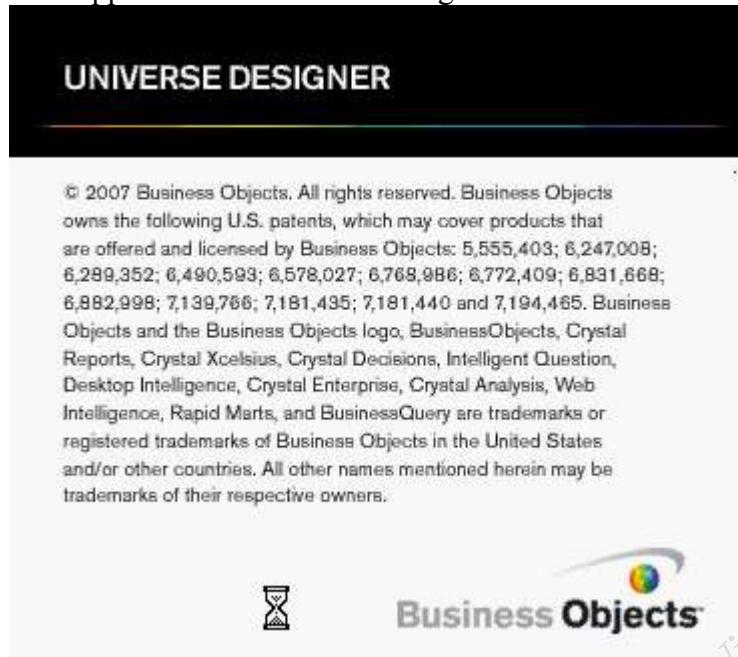


-Open up 'designer'

-Start > programs > businessobjects xi 3.0 > businessobjects enterprise > designer



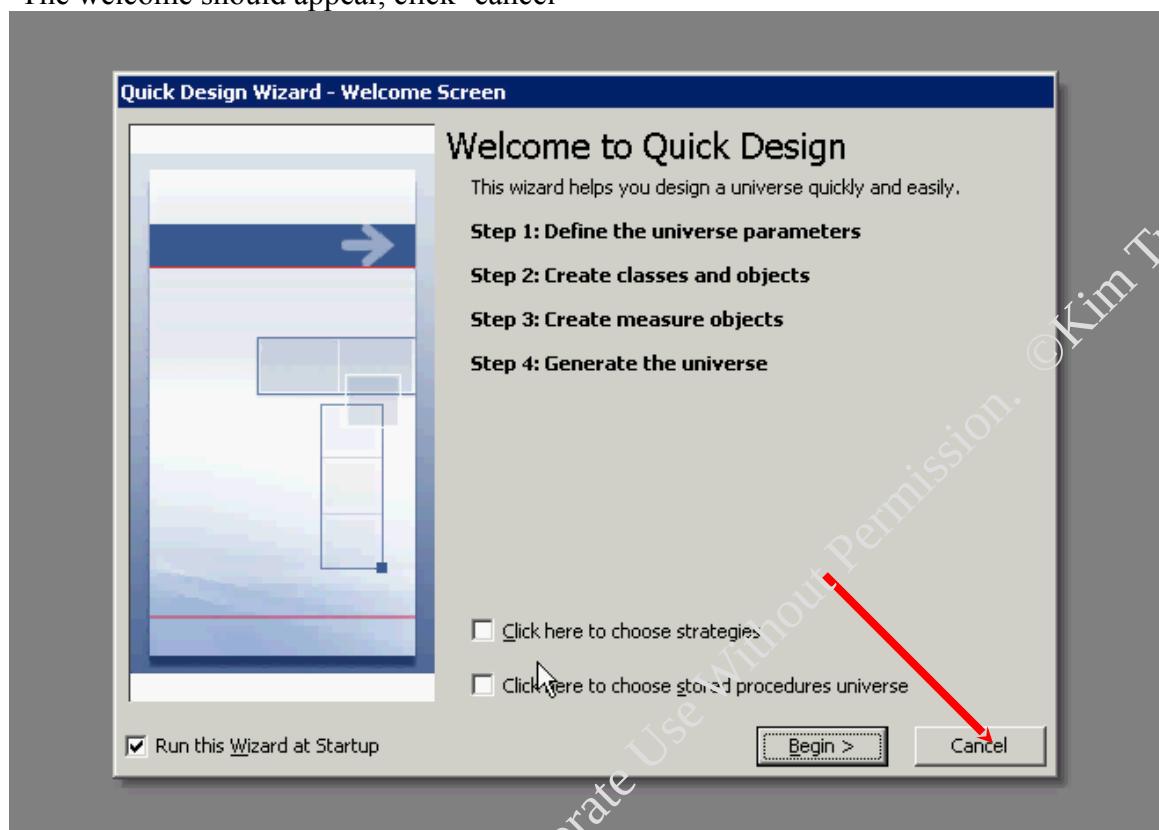
-The application should be starting



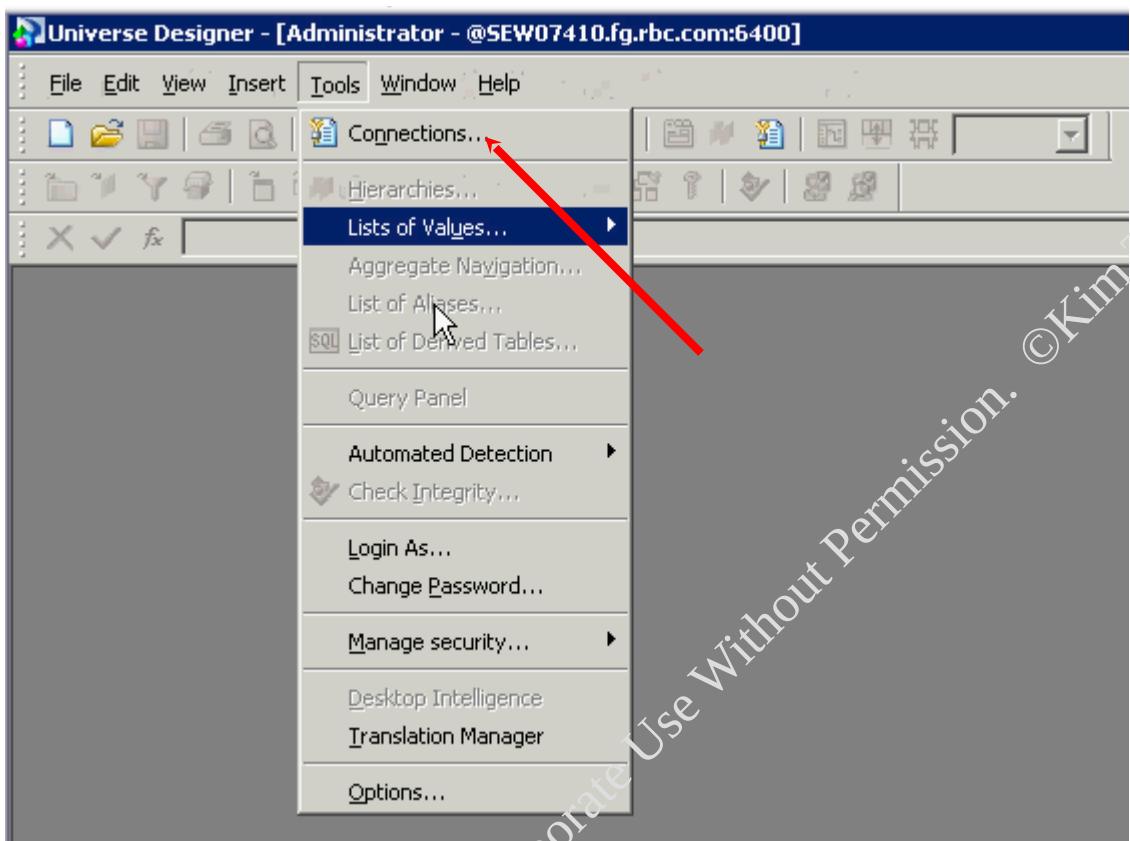
-Enter the appropriate credentials, click 'ok'



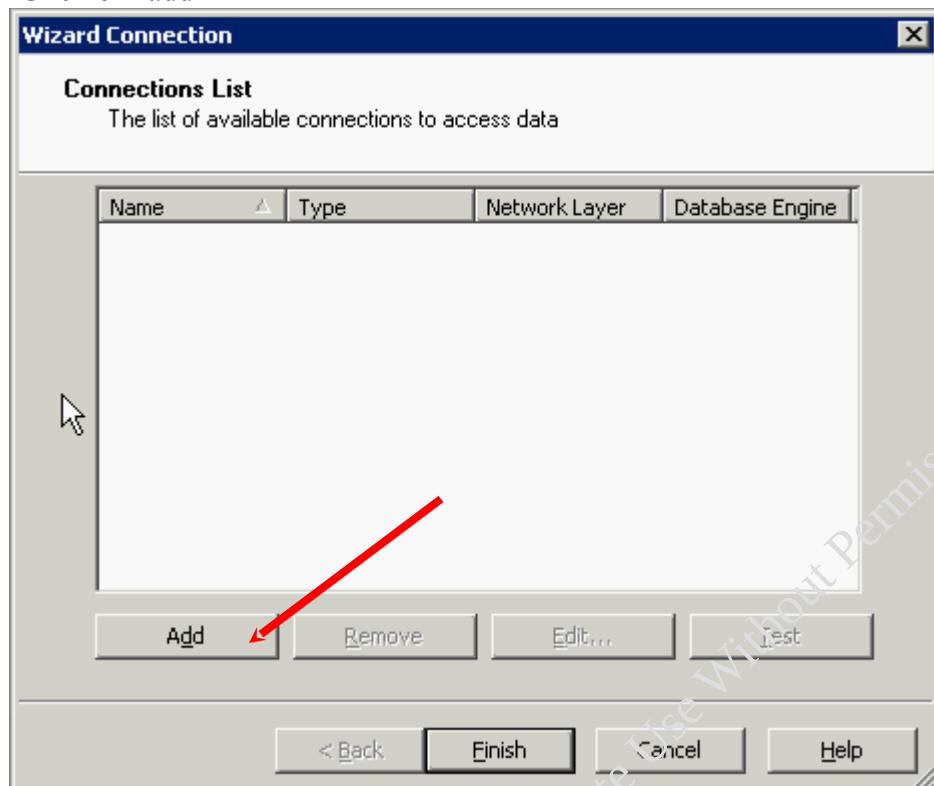
-The welcome should appear, click 'cancel'



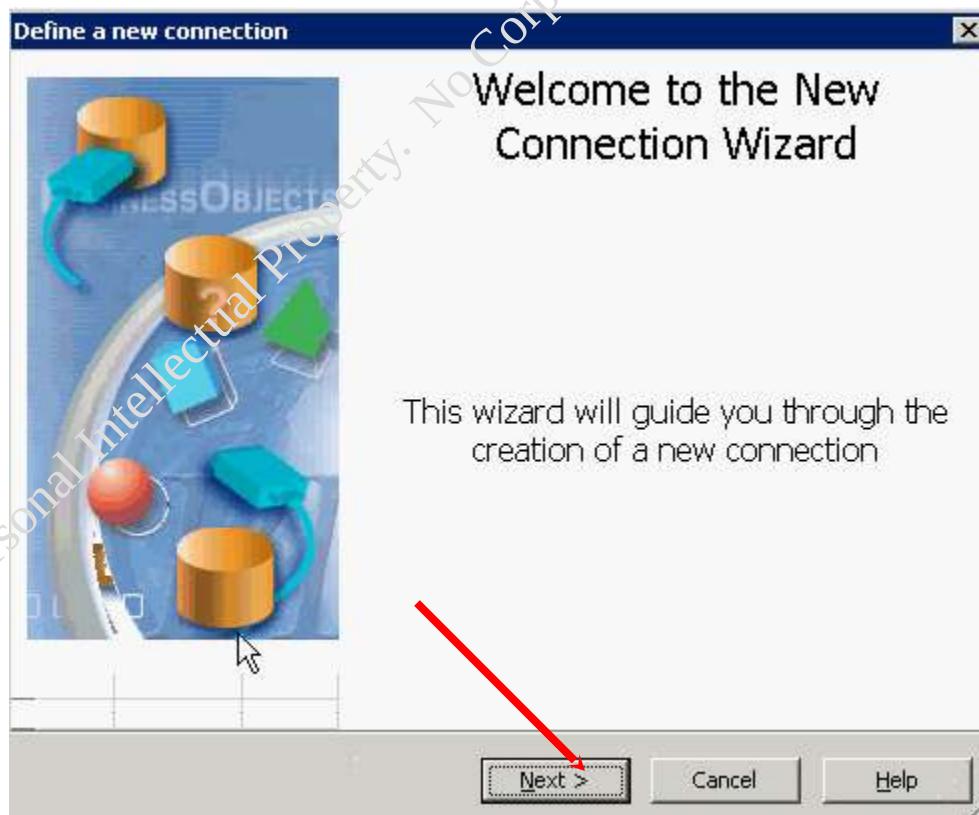
-Click on: tools > connections



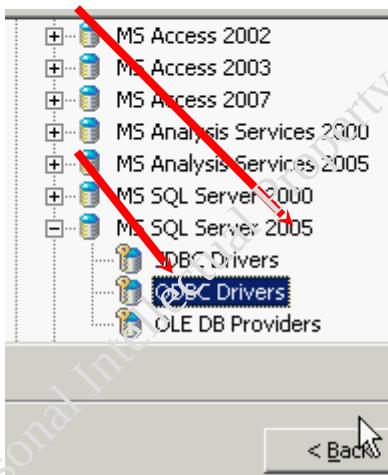
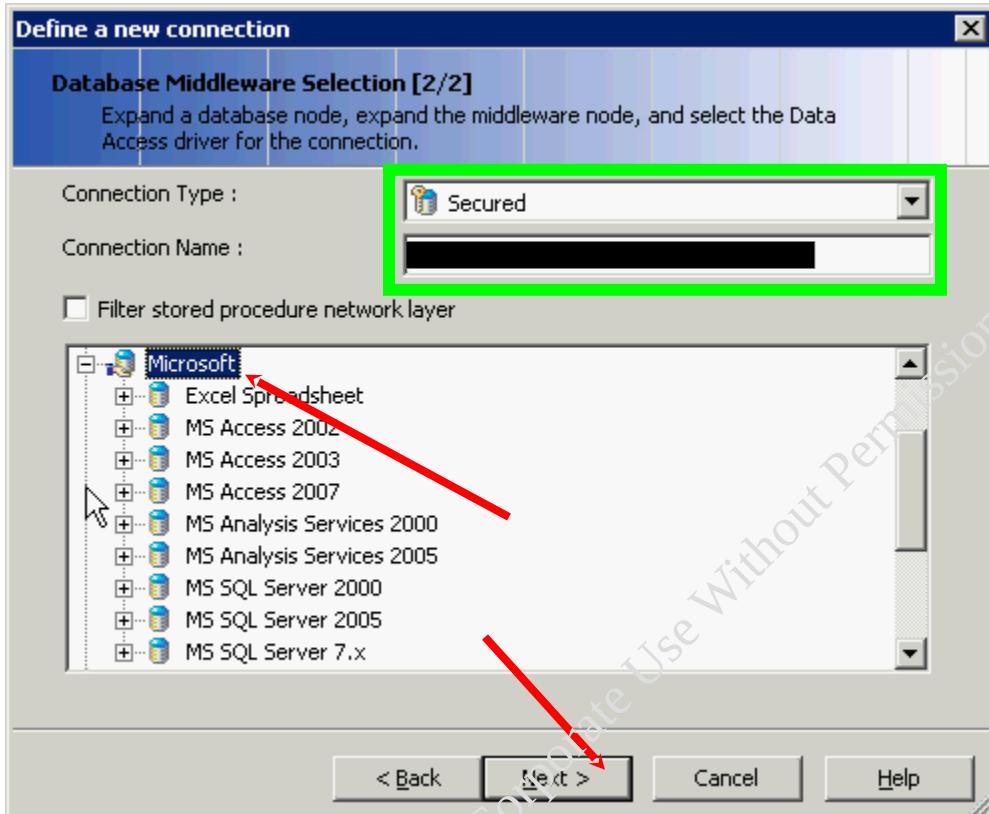
-Click on 'add'



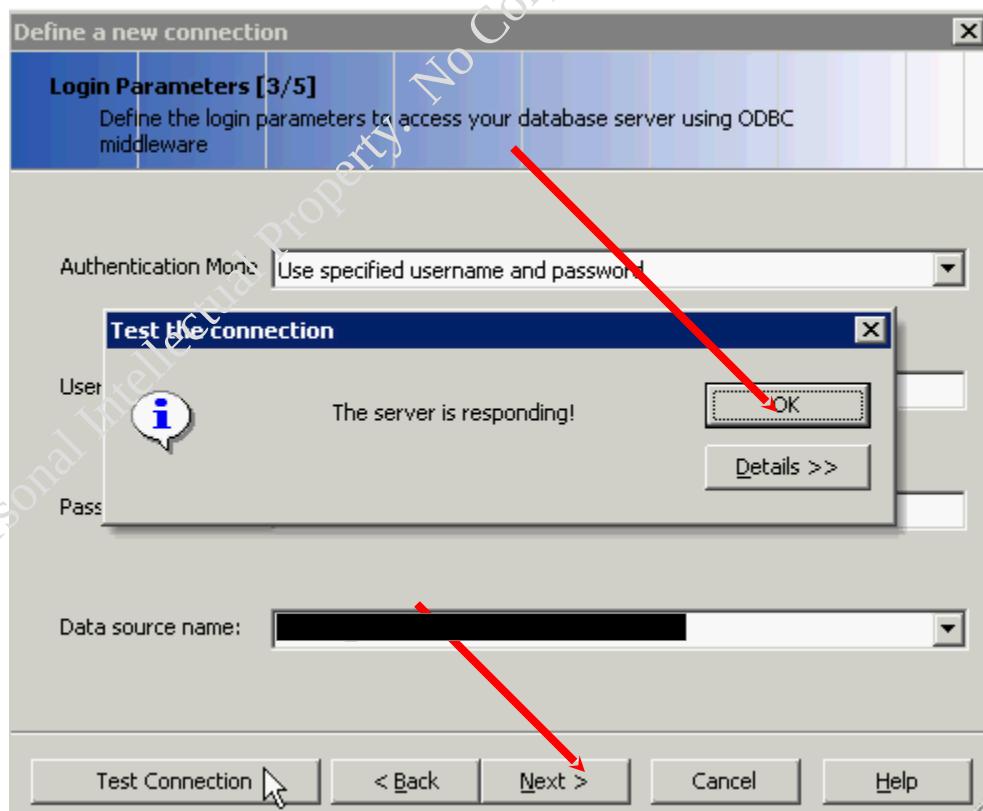
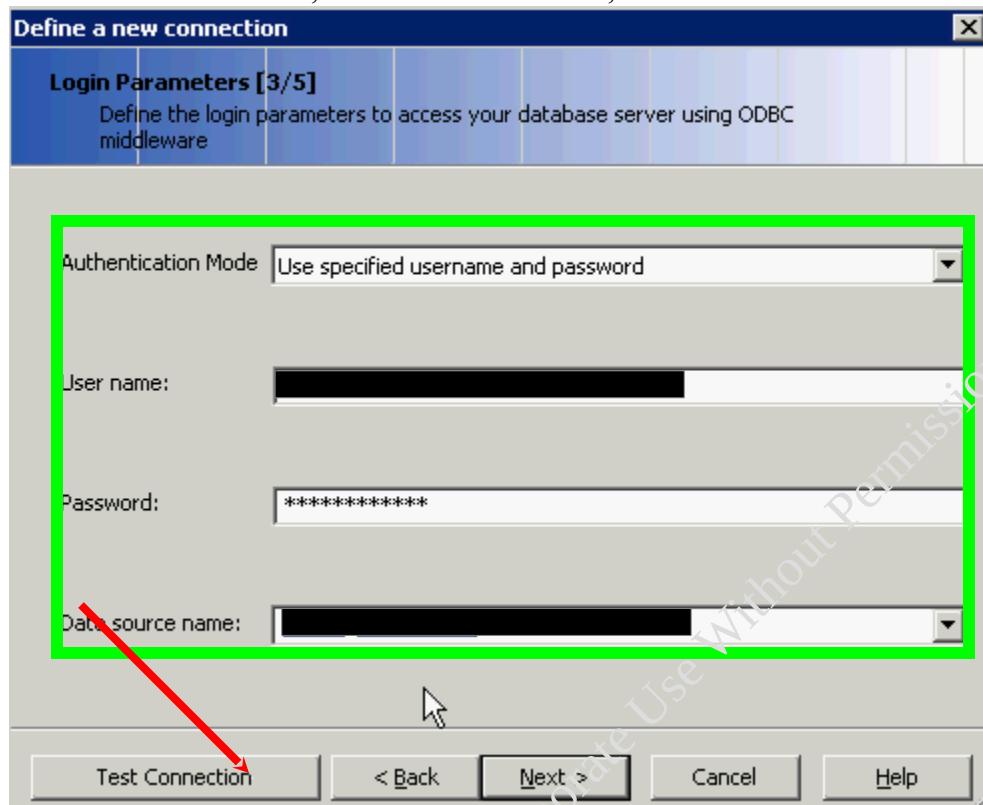
-Click on 'next'



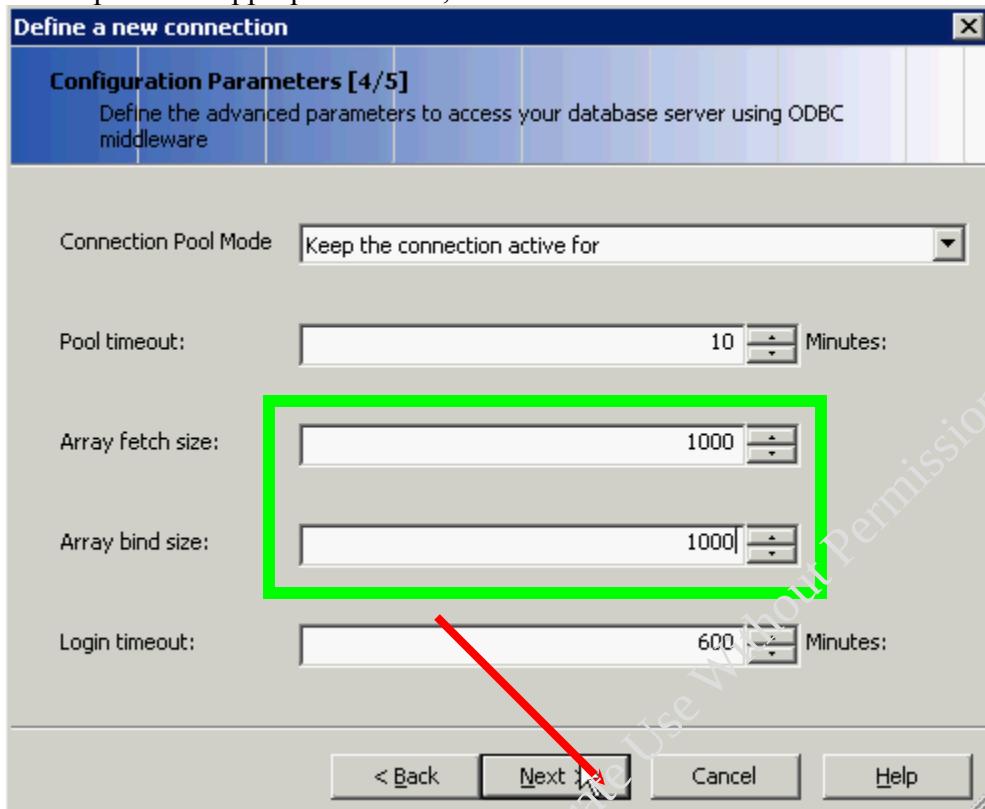
- Enter/update the appropriate fields
- In this example: Microsoft > ms sql server 2005 > odbc drivers
- Click 'next'



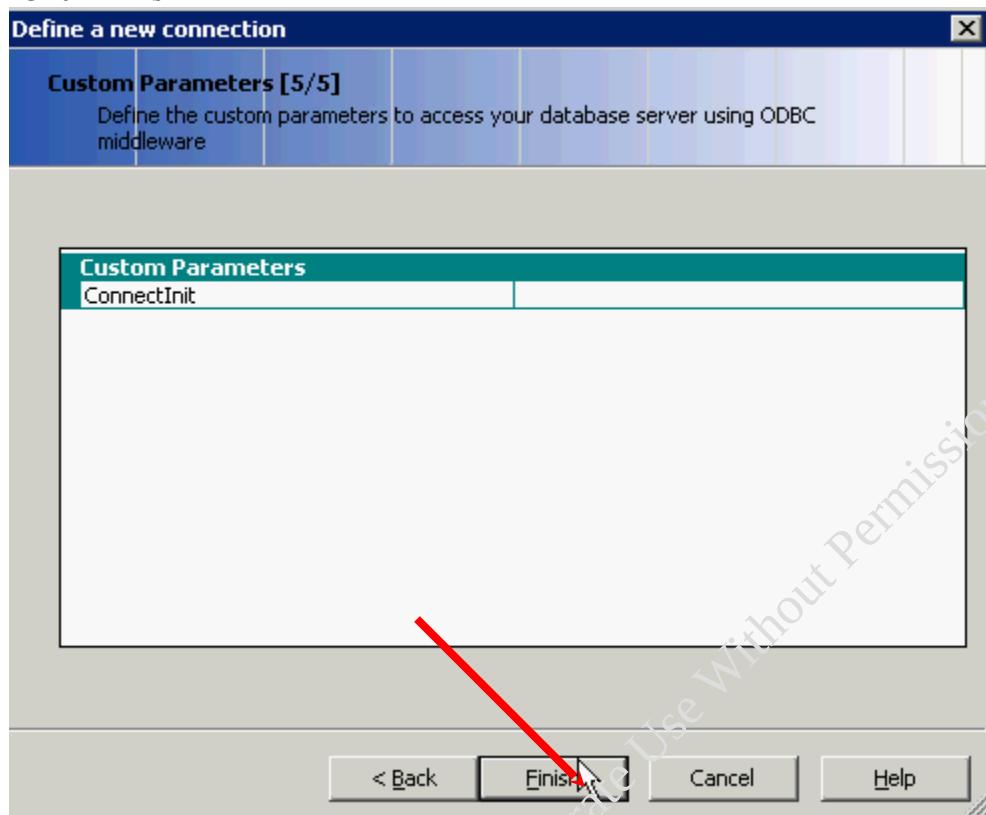
- Enter/update appropriate fields
- Click ‘test connection’, then ‘ok’ if successful, then click ‘next’



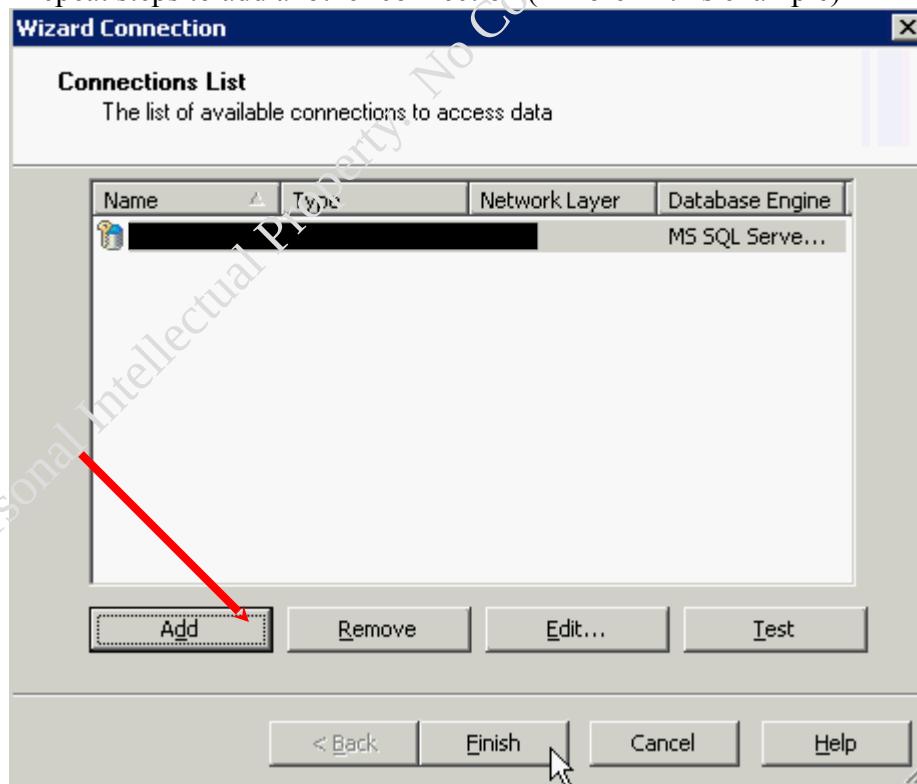
-Edit/update the appropriate fields, then click ‘next’



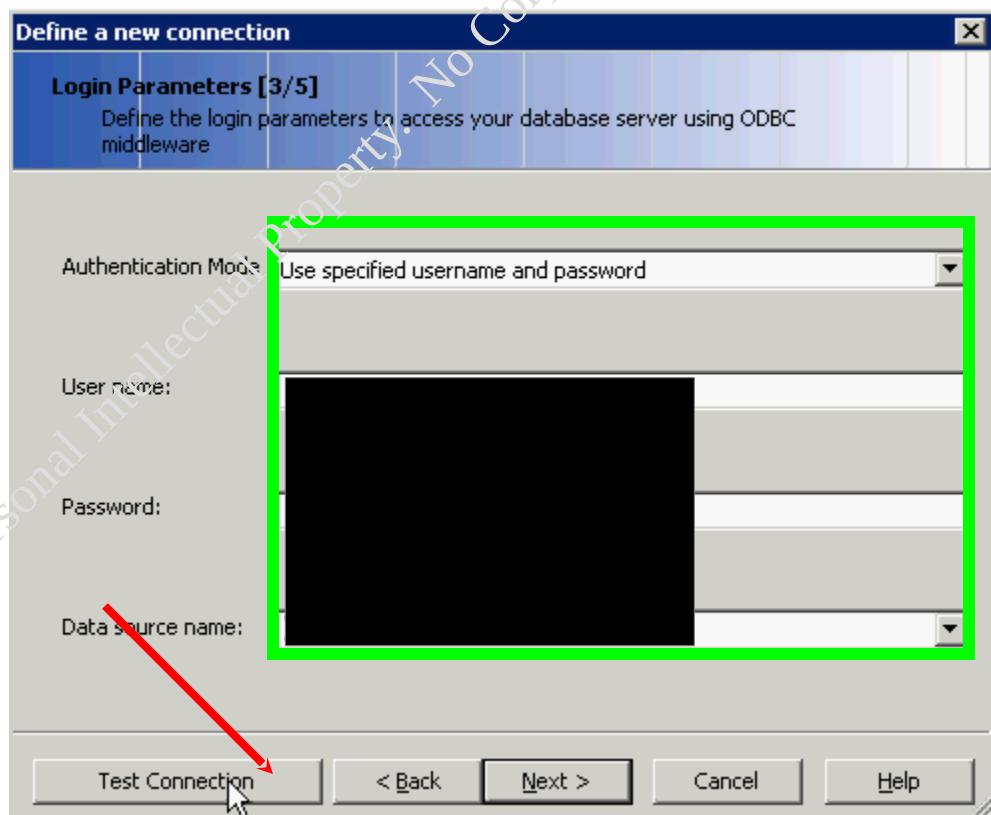
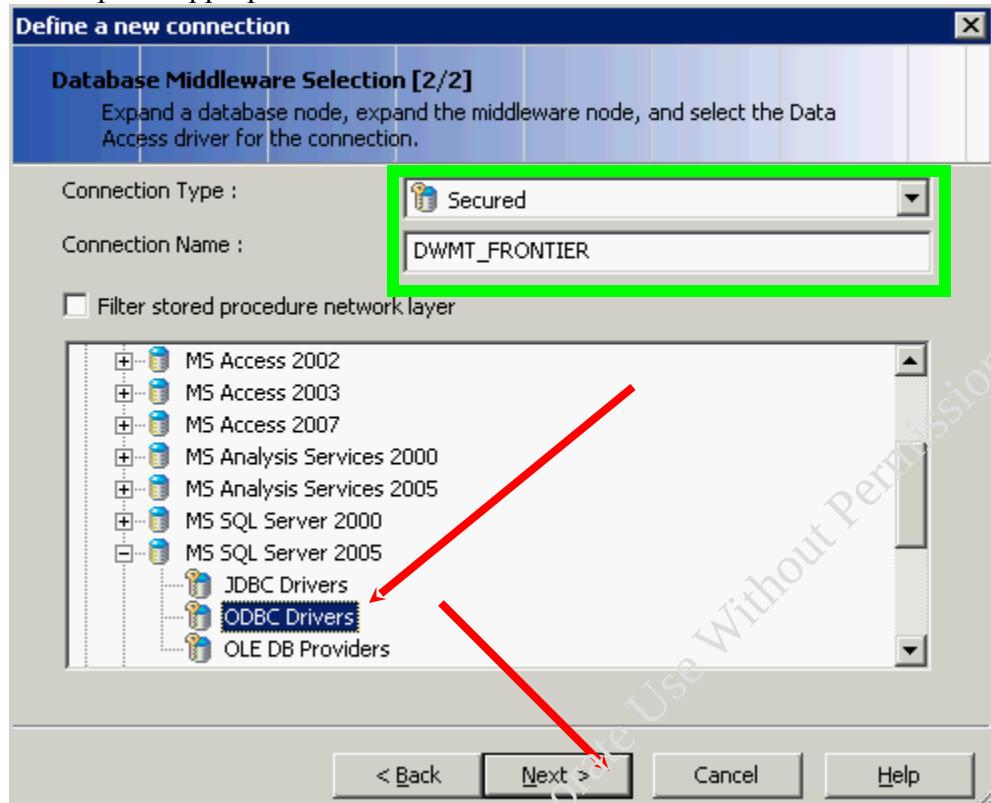
-Click ‘finish’



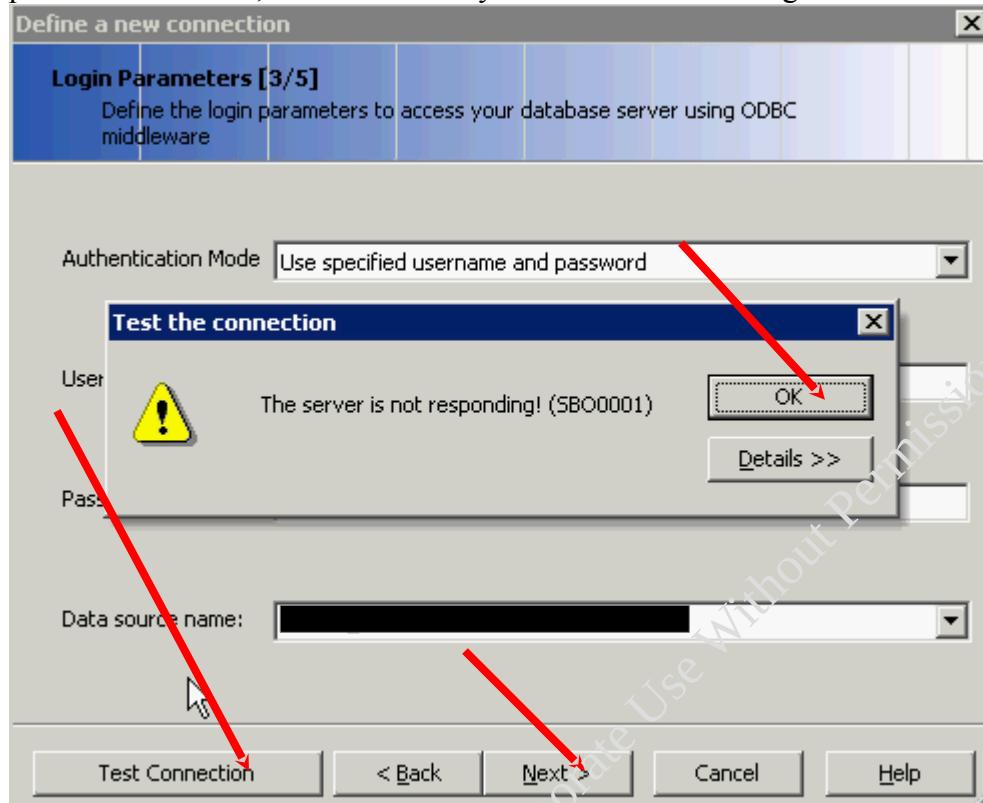
-Repeat steps to add another connection (2 more in this example)



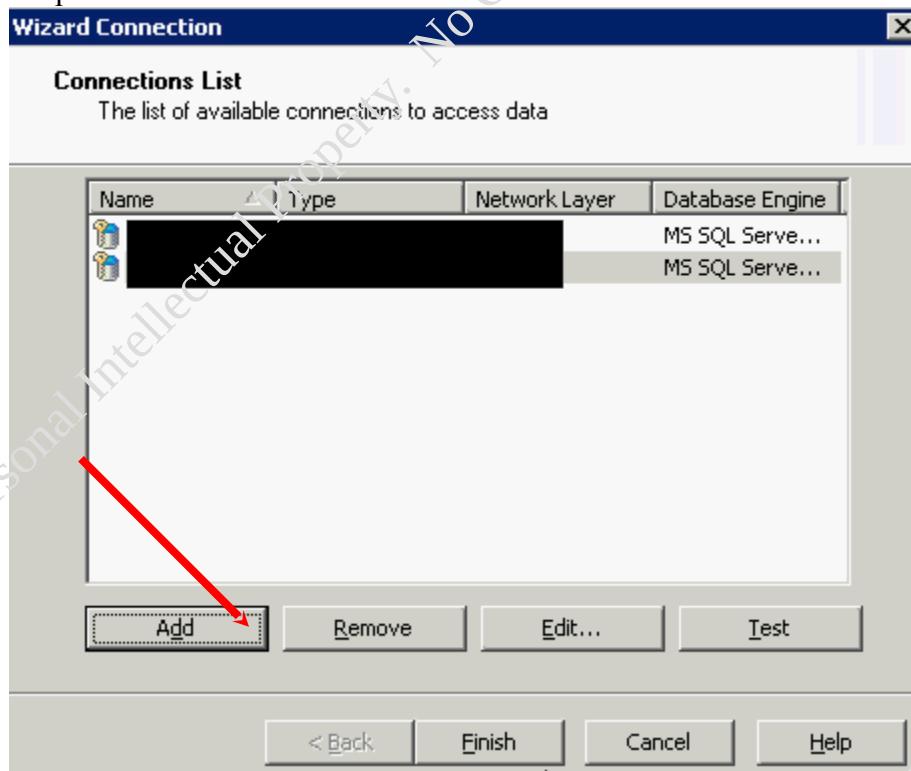
-Edit/update appropriate fields



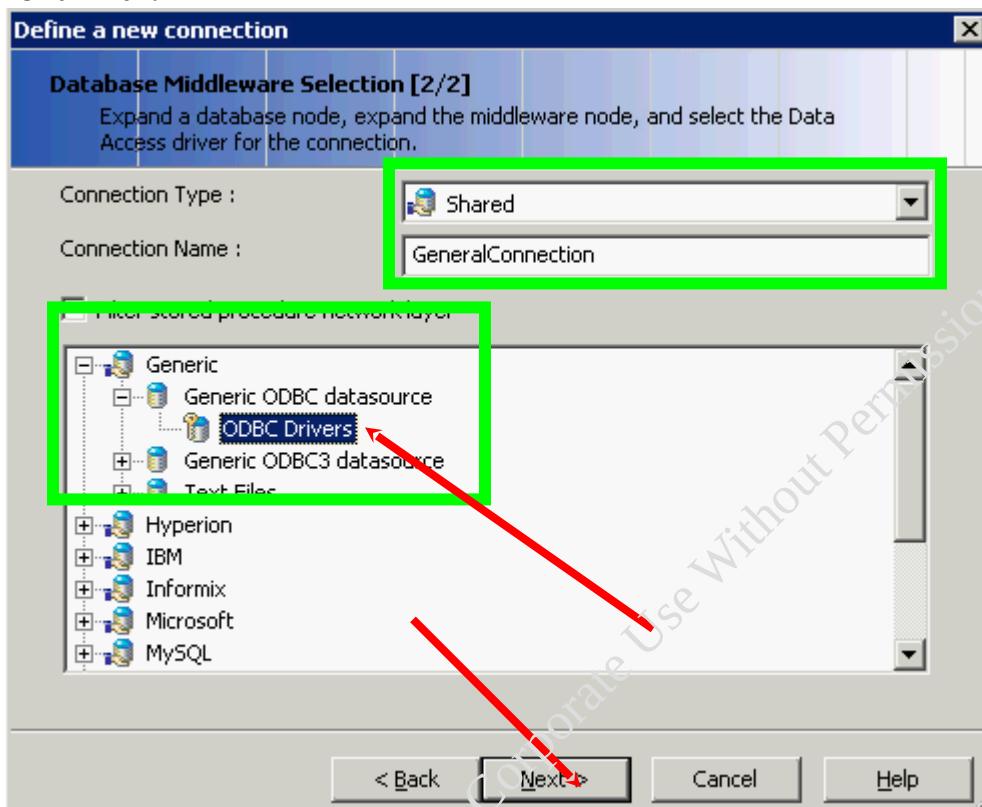
-If you get the ‘server is not responding’ (see screenshot), check to make sure your password is correct, re-enter it and try the ‘test connection’ again



-Repeat

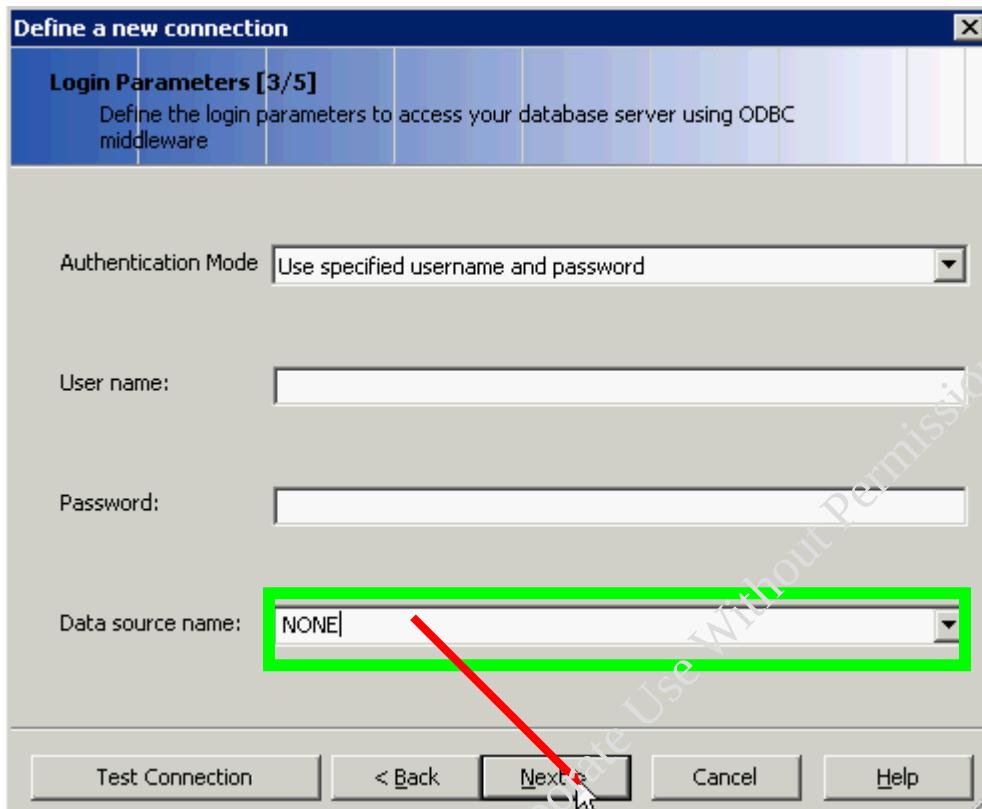


- Note the change for ‘connection type’ and ‘connection name’
- In this example: generic > generic odbc datasource > odbc drivers
- Click ‘next’

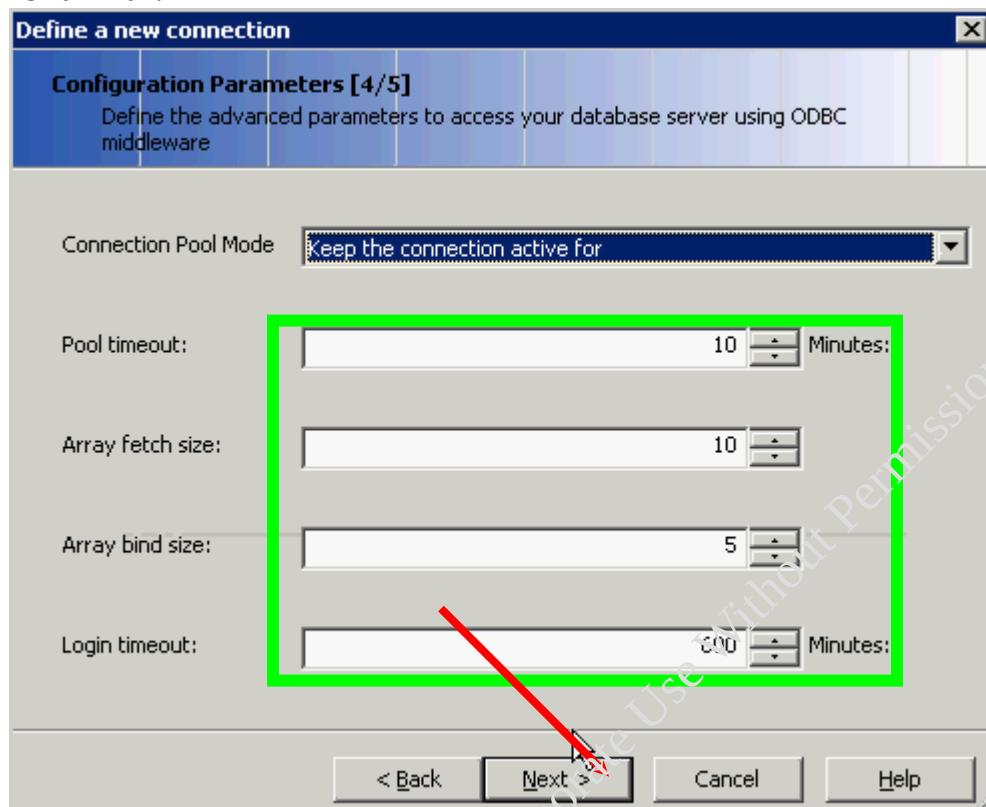


-Note that 'data source name' is 'none'

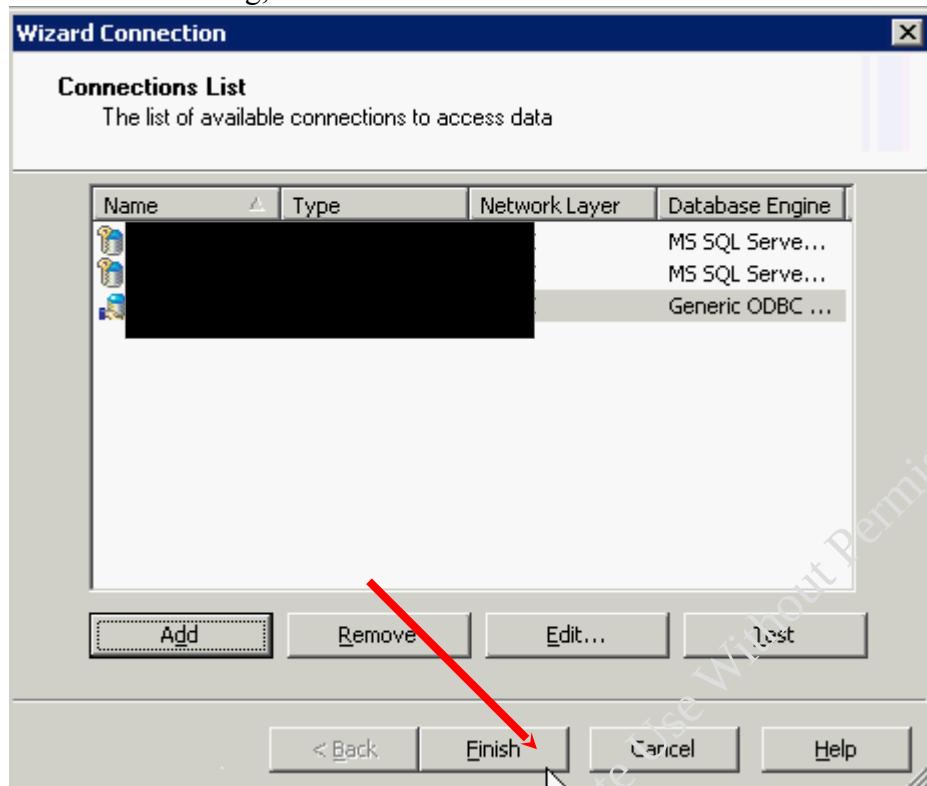
-Click 'next'



- Note that the ‘array fetch size’ and ‘array bind size’ is left at default
- Click ‘next’



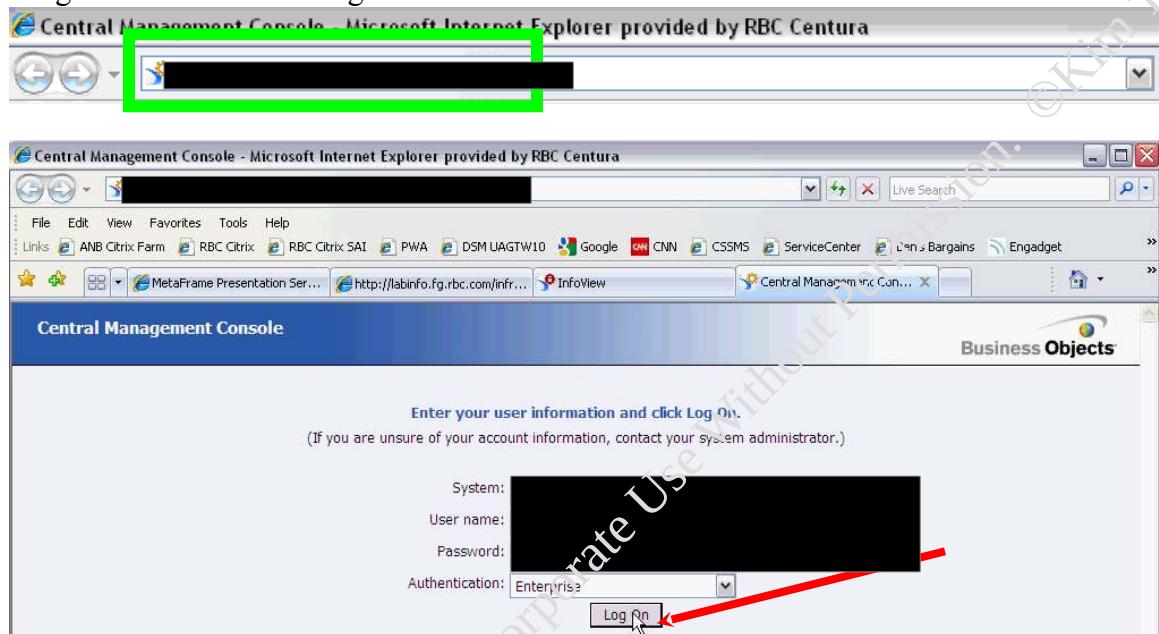
-When done adding, click on 'finish'



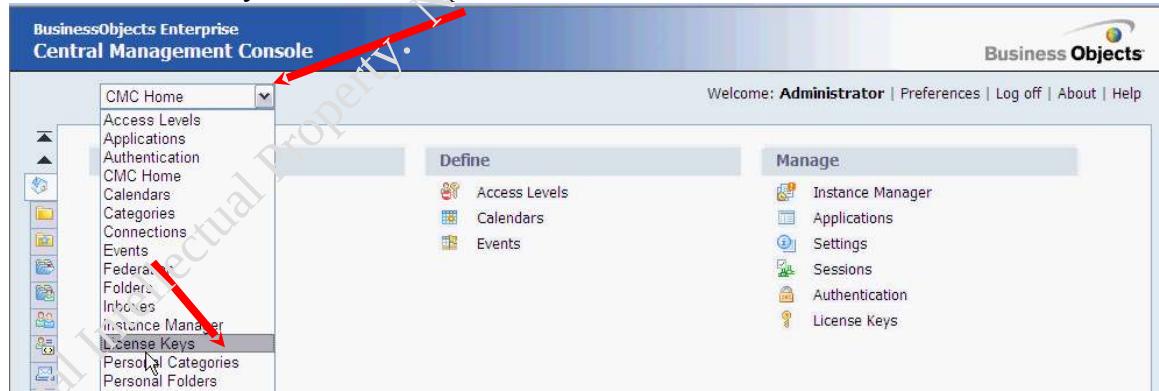
-When finished, close applications/windows, then log off

FRS-Frontier – 10 – adding licenses to the central management console

-Login to the central management console



-Select 'license keys' from the drop down box



- Enter in the license key, then click 'add'
- Repeat steps for multiple key entries

BusinessObjects Enterprise Central Management Console

License Keys ▾

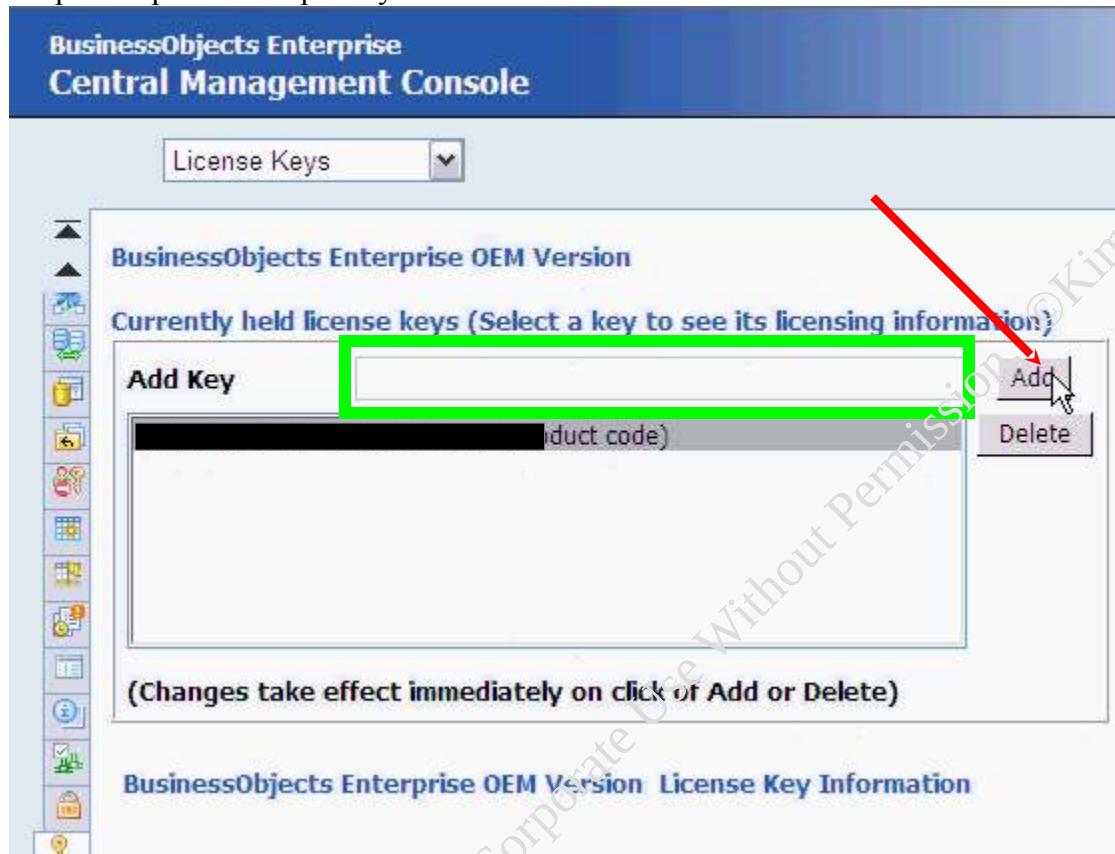
BusinessObjects Enterprise OEM Version

Currently held license keys (Select a key to see its licensing information)

Add Key Add

(Changes take effect immediately on click of Add or Delete)

BusinessObjects Enterprise OEM Version License Key Information



BusinessObjects Enterprise OEM Version

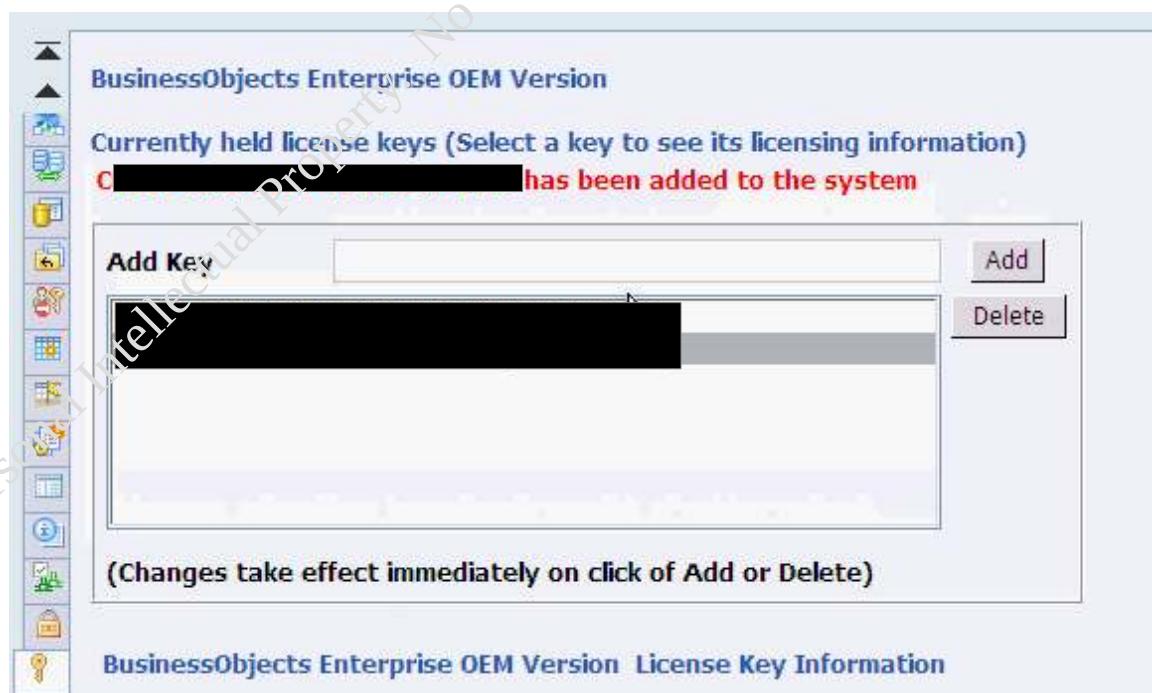
Currently held license keys (Select a key to see its licensing information)

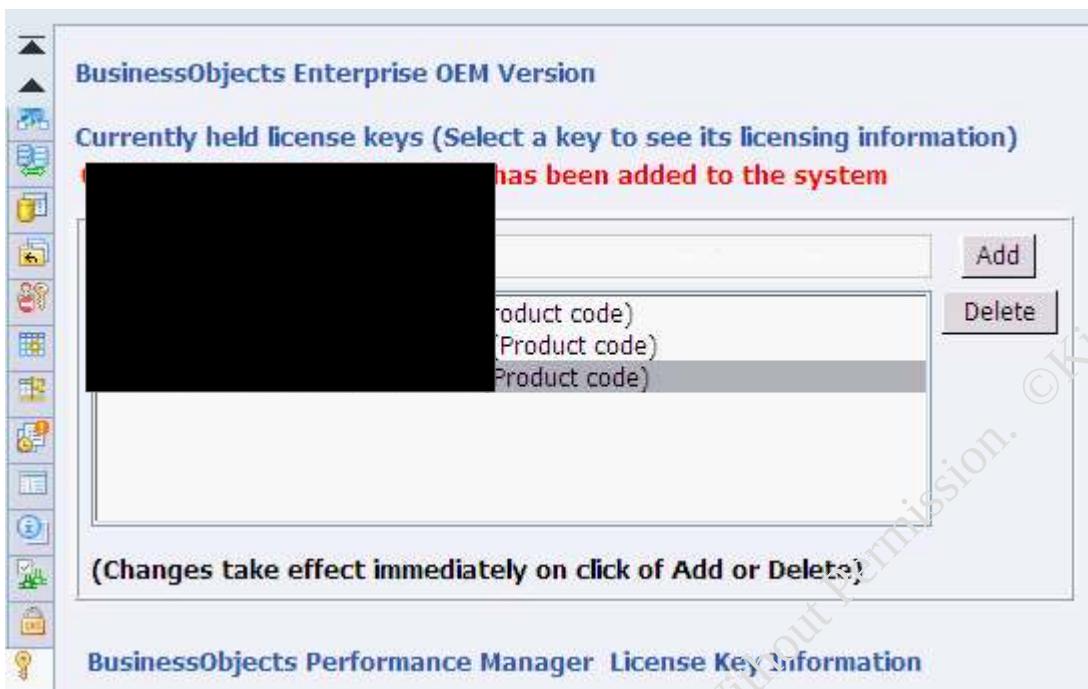
C [REDACTED] has been added to the system

Add Key Add

(Changes take effect immediately on click of Add or Delete)

BusinessObjects Enterprise OEM Version License Key Information





-Log off

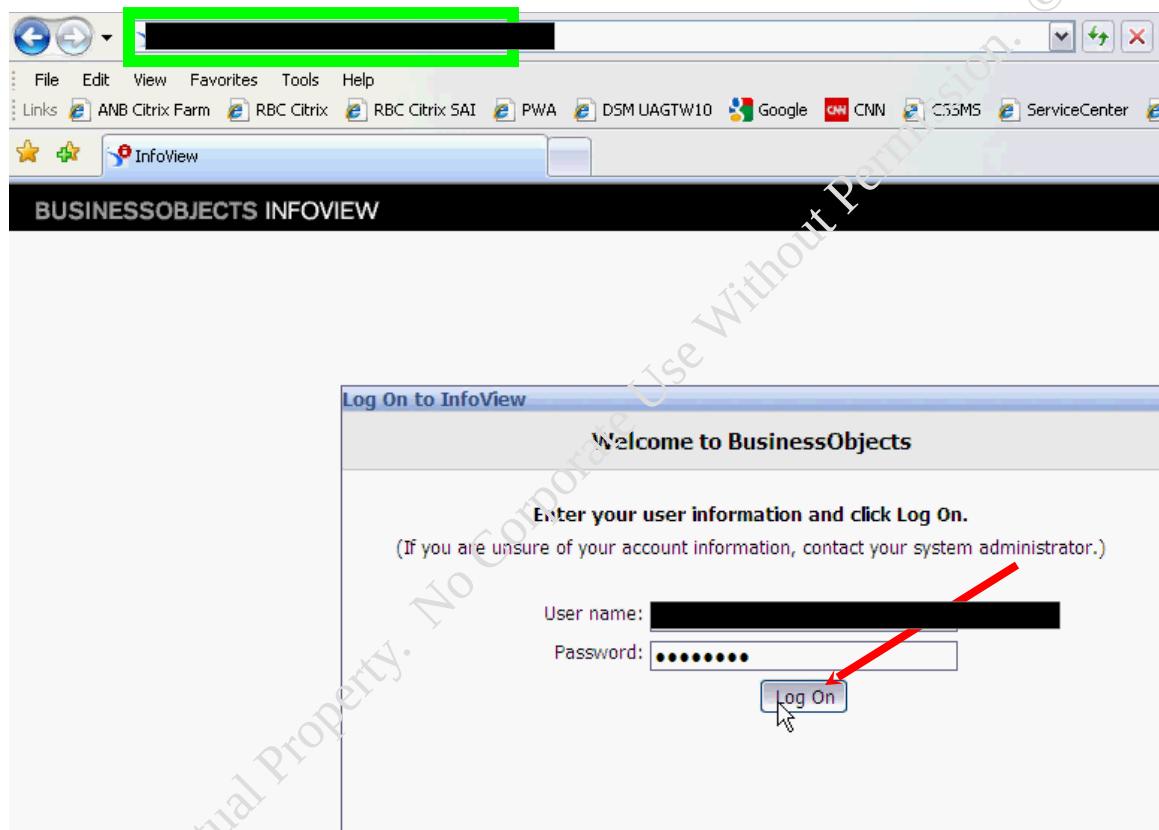


-When done, close applications/windows, then log off

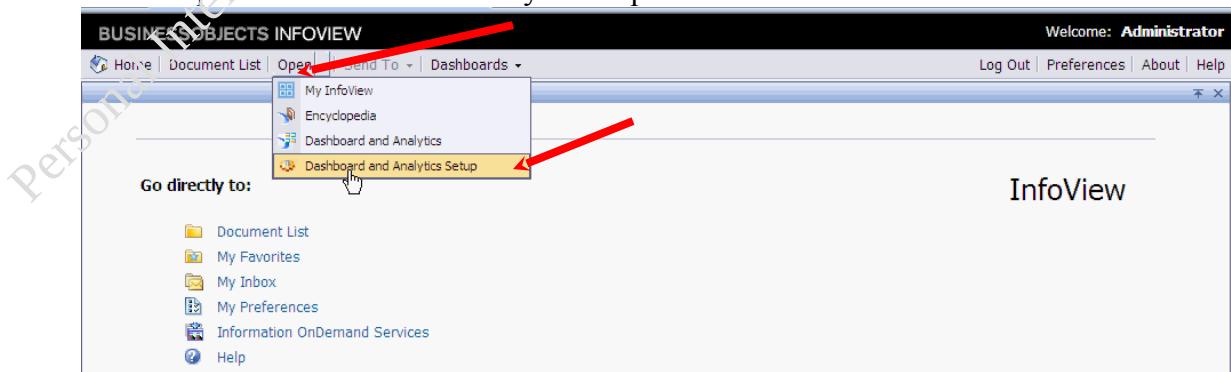
FRS-Frontier – 11 – businessobjects infoview login and service configurations

-Login into businessobjects infoview

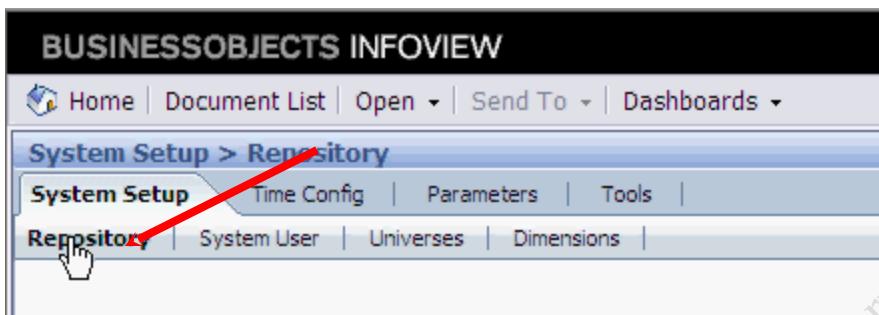
-See [Troubleshooting](#) for logon issues



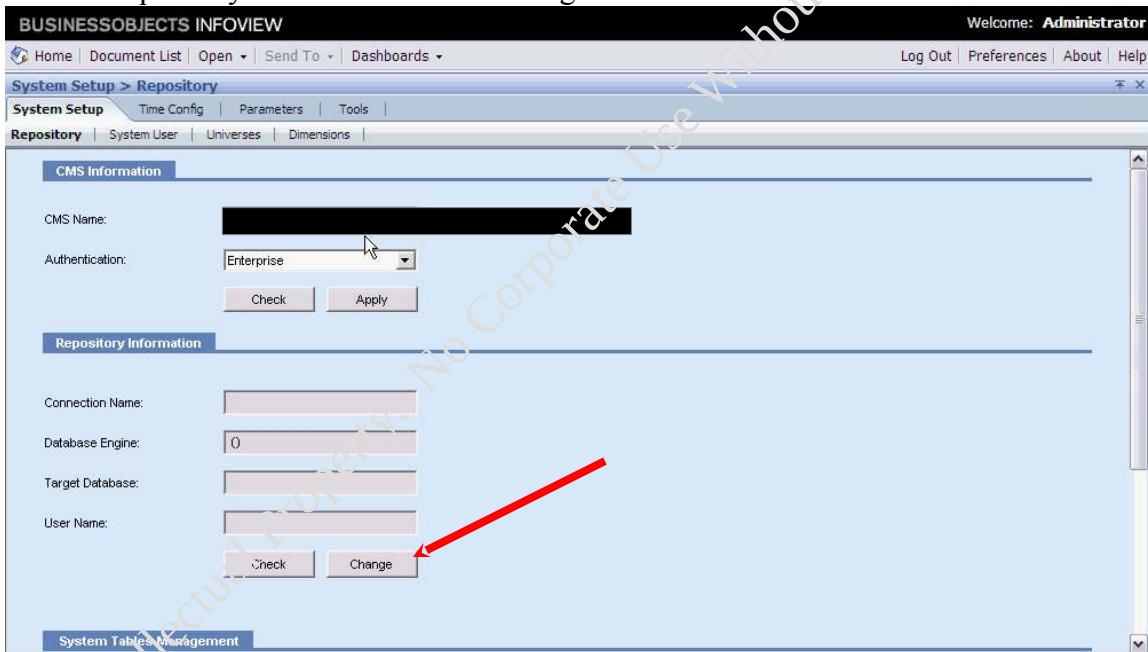
-Go to: open > dashboard and analytic setup



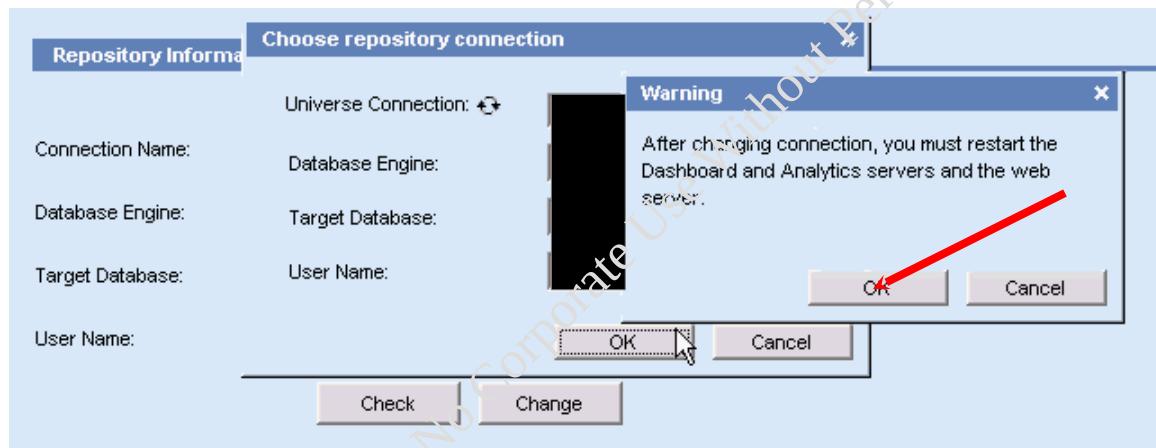
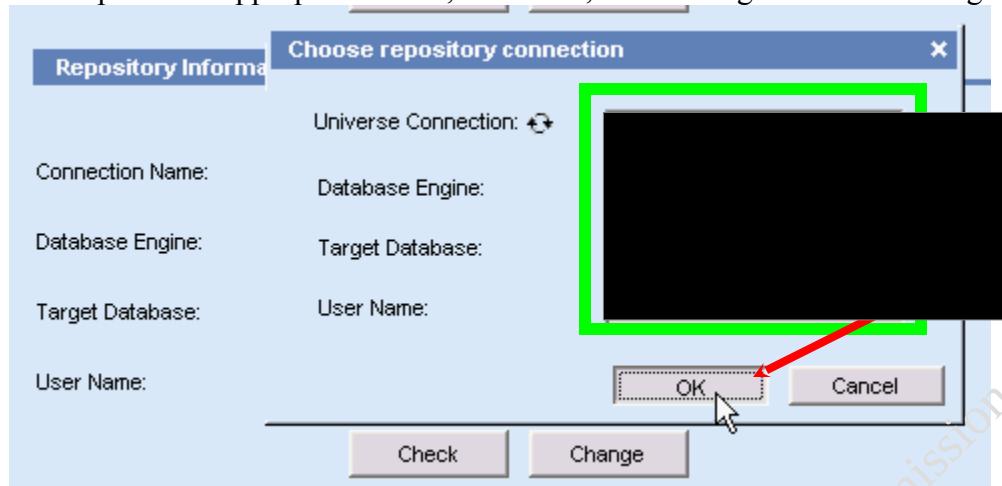
-Click on: system setup > repository



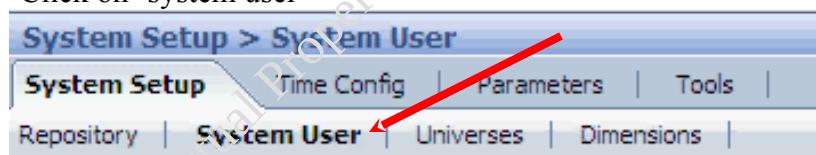
-Under 'repository information' click 'change'



-Edit/update the appropriate fields, click ‘ok’, then ‘ok’ again at the warning

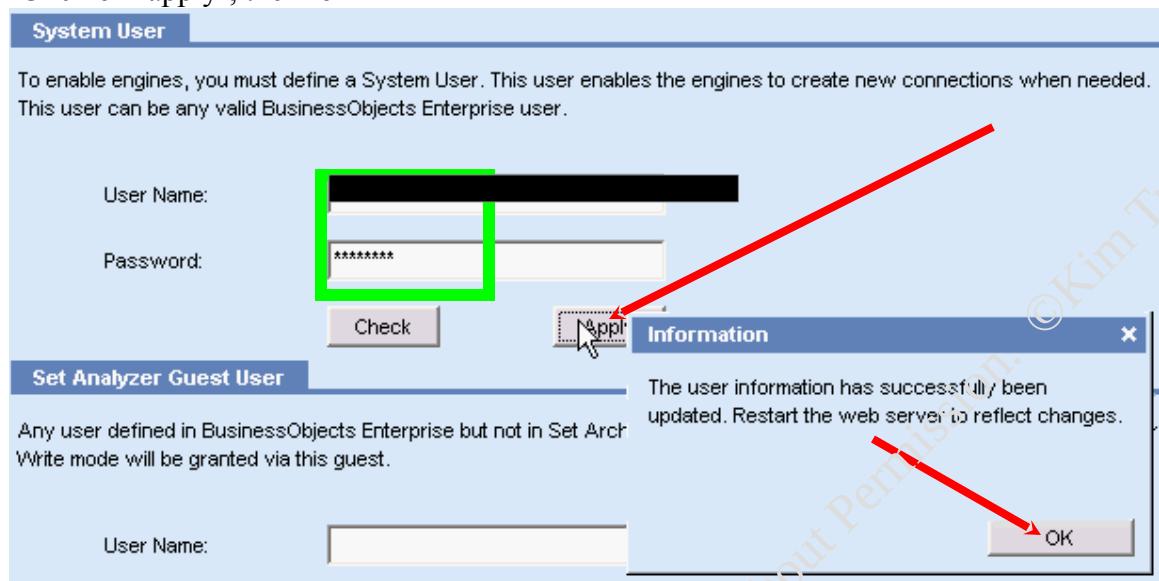


-Click on ‘system user’



-Add a user, in this example: Administrator

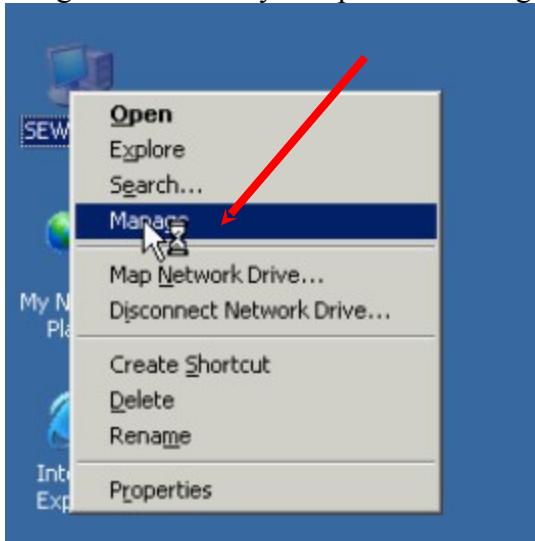
-Click on ‘apply’, then ‘ok’



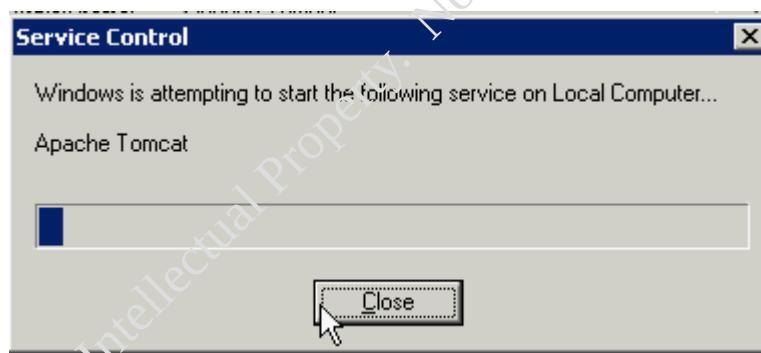
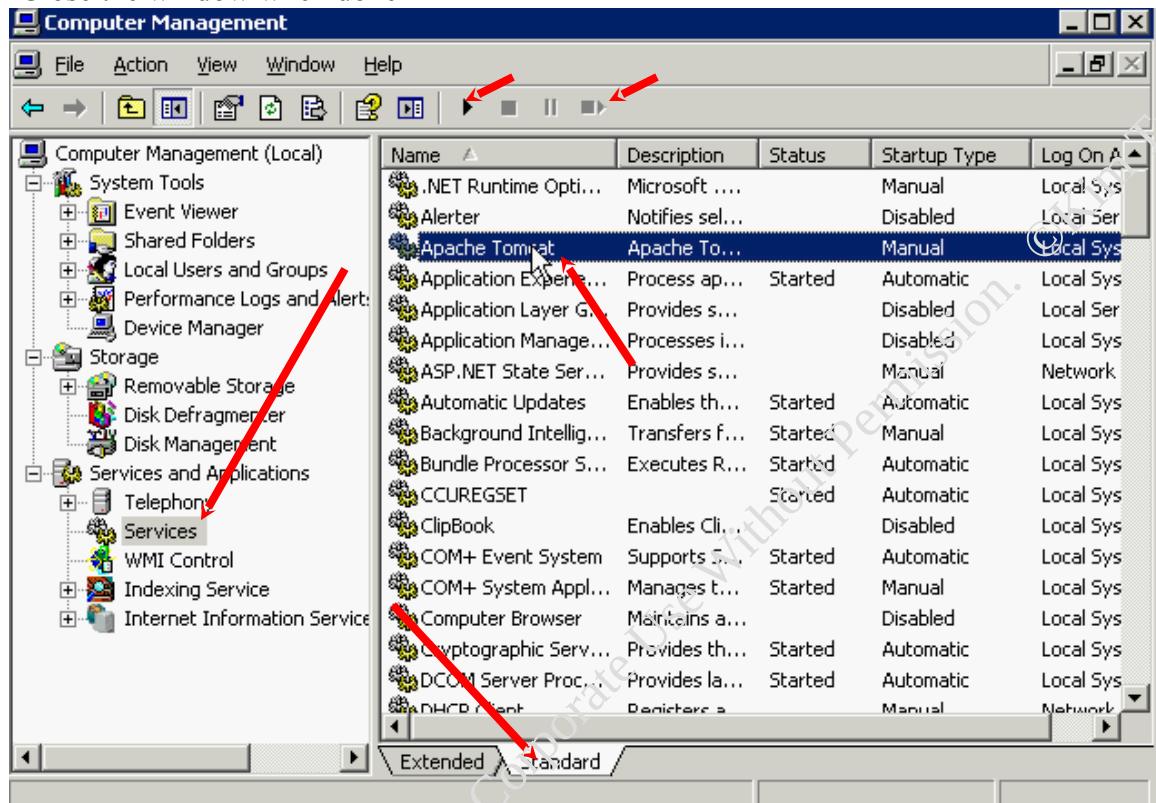
-Log out



-‘Right click’ on ‘my computer’ > manage

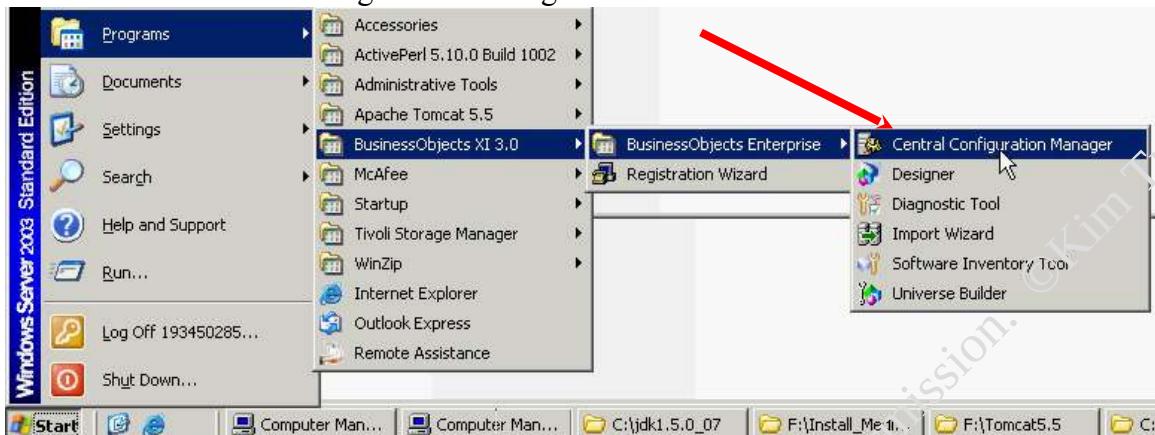


- Click on ‘services’, ‘standard’ tab, then ‘apache tomcat’
- Click on the start or restart service button
- The service should be trying to start/restart
- Close the window when done



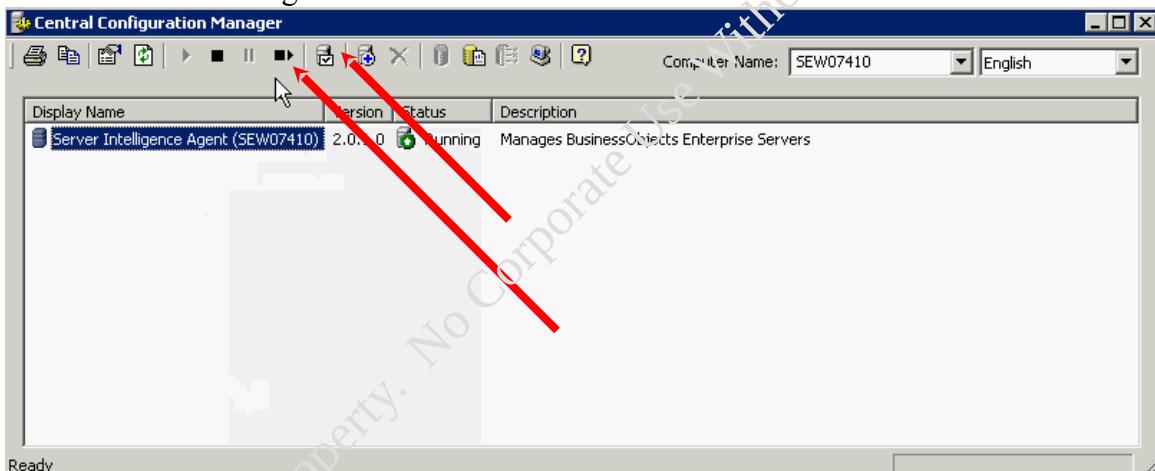
-Open up ‘central configuration manager’

-Start > programs > businessobjects xi 3.0 > businessobjects enterprise > central configuration manager



-When the central configuration manager starts up, click on the ‘restart’ button

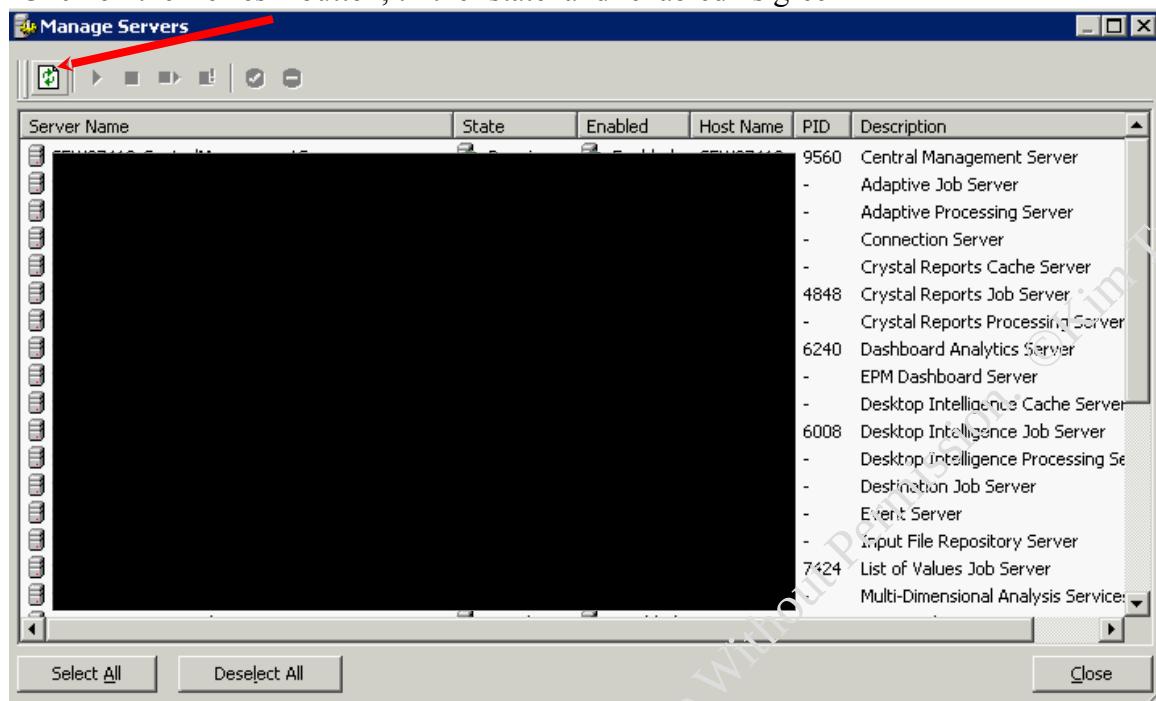
-Then click on the ‘log on’ button



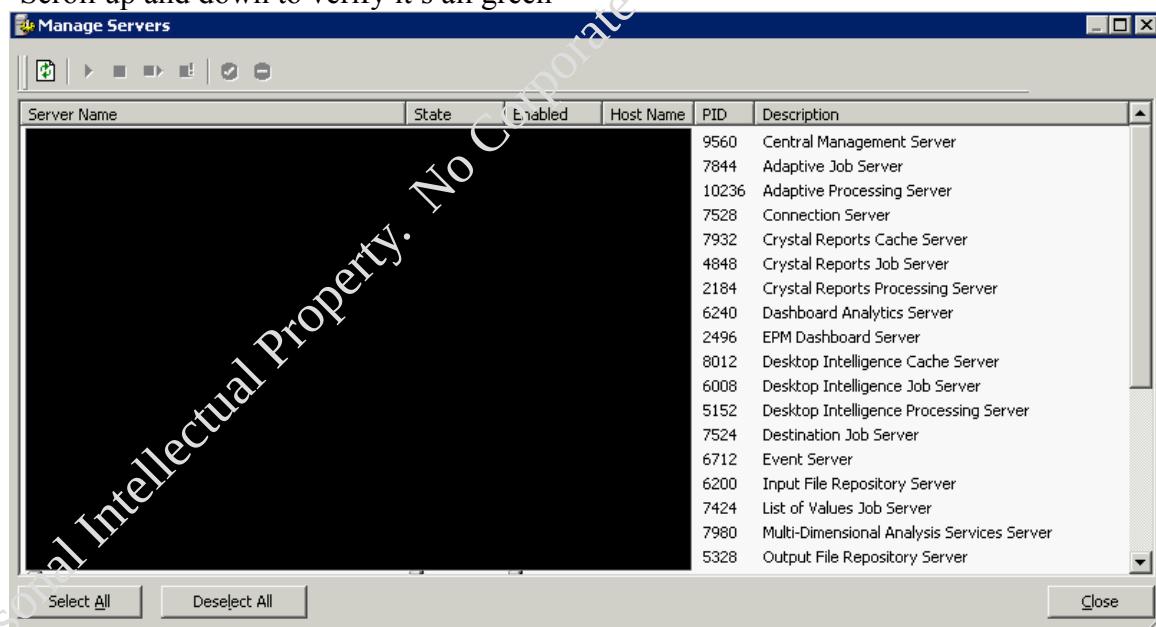
-Edit/update the appropriate fields, then ‘connect’



-Click on the ‘refresh’ button, til the ‘state’ and ‘enabled’ is green



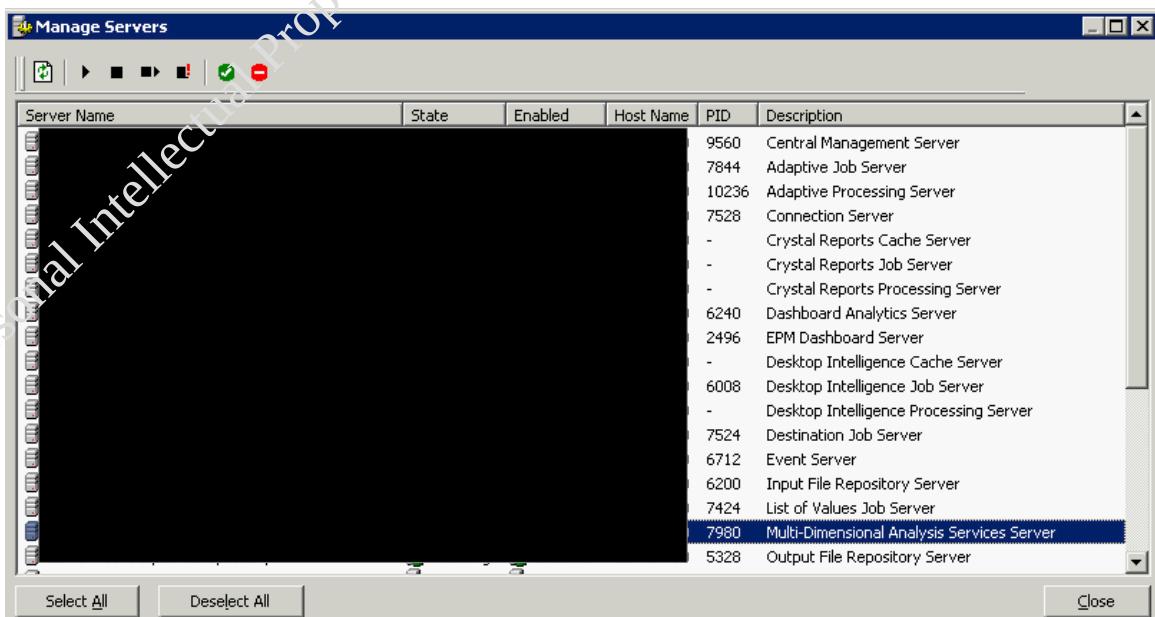
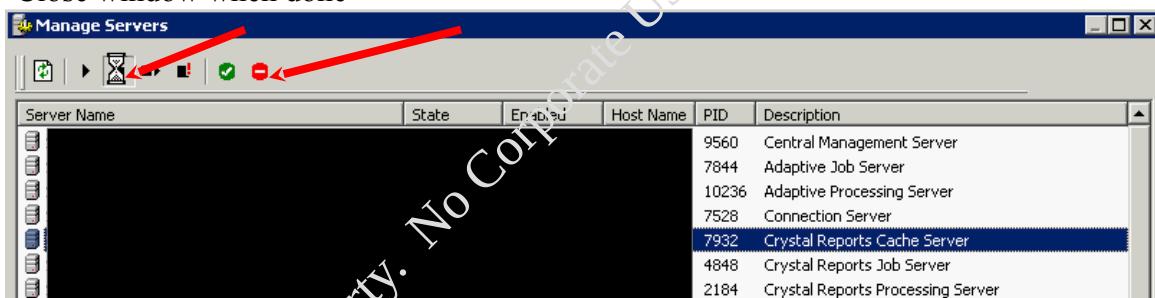
-Scroll up and down to verify it's all green



- Click on the ‘adaptivejobserver’, then the ‘red minus’ button
- Then click on the ‘stop’ button
- Repeat steps for multiple entries, in this example:

-adaptiveprocessingserver
 -crystalreportscacheserver
 -crystalreportsjobserver
 -crystalreportsprocessingserver
 -desktopintelligencecacheserver
 -desktopintelligencejobserver
 -desktopintelligenceprocessingserver
 -multidimensionalanalysisservicesserver
 -pmmetricsserver
 -pmrulerserver
 -predictiveanalysisserver
 -processanalysisserver
 -publicationjobserver
 -setsprofileserver
 -setsqueryserver

-Close window when done



Manage Servers

Server Name	State	Enabled	Host Name	PID	Description
-					Desktop Intelligence Processing Server
7524					Destination Job Server
6712					Event Server
6200					Input File Repository Server
7424					List of Values Job Server
-					Multi-Dimensional Analysis Services Server
5328					Output File Repository Server
504					PM Metrics Server
7548					PM Repository Server
288					PM Rules Server
-					Predictive Analysis Server
1352					Process Analysis Server
7144					Program Job Server
5656					Publication Job Server
6728					Report Application Server
3804					Sets Profile Service
7364					Sets Query Server
4768					Web Intelligence Processing Server

Select All Deselect All Close

-Log into the central management console

Central Management Console - Microsoft Internet Explorer provided by RBC Centura

Central Management Console - Microsoft Internet Explorer provided by RBC Centura

File Edit View Favorites Tools Help

Links ANB Citrix Farm RBC Citrix RBC Citrix SAI PWA LSM UAGTW10 Google CNN CSSMS ServiceCenter Ben's Bargains Engadget

MetaFrame Presentation Ser... http://labinfo.fg.rbc.com/infr... InfoView Central Management Con... Business Objects

Central Management Console

Enter your user information and click Log On.
(If you are unsure of your account information, contact your system administrator.)

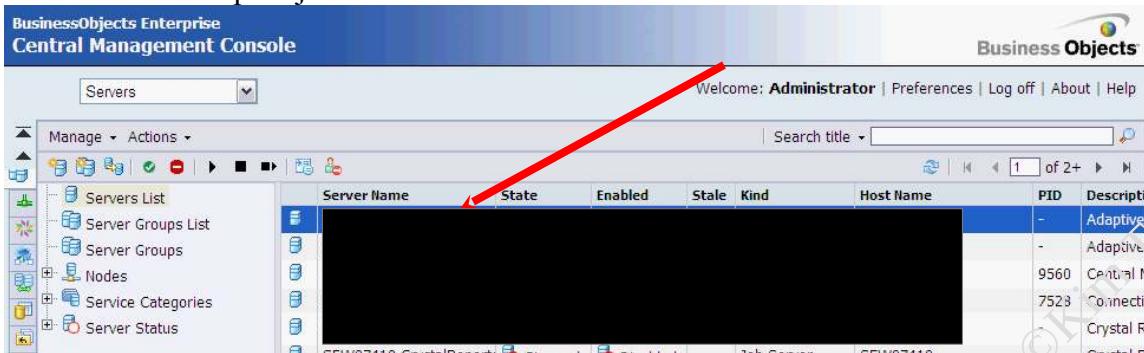
System: [REDACTED]
User name: [REDACTED]
Password: [REDACTED]
Authentication: [REDACTED]

Log On

-Go to ‘servers’ under the drop down box

The screenshot shows the BusinessObjects Enterprise Central Management Console (CMC) running in Microsoft Internet Explorer. The title bar reads "Central Management Console - Microsoft Internet Explorer provided by RBC C". The left sidebar contains a navigation menu with various options like CMC Home, Access Levels, Applications, etc. A red arrow points to the "Servers" option in this menu. Another red arrow points to the "Define" button in the center panel, which has links for Access Levels, Calendars, and Events. The URL in the address bar starts with "http://[REDACTED]" followed by some query parameters.

-Click on the ‘adaptivejobserver’ icon under ‘server name’



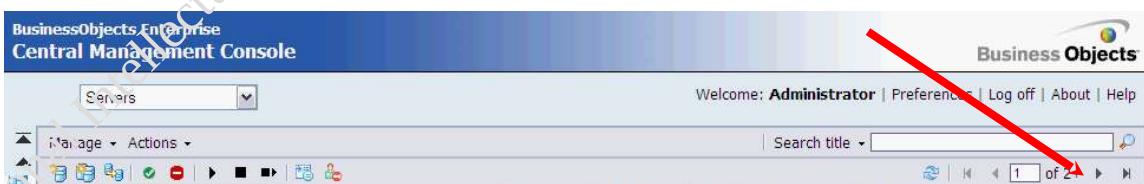
-In the properties page, UNcheck the ‘automatically start this server when the server intelligence agent starts’

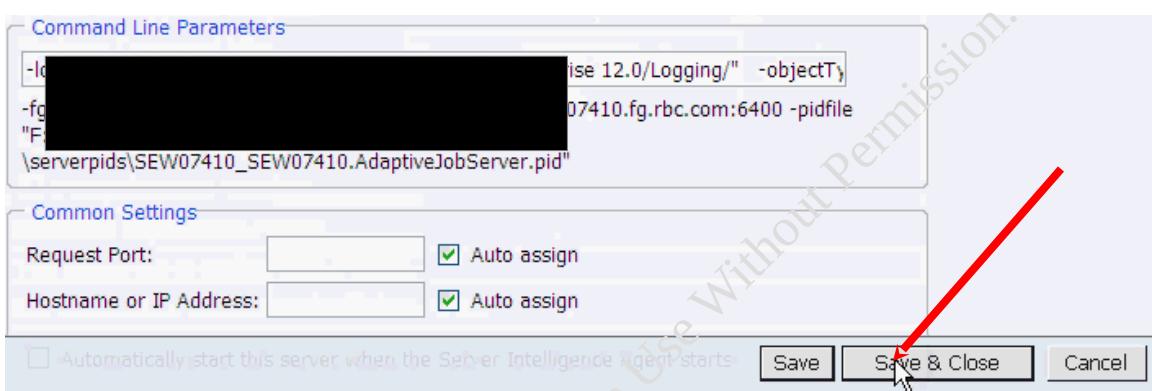
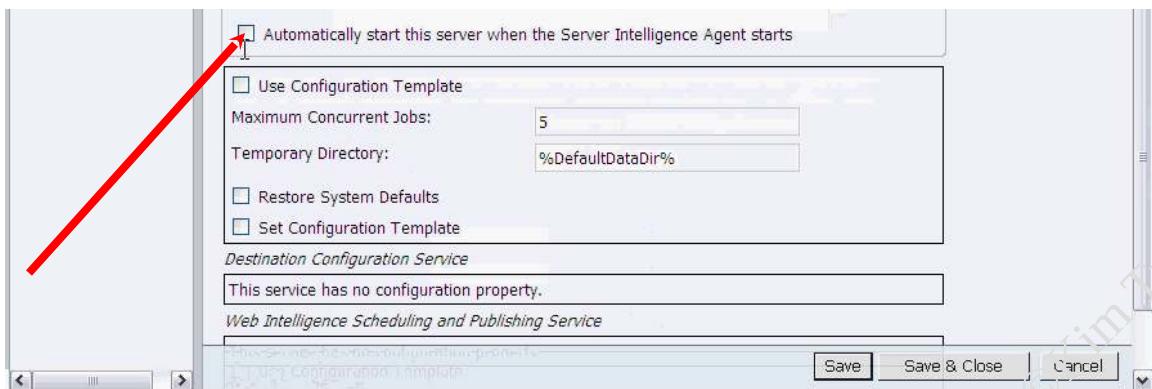
-Click ‘save and close’

-Repeat steps for multiple entries, (you may need to continue on next page)

-In this example:

- adaptiveprocessingserver
 - crystalreportscacheserver
 - crystalreportsjobserver
 - crystalreportsprocessingserver
 - desktopintelligencecacheserver
 - desktopintelligencejobserver
 - desktopintelligenceprocessingserver
 - multidimensionalanalysisservicesserver
 - pmmetricsserver
 - pmmrulerserver
 - predictiveanalysisserver
 - processanalysisserver
 - publicationjobserver
 - setsprofileserver
 - setsqueryserver





-When done, log off

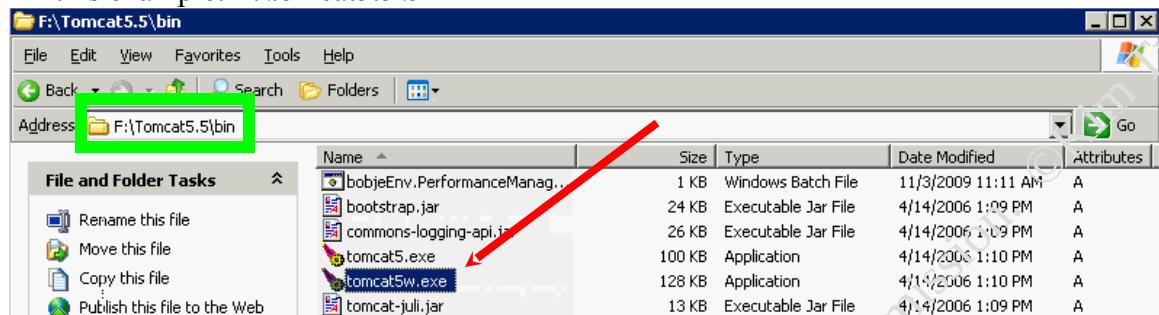


-When done, close applications/windows, then log off

--Troubleshooting--

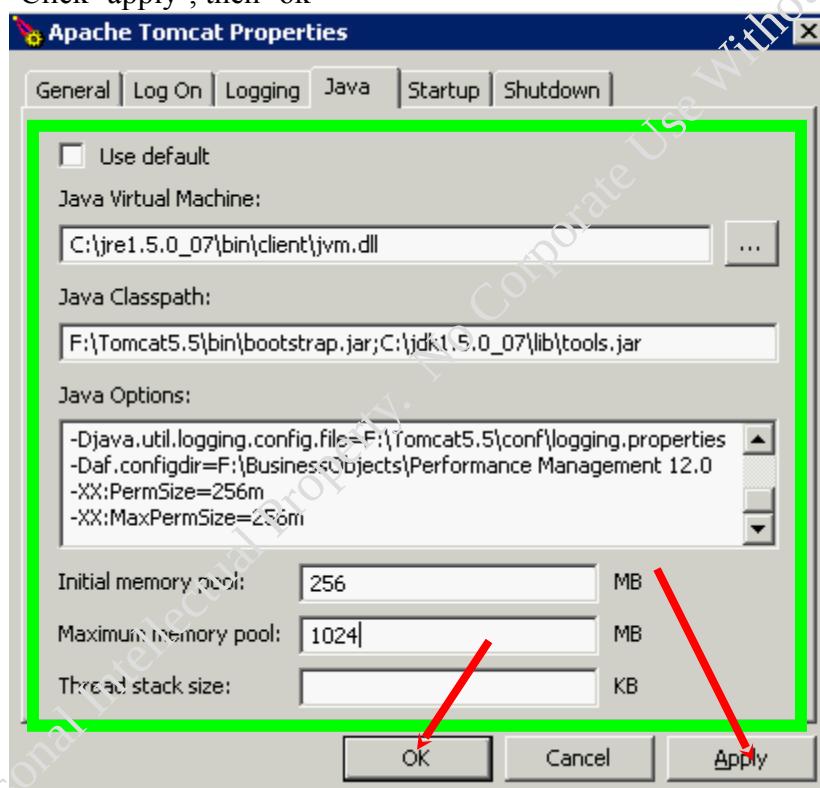
-Open the 'tomcat5w.exe' configuration

-In this example: f:\tomcat5.5\bin

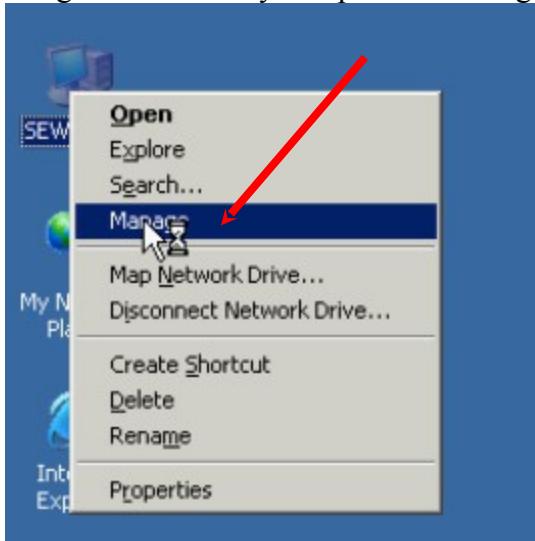


-Check the properties of the apache tomcat, verify the info

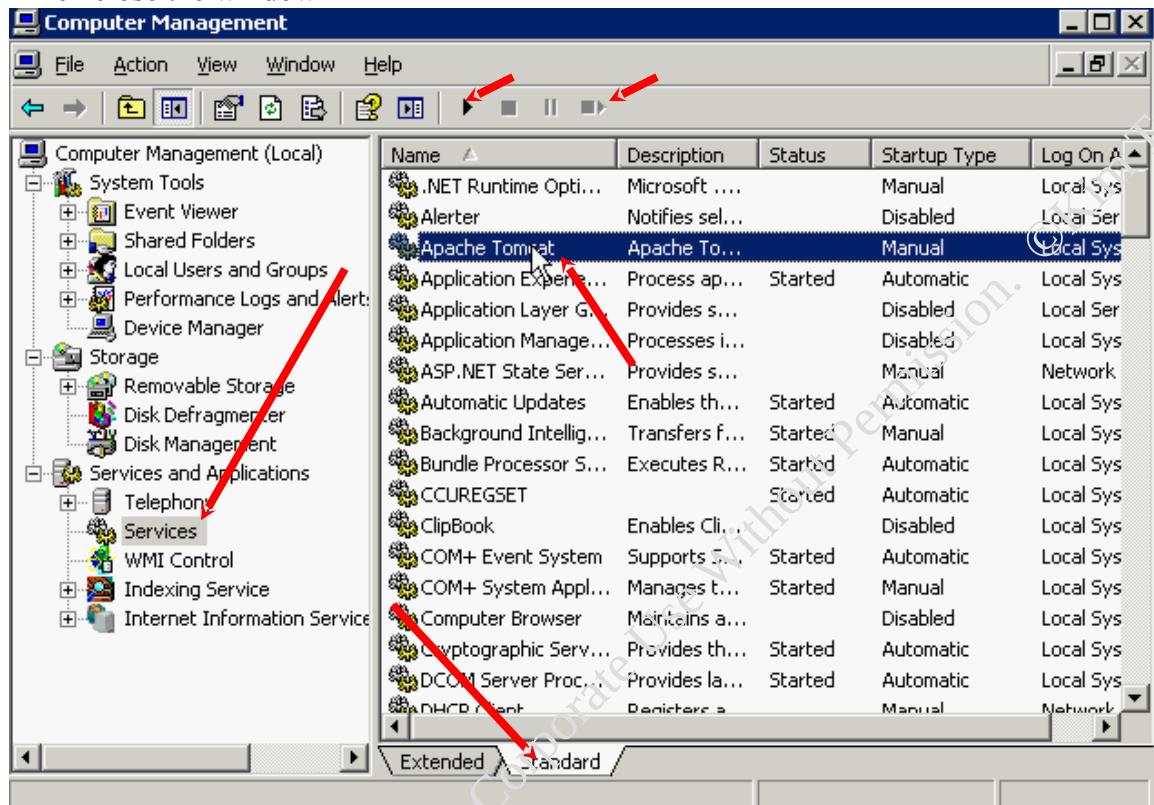
-Click 'apply', then 'ok'



-‘Right click’ on ‘my computer’ > manage



- Click on ‘services’, ‘standard’ tab, then ‘apache tomcat’
- Click on the start or restart service button
- The service should be trying to start/restart
- Then close the window



- Try to login to the businessobjects infoview again

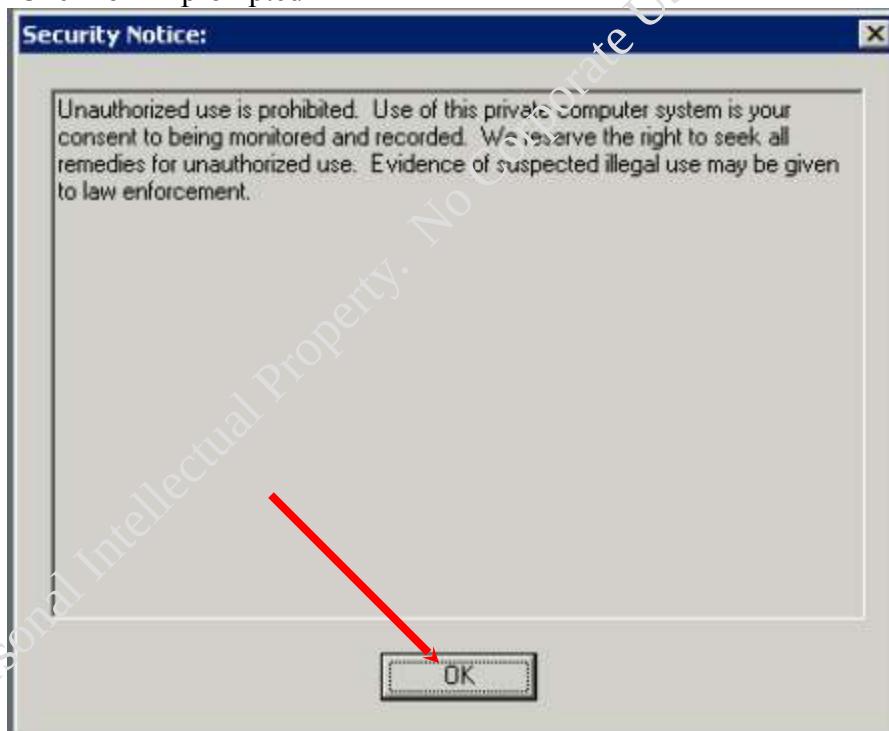
FRS-Frontier – 12 – businessobjects import wizard and configurations

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

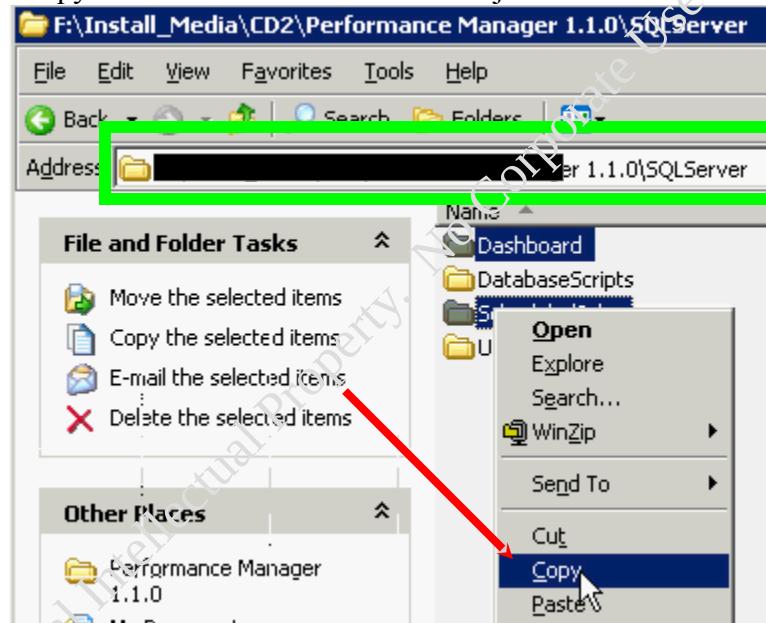


-Enter credentials to log in



-Navigate to the appropriate directory, in this example:

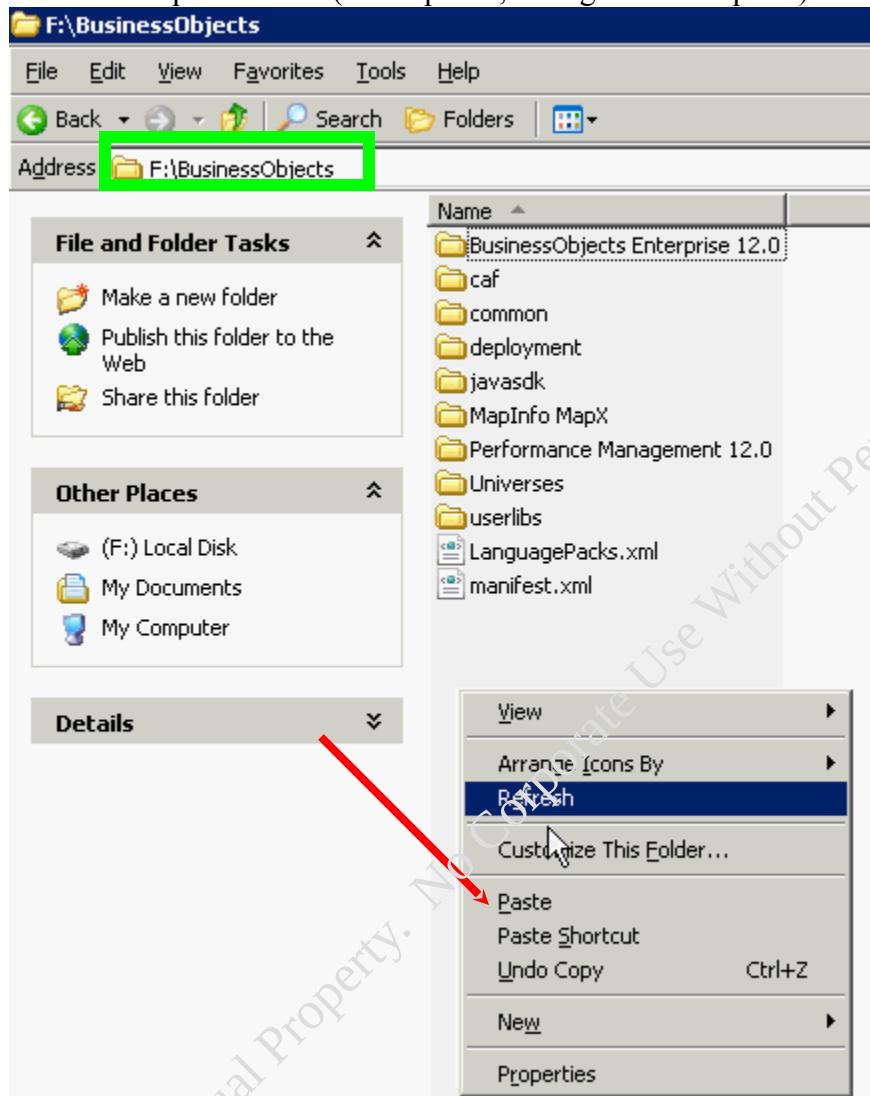
-f:\install_media\cd2\performance manager 1.1.0\sqlserver
-Copy the 'dashboard' and 'scheduledjobs' folder



-Navigate to the appropriate directory, in this example

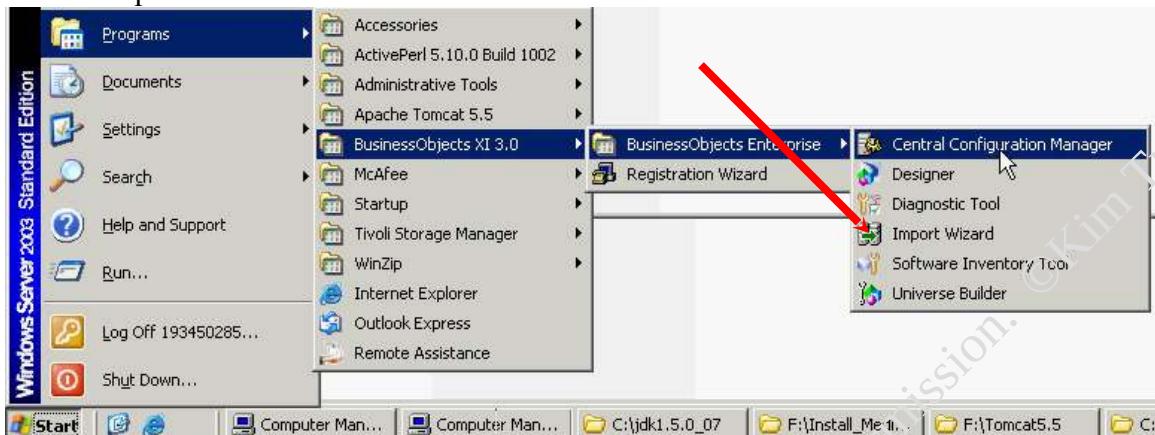
-f:\businessobjects

-Paste the copied folders (edit > paste ; or 'right click' > paste)

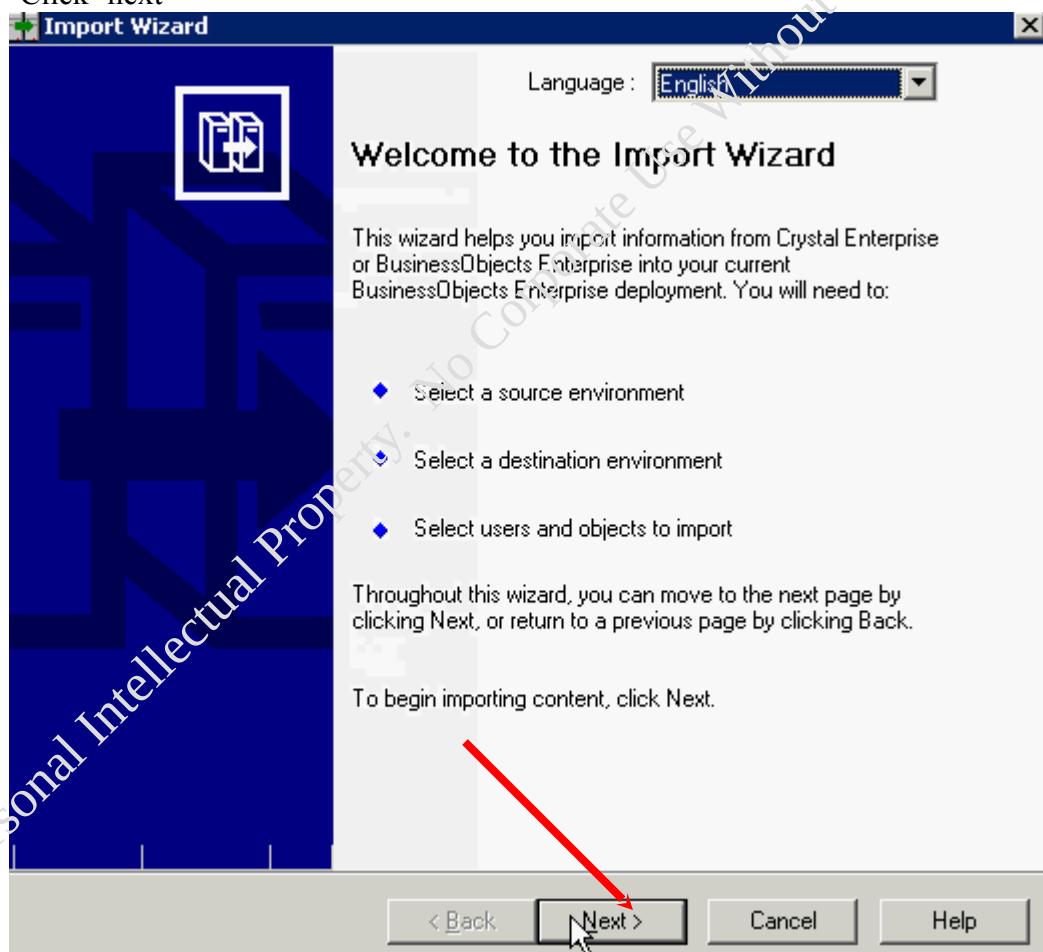


-Open up ‘import wizard’

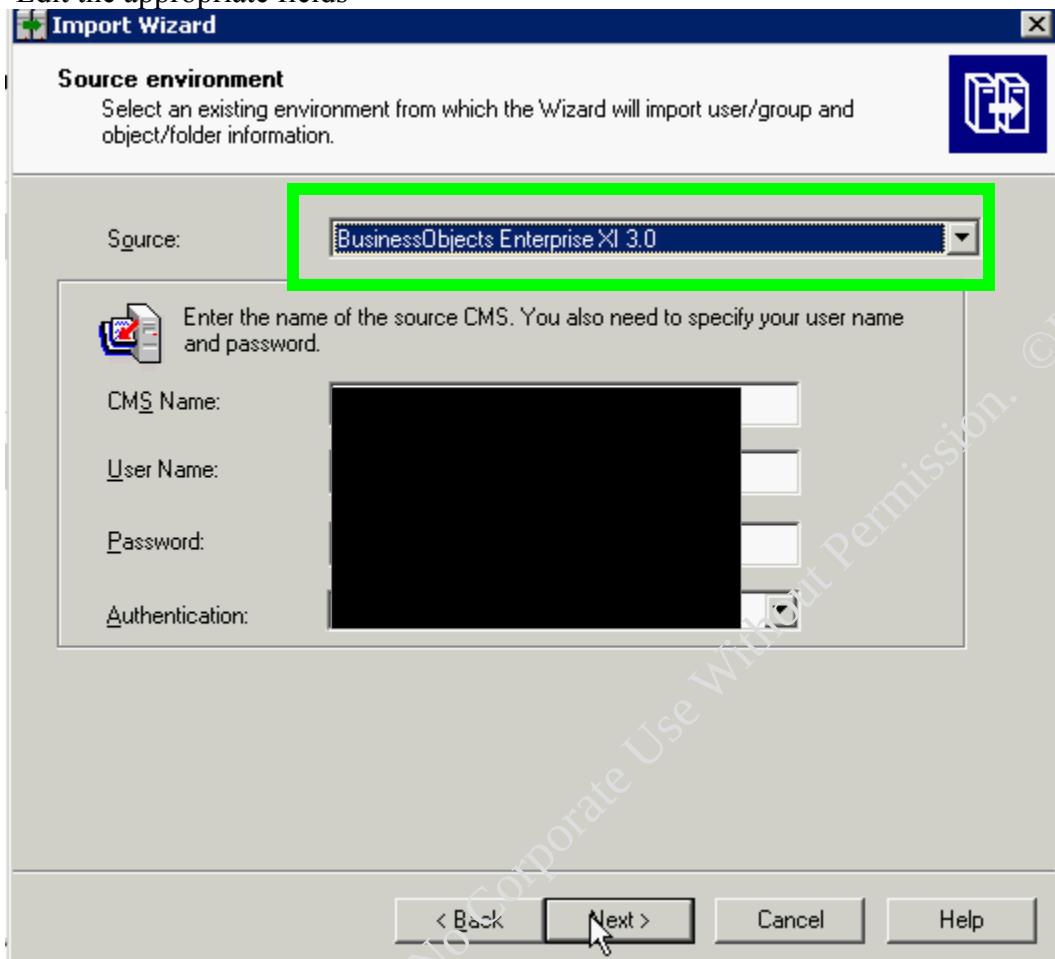
-Start > programs > businessobjects xi 3.0 > businessobjects enterprise > import wizard



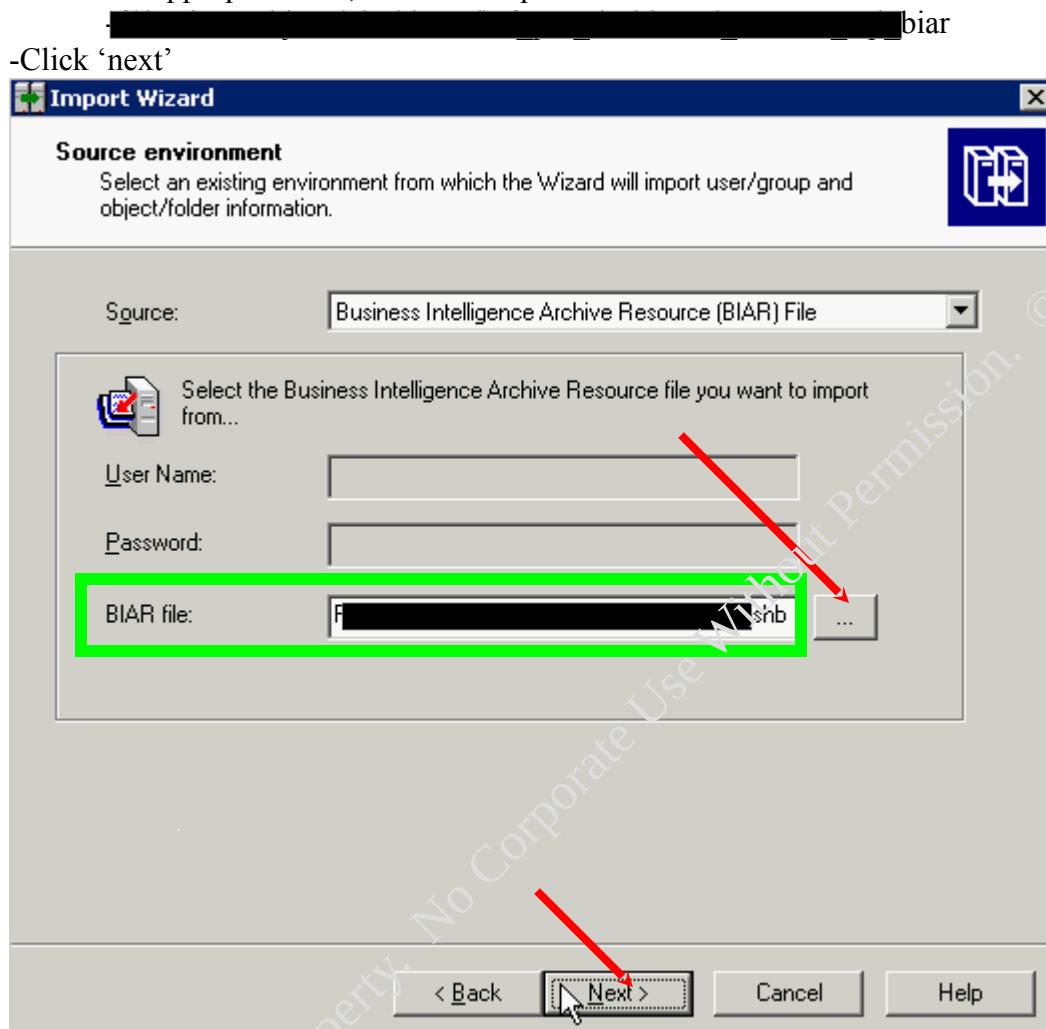
-Click ‘next’

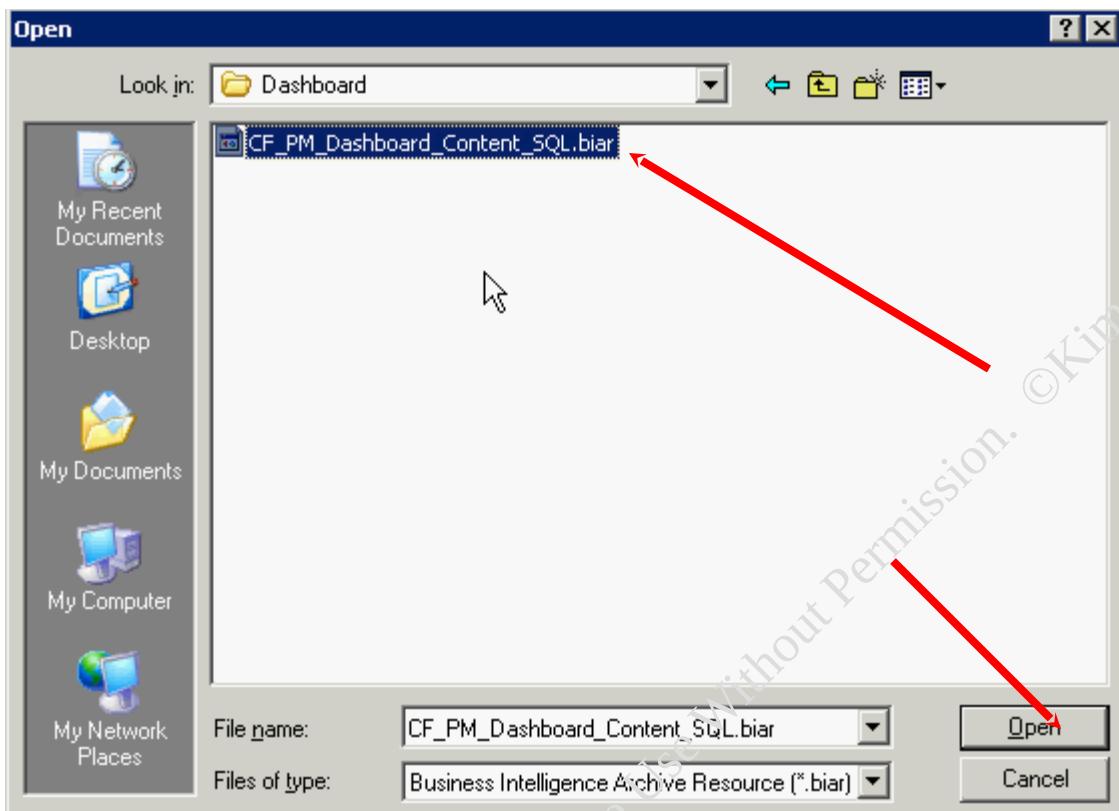


-Edit the appropriate fields



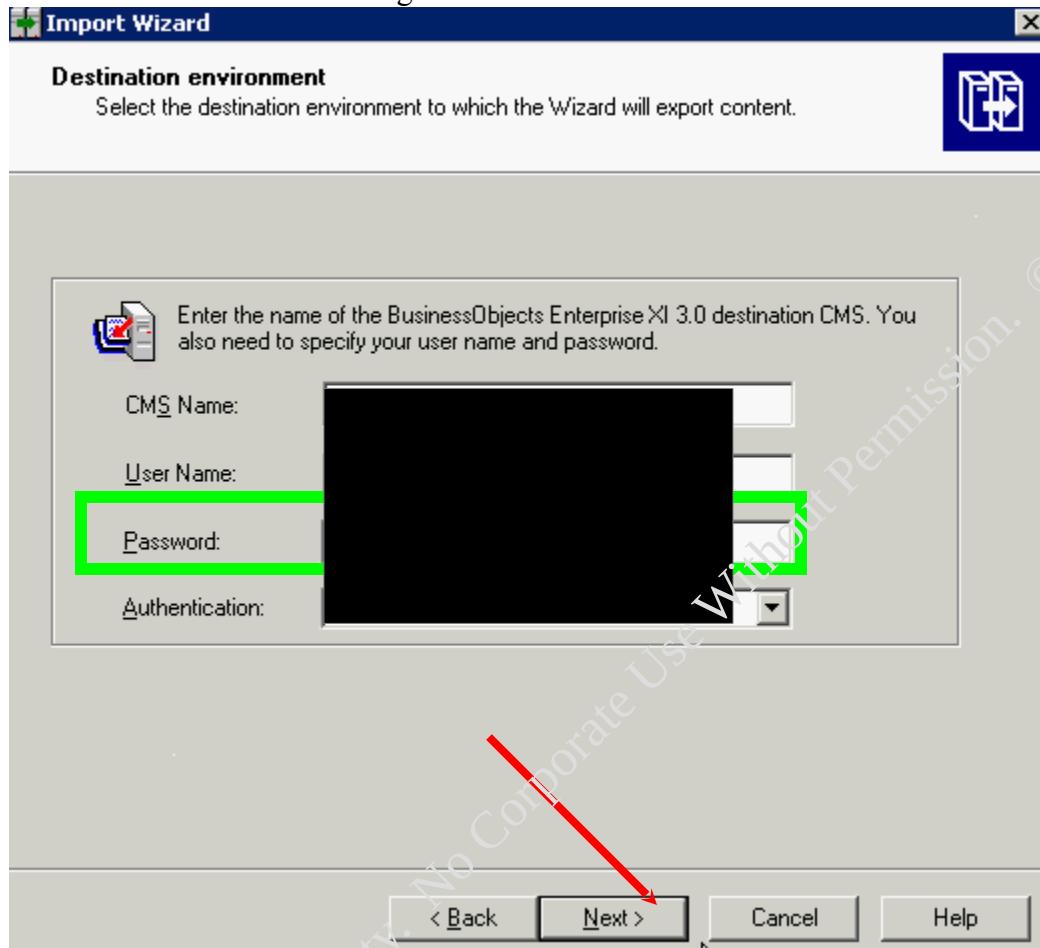
- Click on the browse ‘...’ button
- Select the appropriate file, in this example:

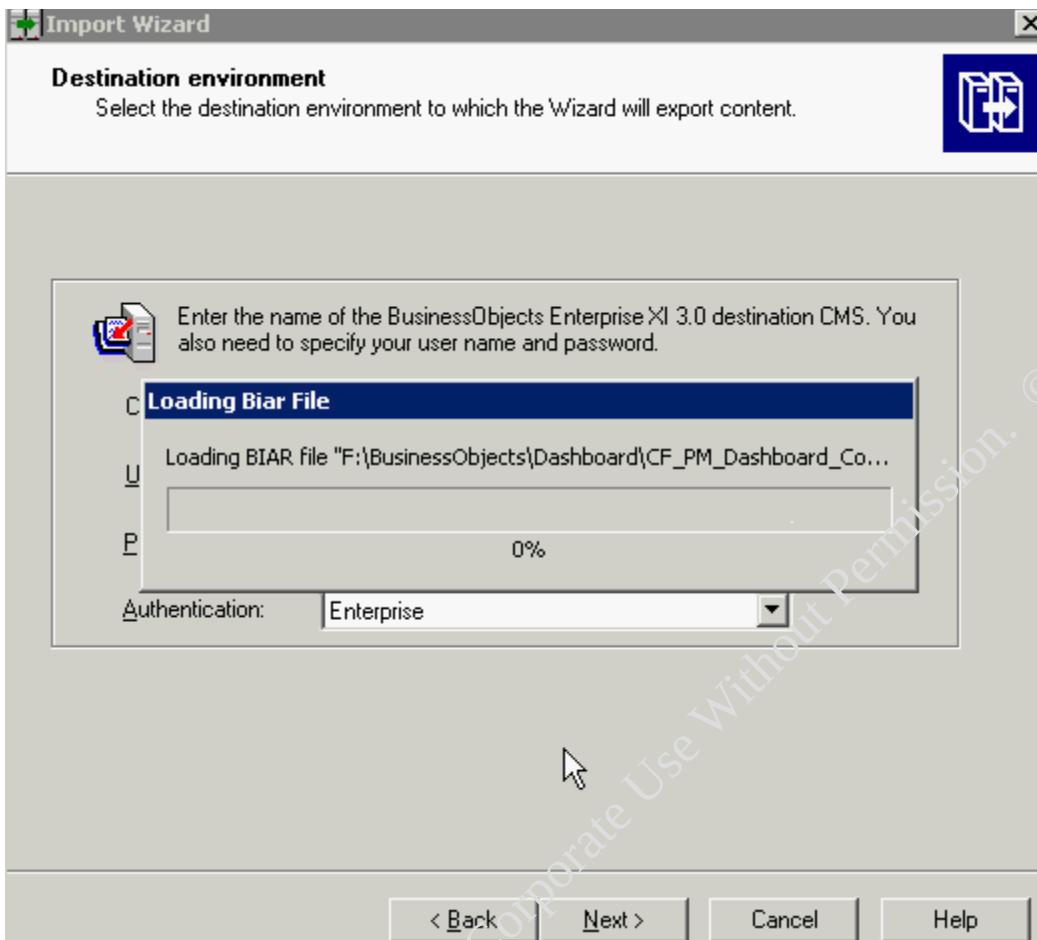




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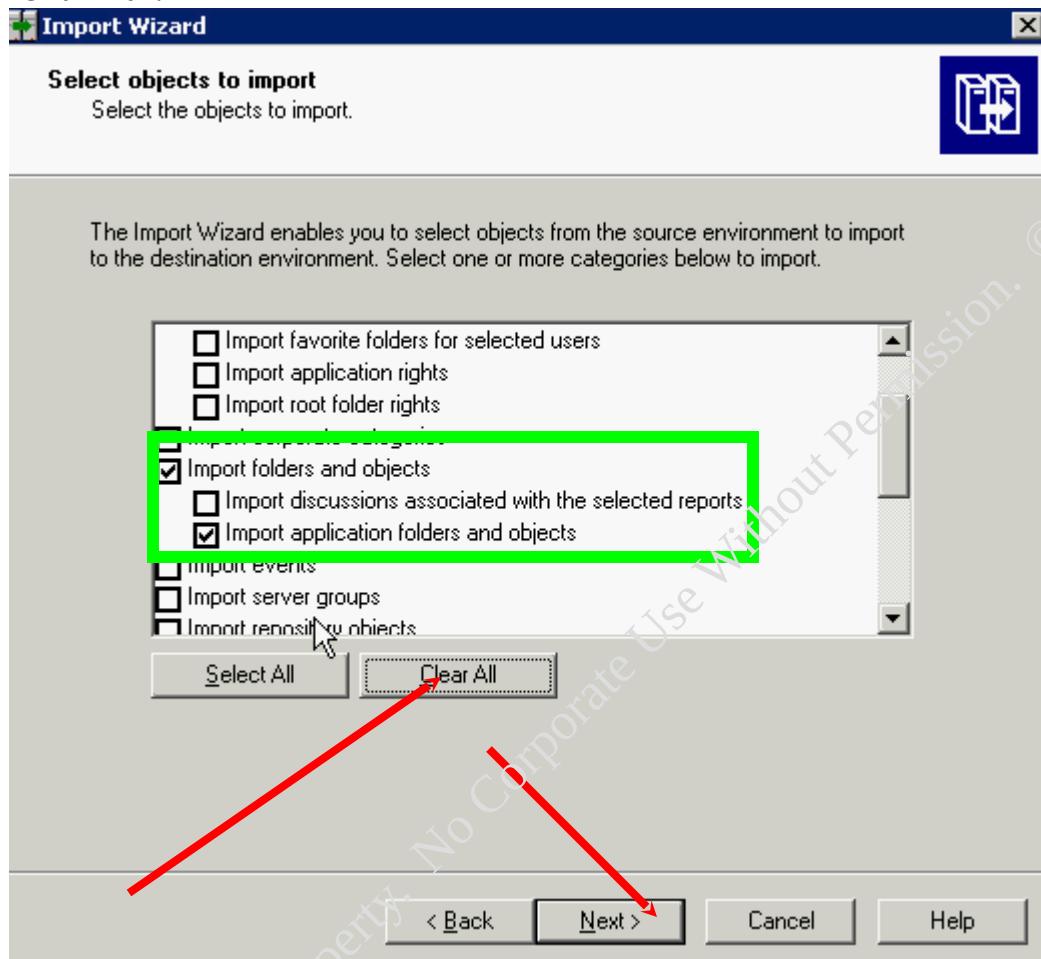
- Edit/update the appropriate fields
- Click 'next'
- The biar file should be loading



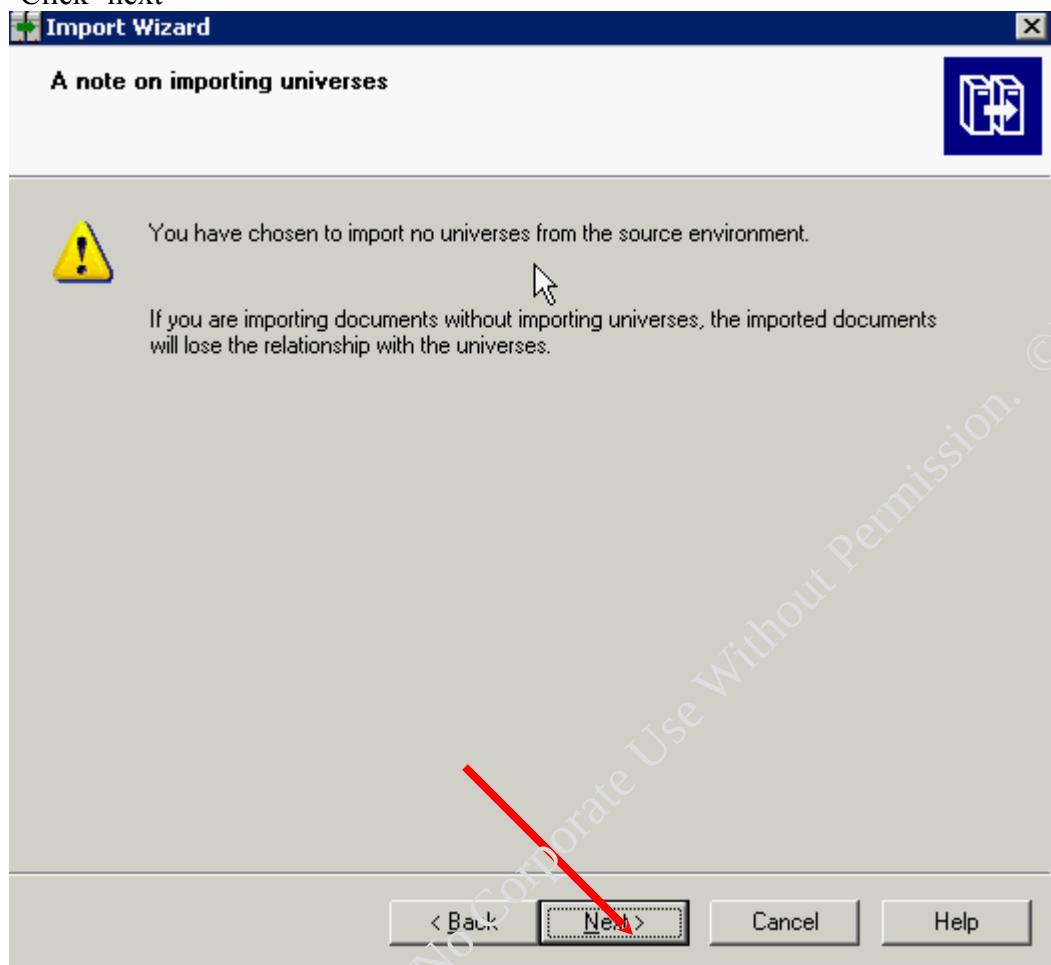


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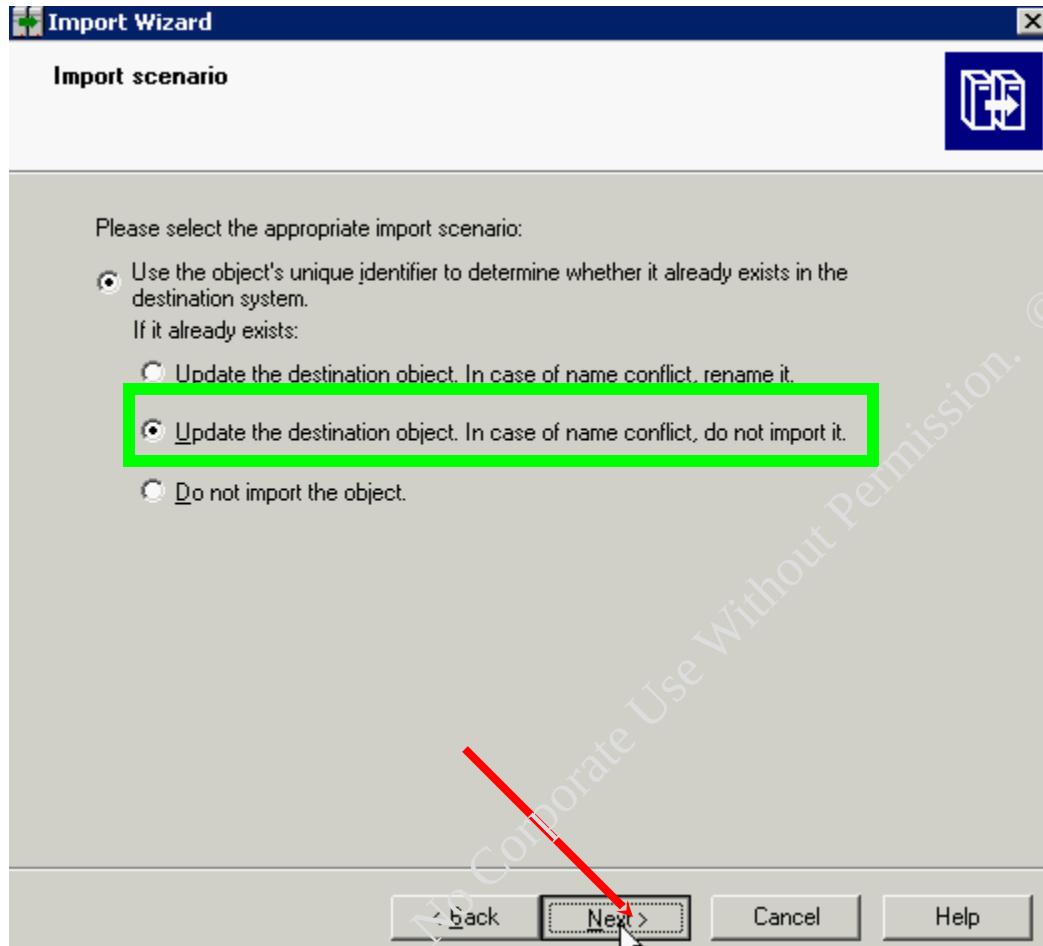
- Click the ‘clear all’ button
- Check the ‘import folders and objects’
- UNcheck the ‘import discussions associated with the selected reports’
- Click ‘next’



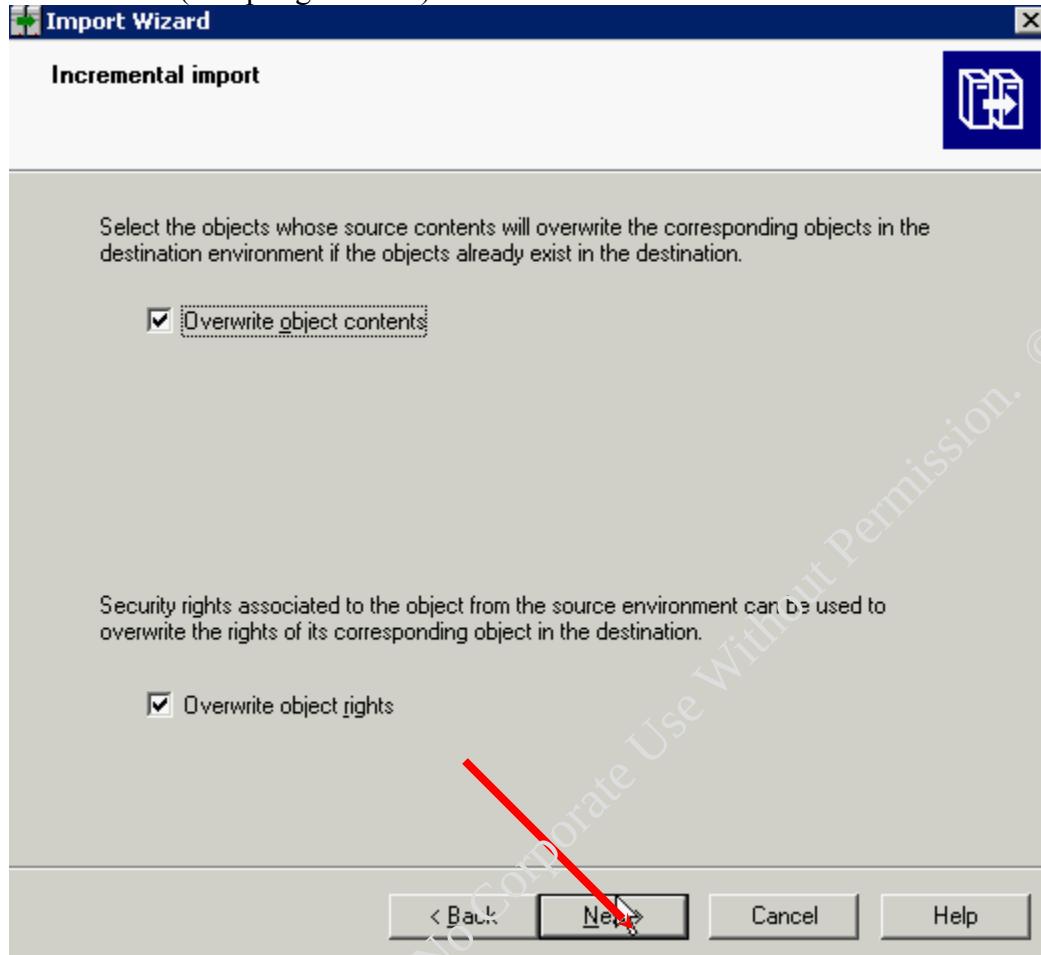
-Click 'next'



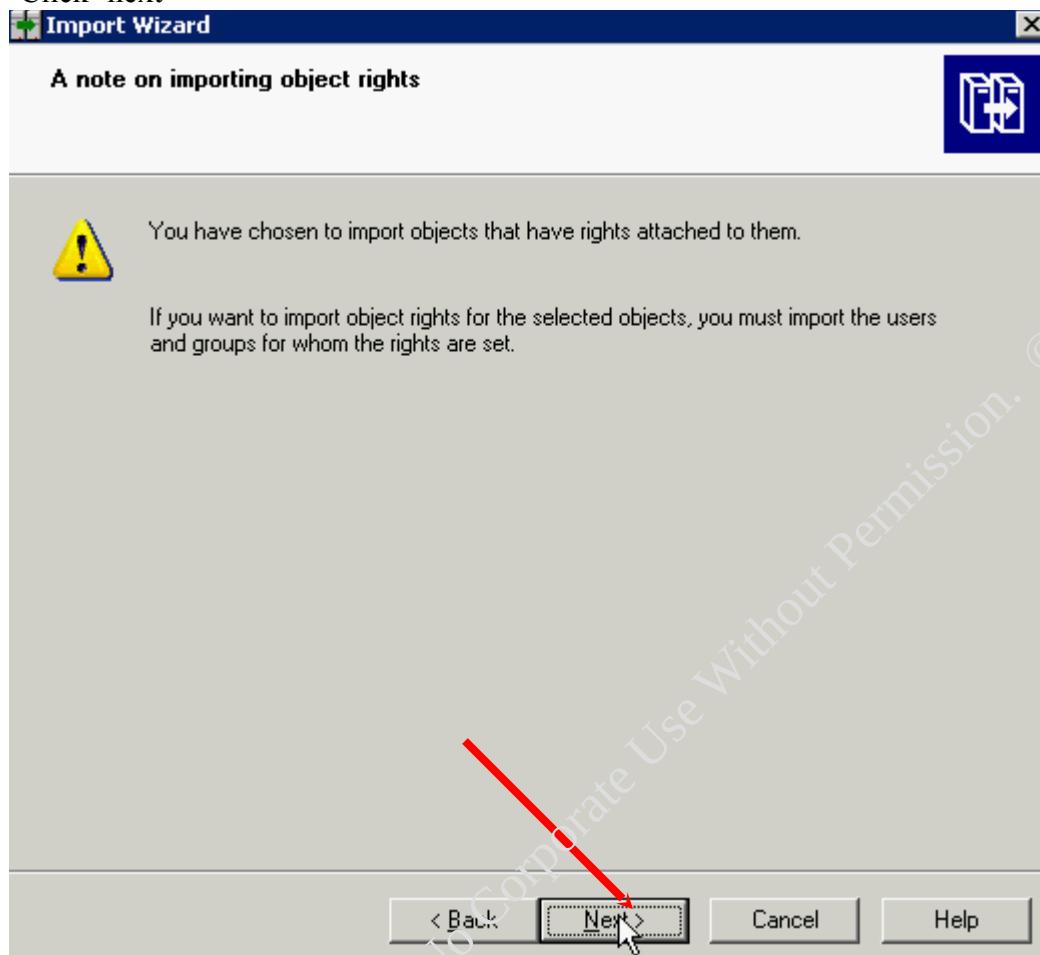
- Edit/update the appropriate field
- Click 'next'



-Click ‘next’ (accepting defaults)

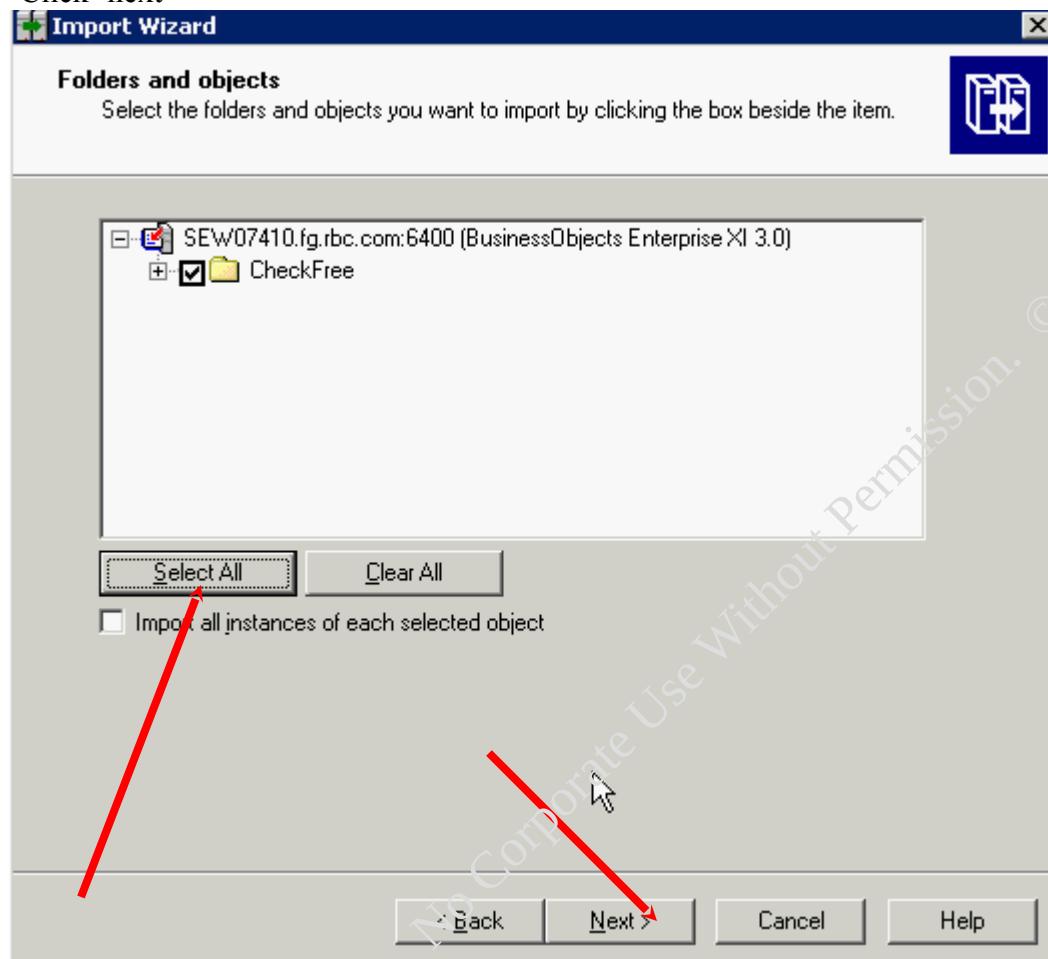


-Click ‘next’

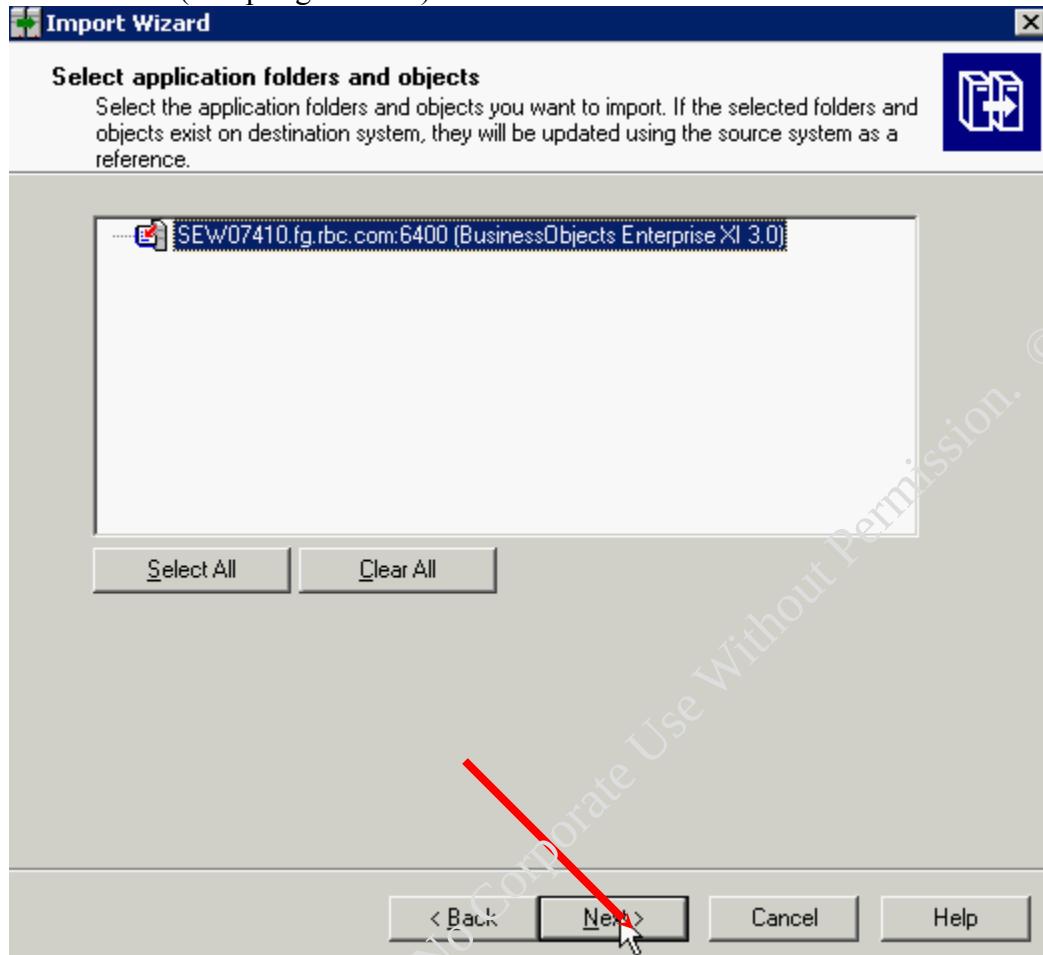


-Click the ‘select all’ button

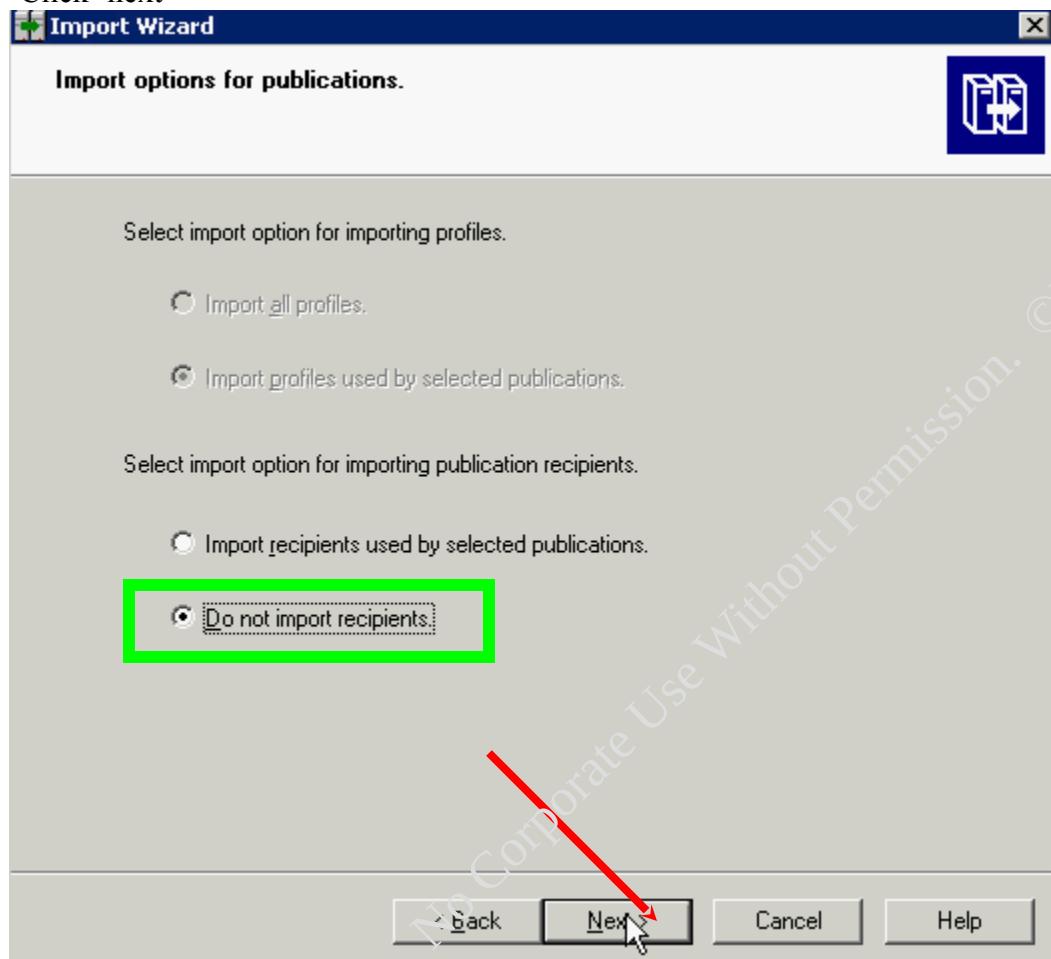
-Click ‘next’



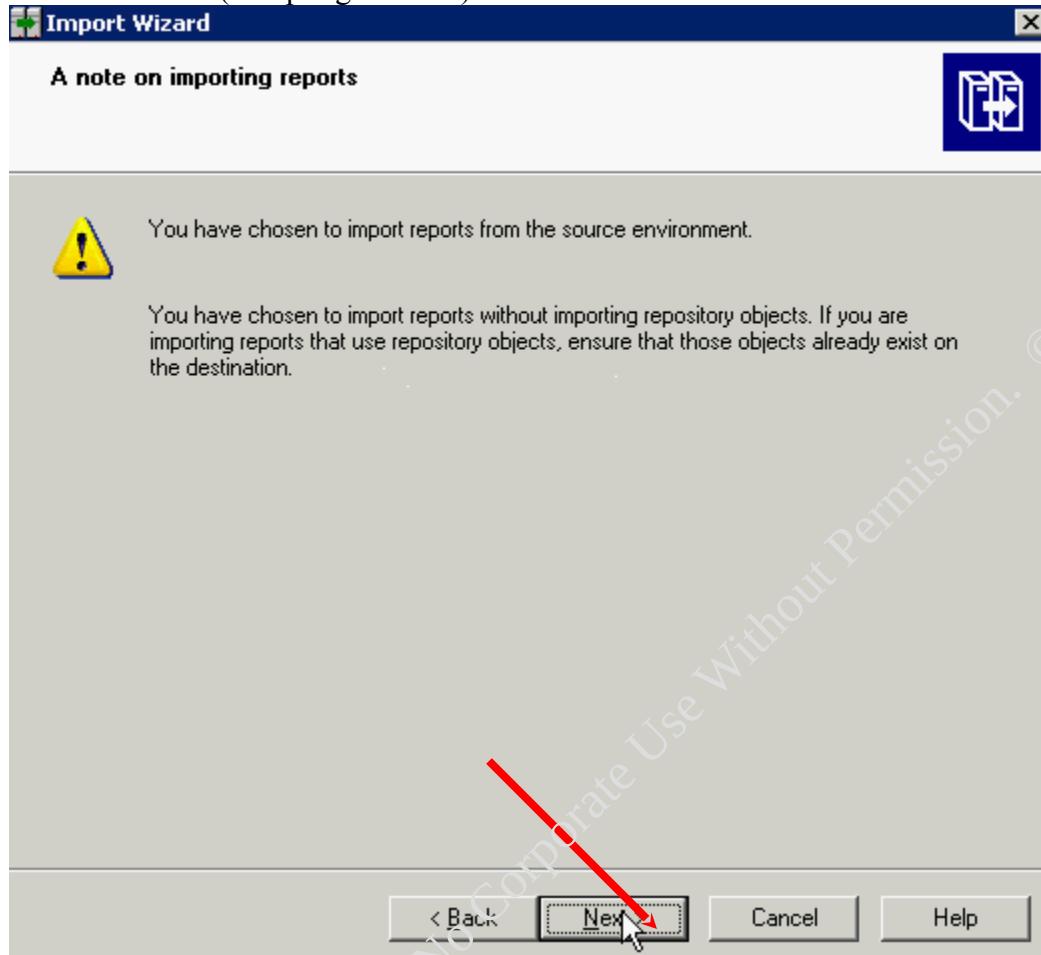
-Click ‘next’ (accepting defaults)



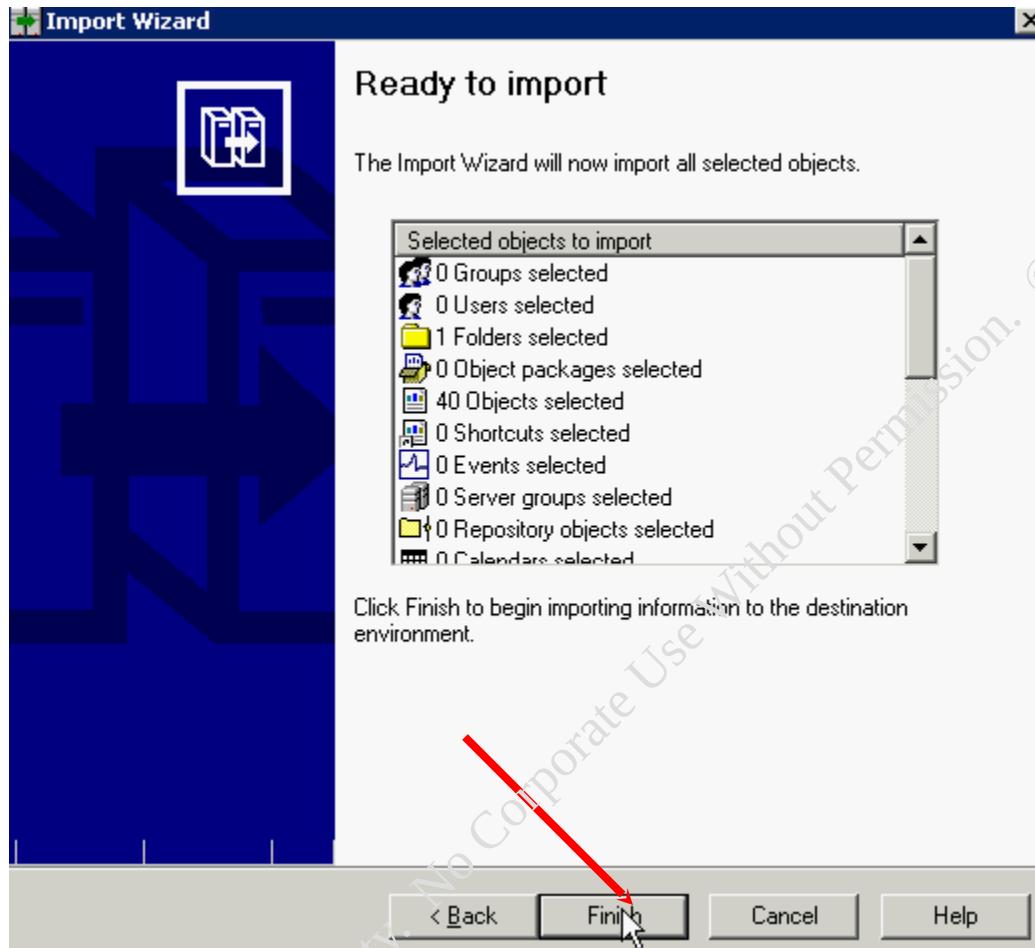
- Edit/update appropriate fields
- Click 'next'

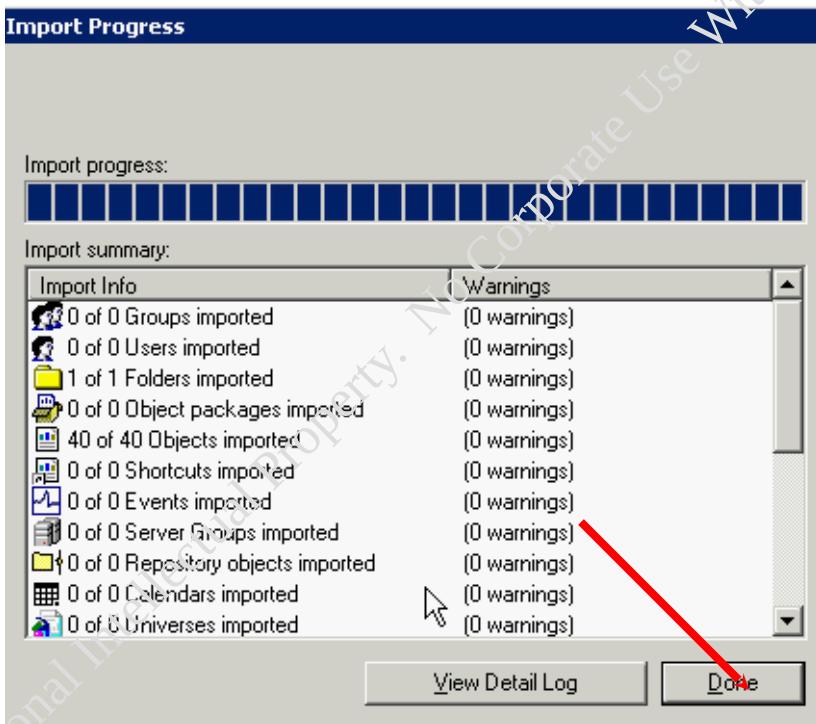
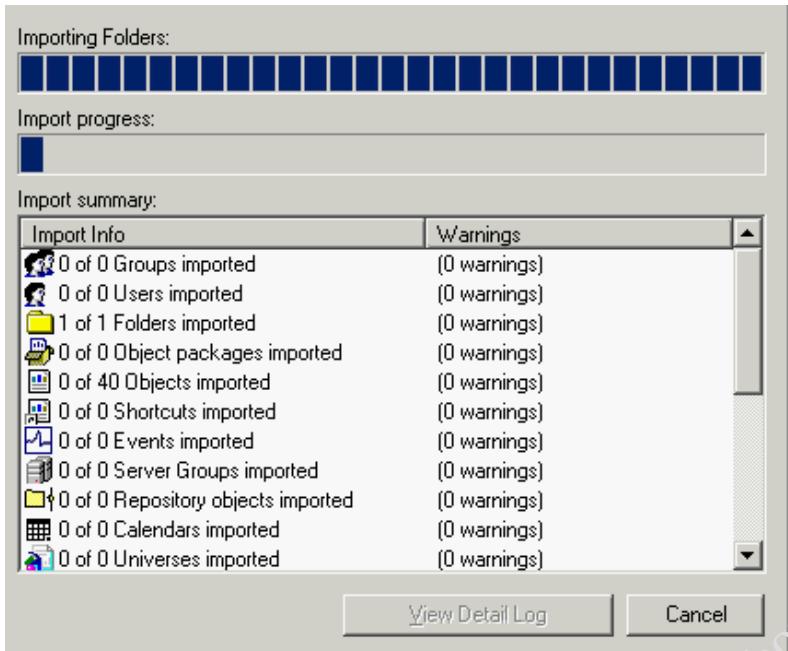


-Click on 'next' (accepting defaults)



- Click on ‘finish’
- The import should be in progress
- Click ‘done’ when it’s finished





-Navigate to the appropriate directory, in this example:

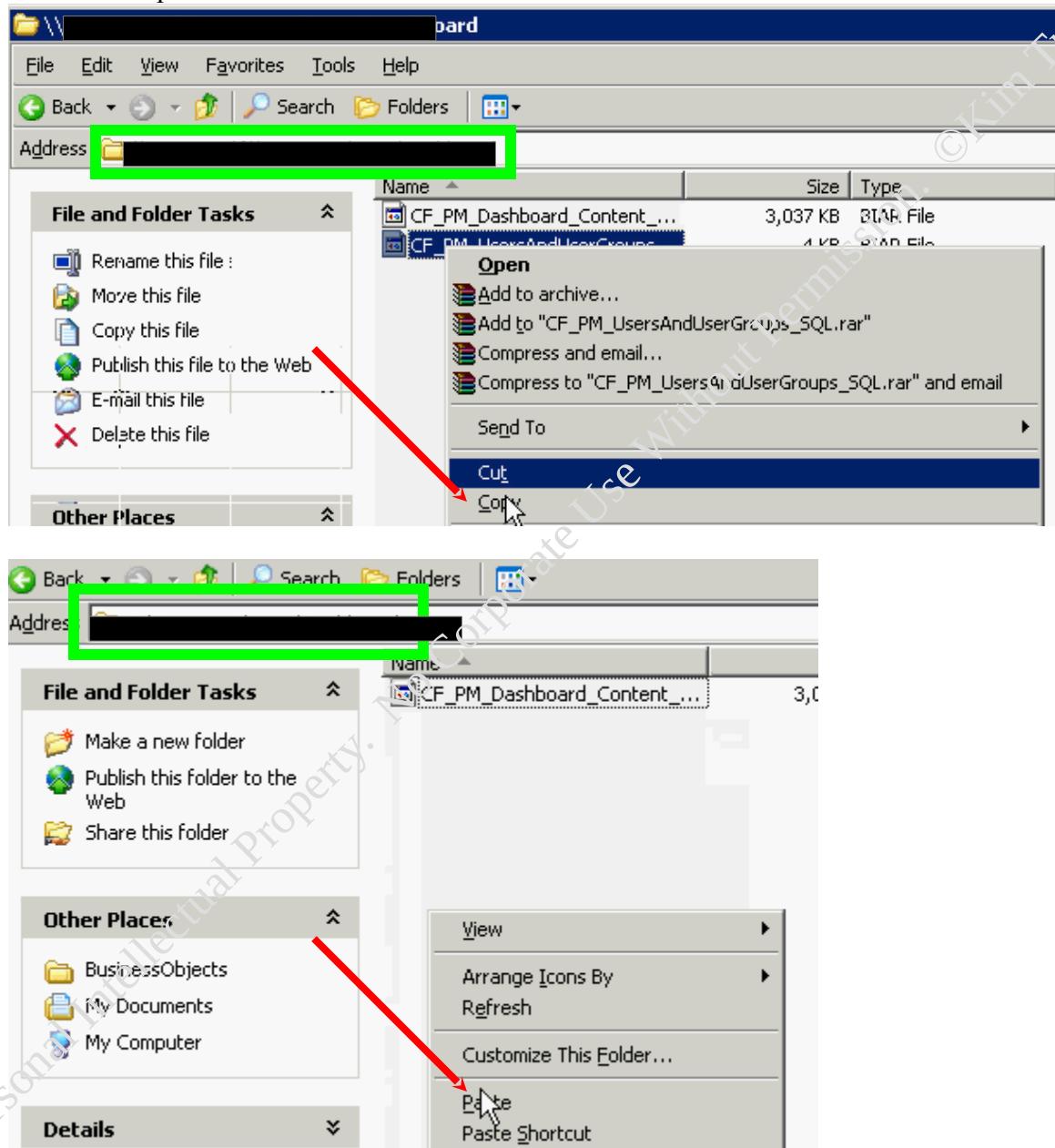
-[ashboard](#)

-Copy the 'cf_pm_usersandusergroups' file

-Navigate to the appropriate directory, in this example:

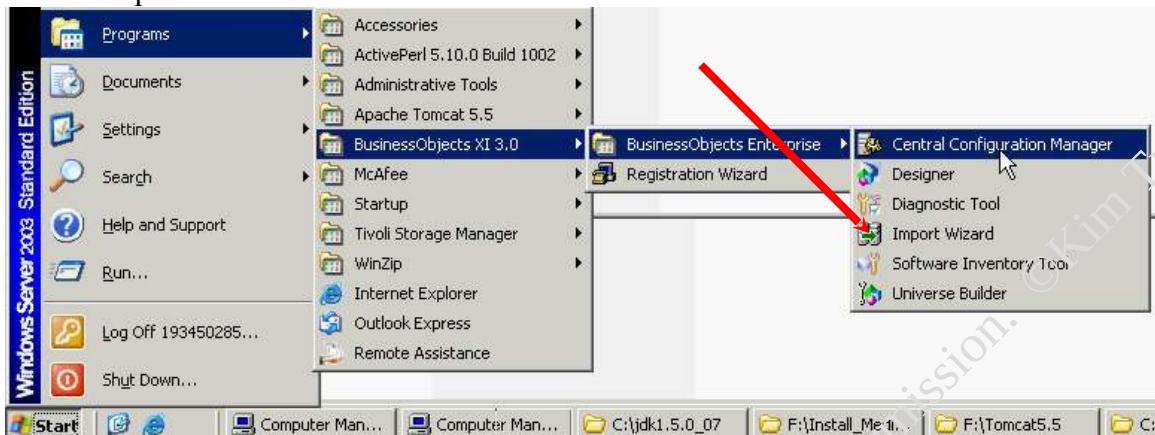
-f:\businessobjects\dashboard

-Paste the copied file

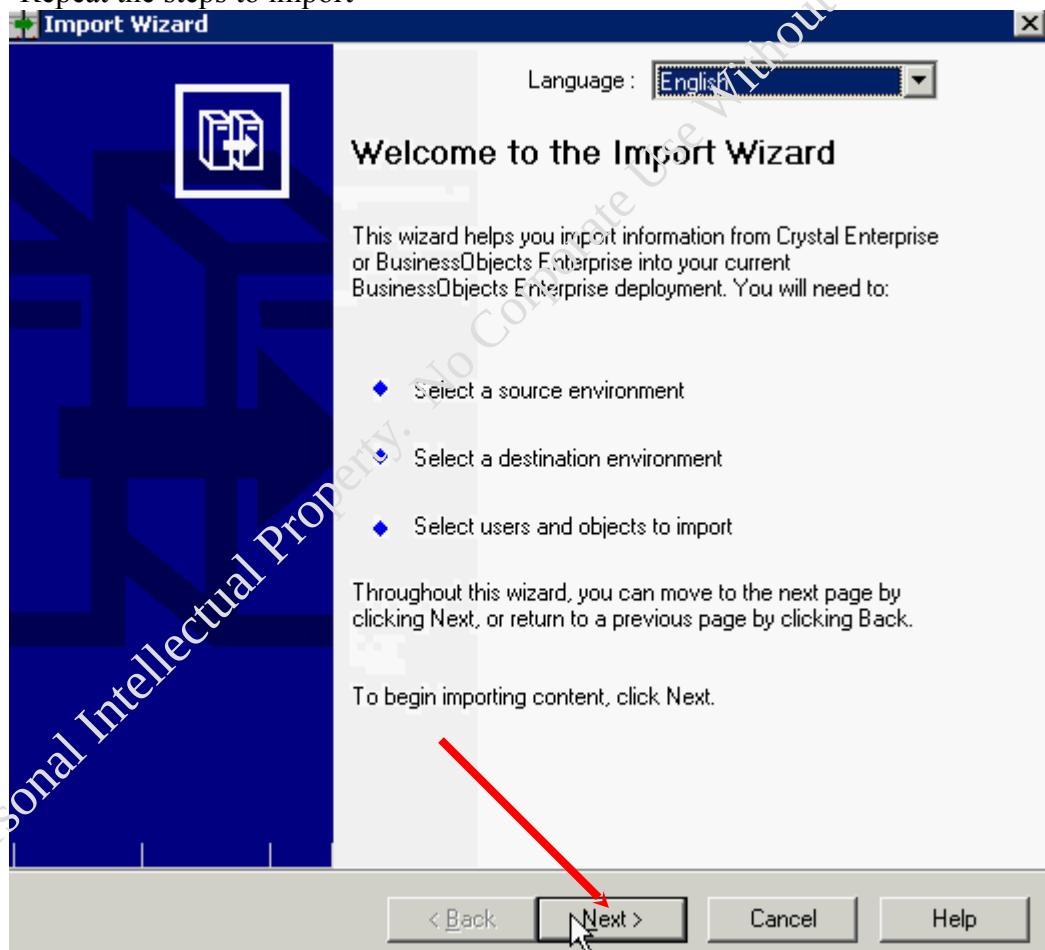


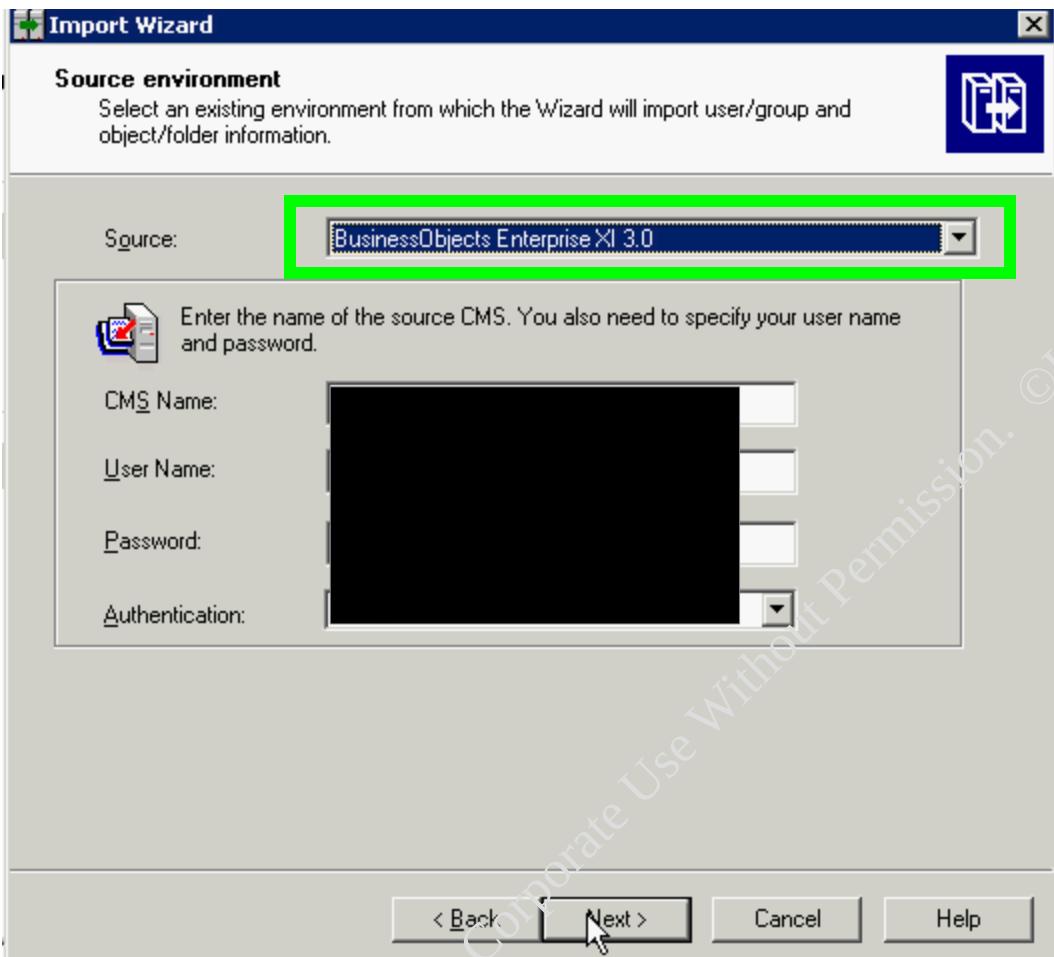
-Open up ‘import wizard’

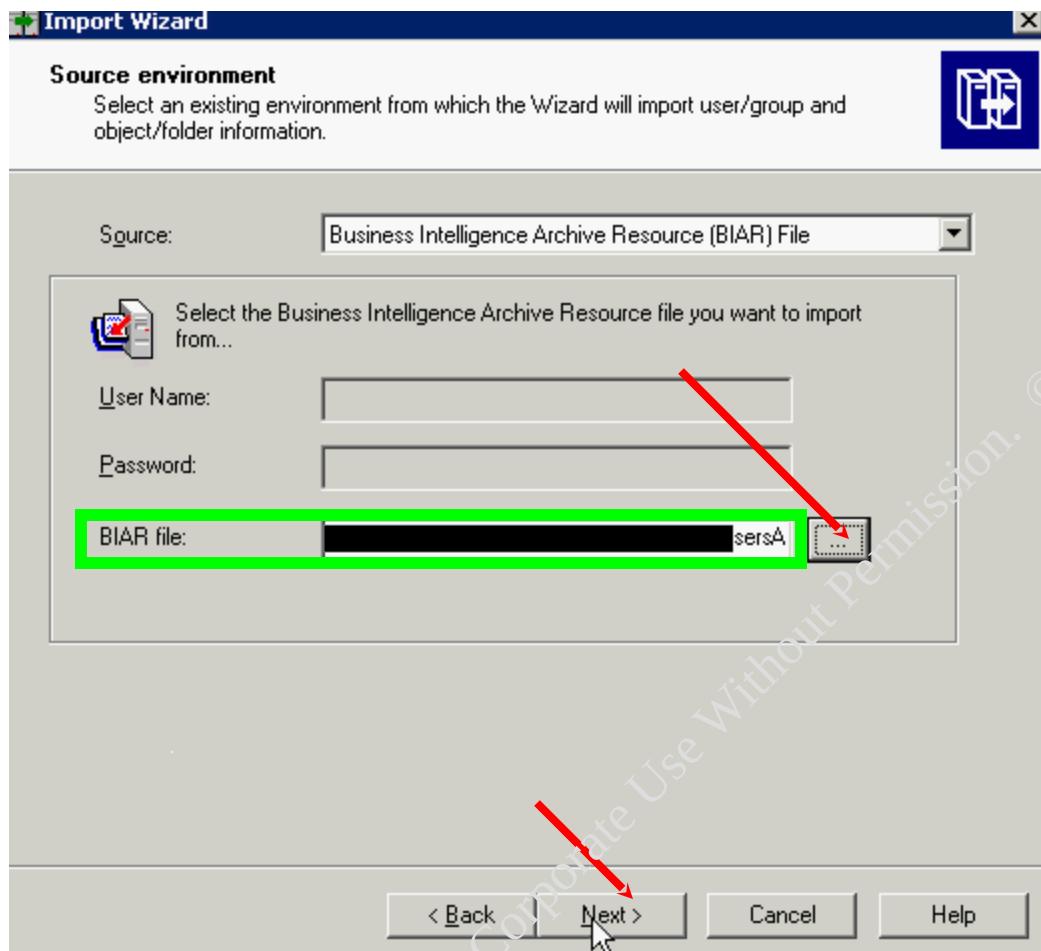
-Start > programs > businessobjects xi 3.0 > businessobjects enterprise > import wizard

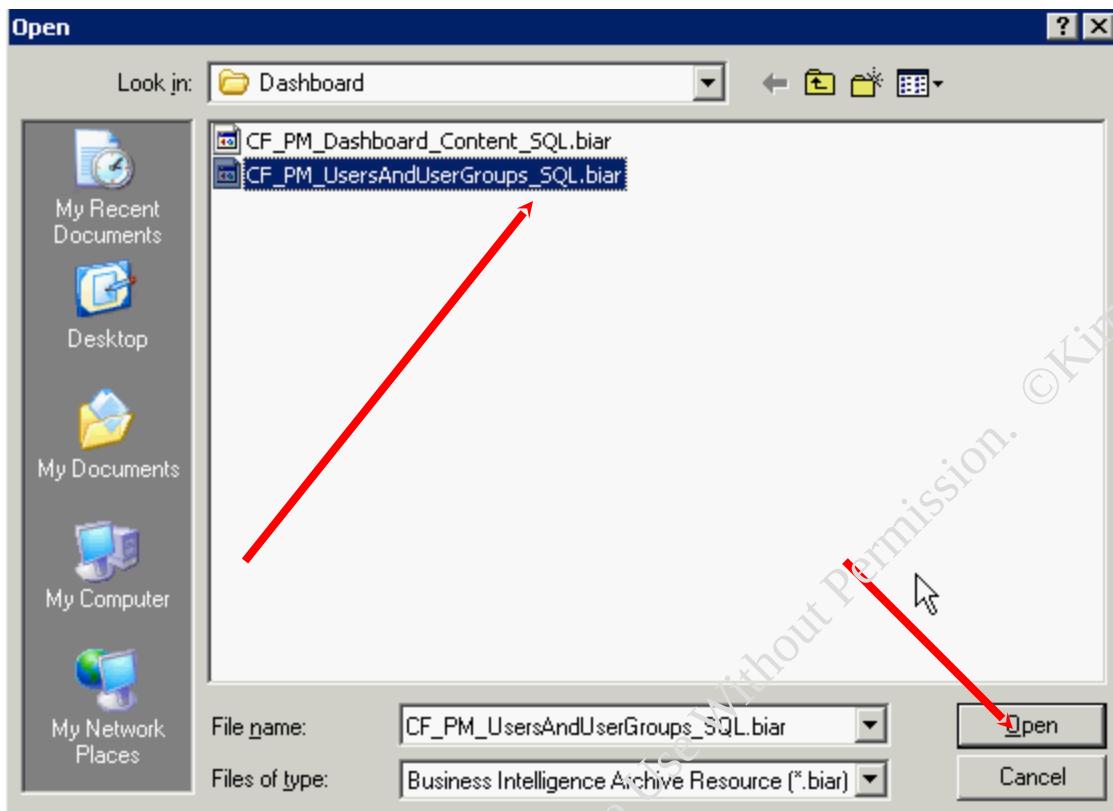


-Repeat the steps to import

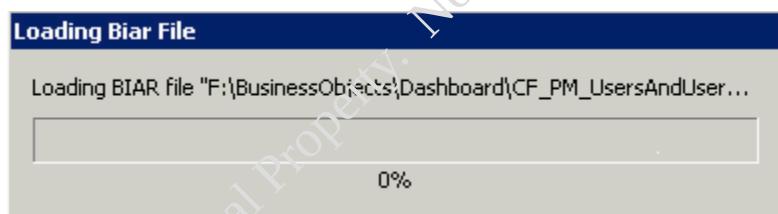
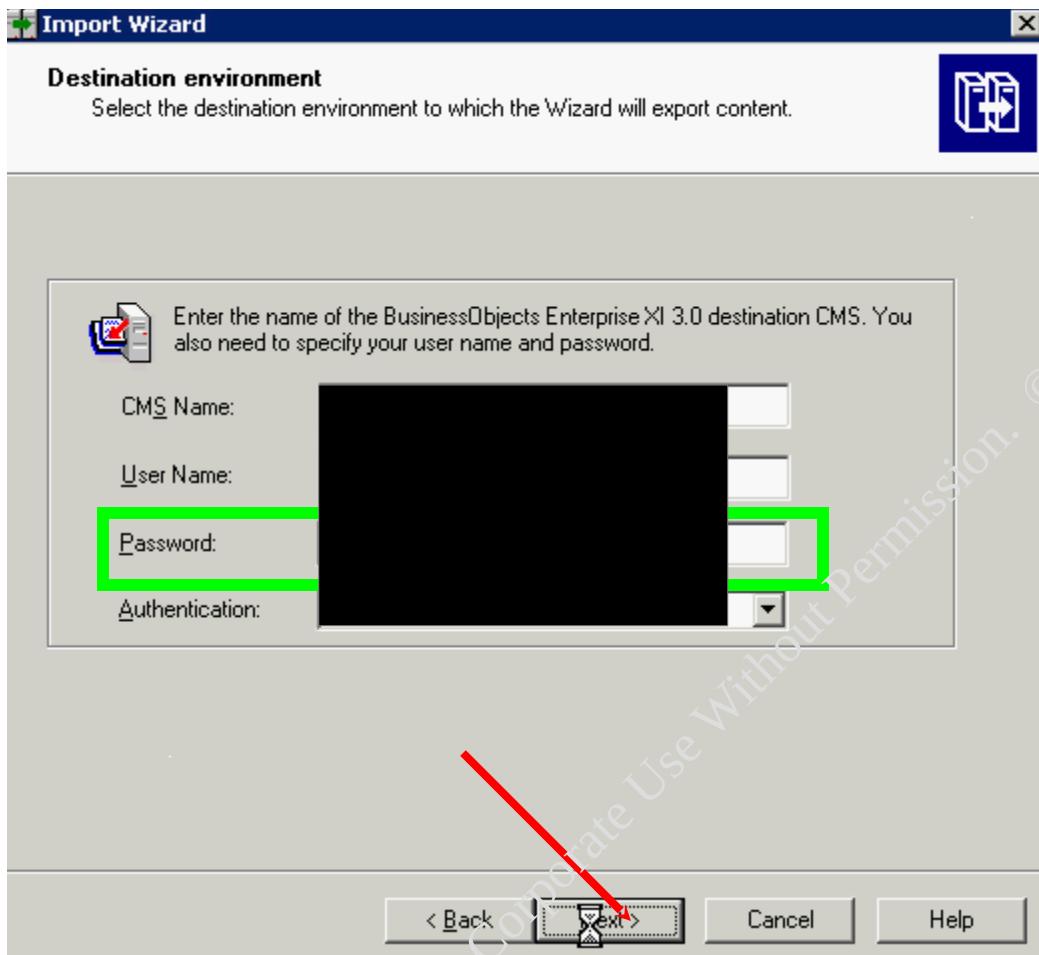




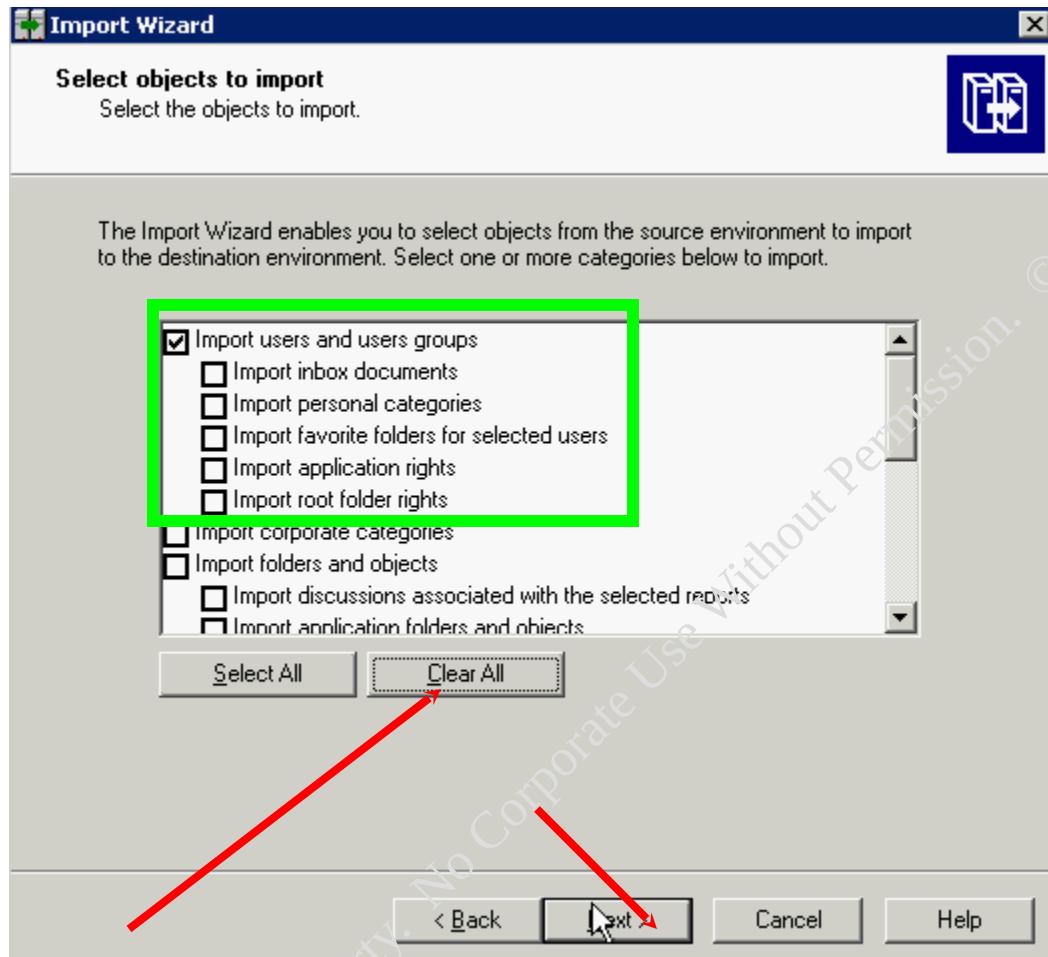


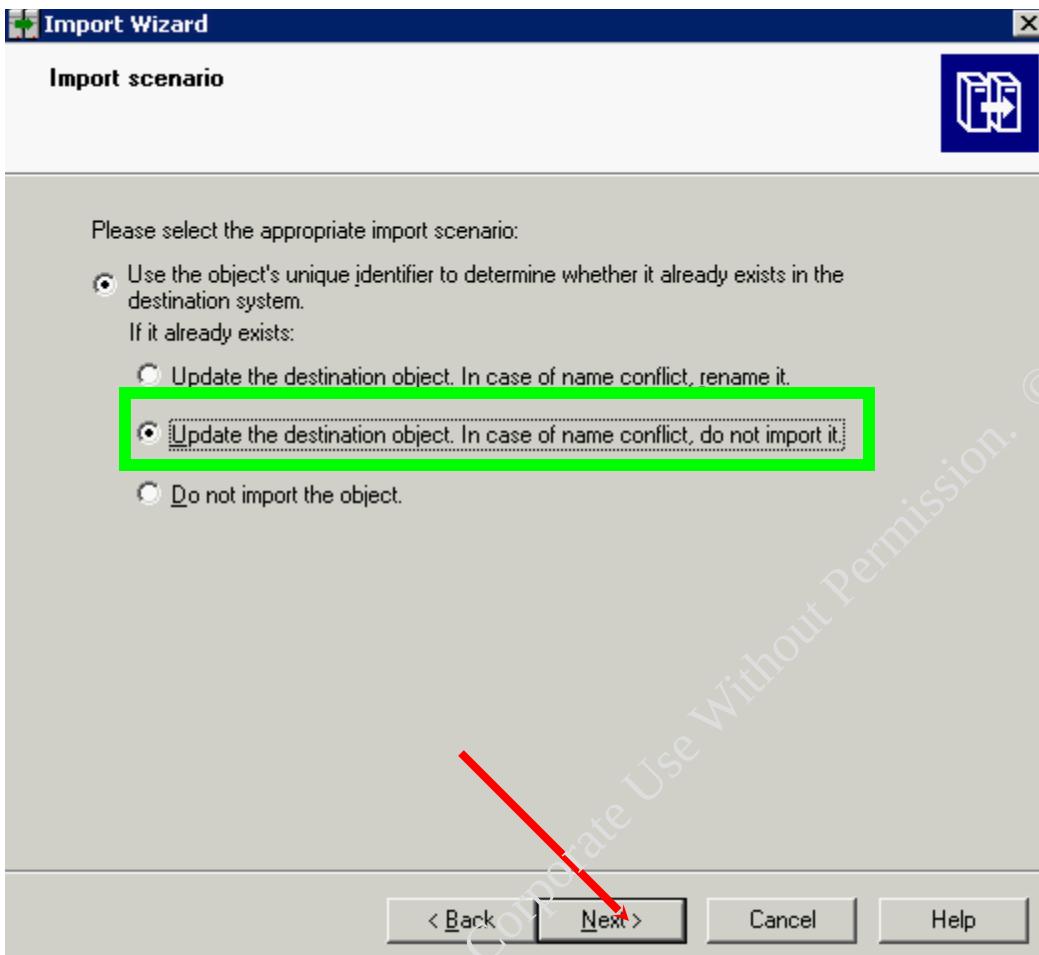


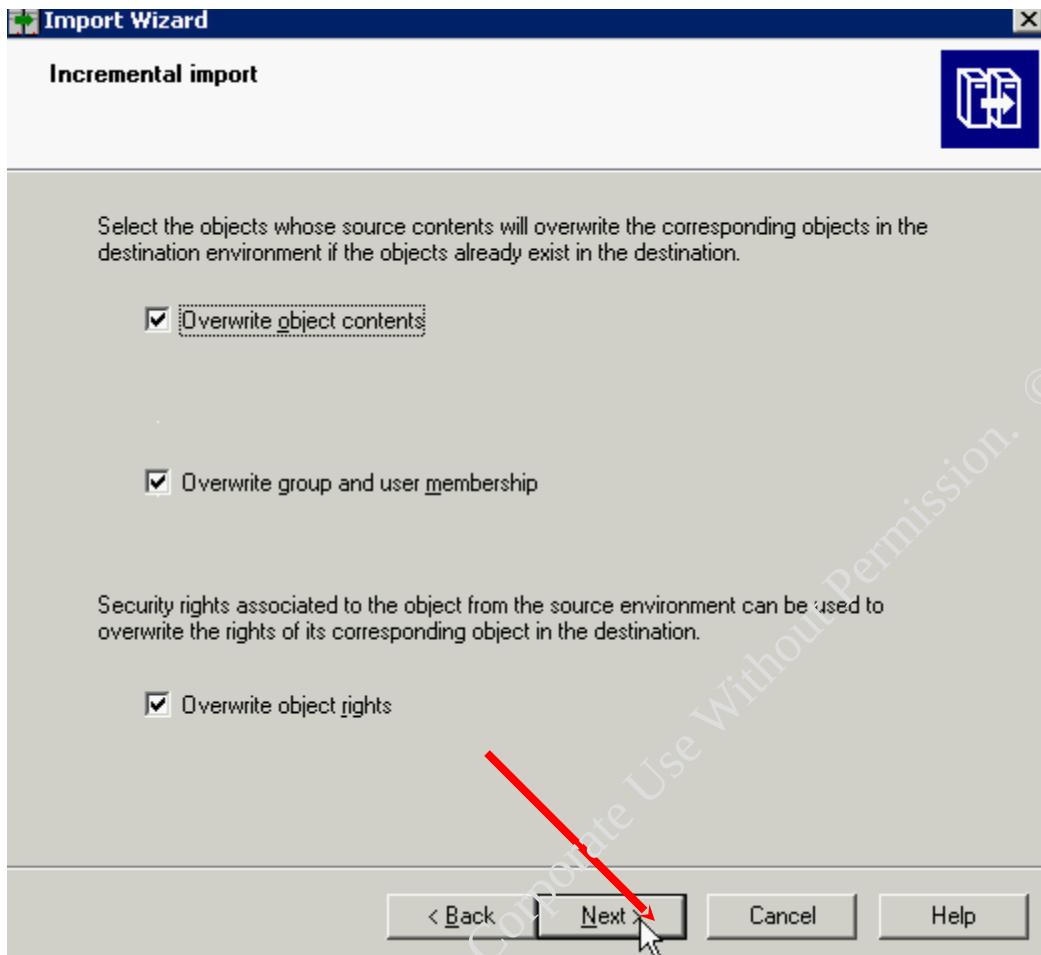
Personal Intellectual Property. No Corporate Use Without Permission. ©Kim Tran



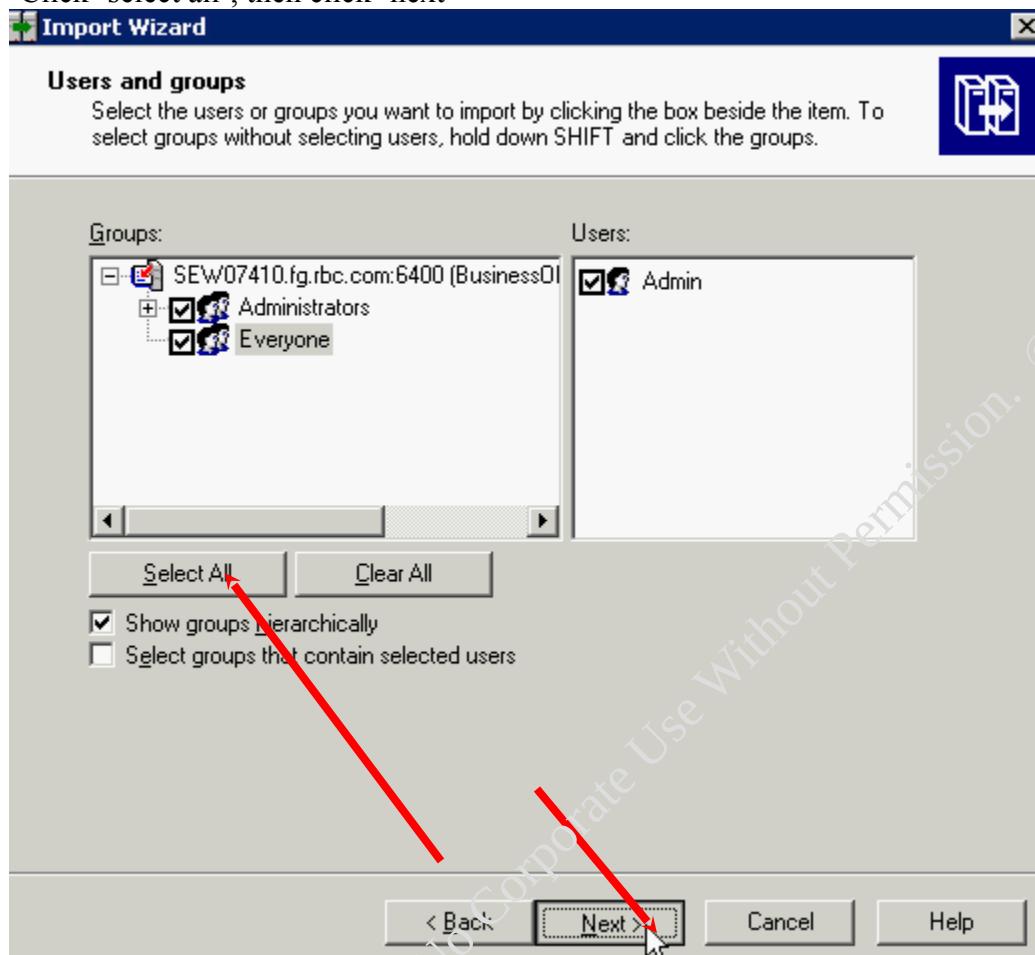
- Click ‘clear all’, check the ‘import users and user groups’
- UNcheck the boxes beneath ‘import users and users groups’
- Click ‘next’

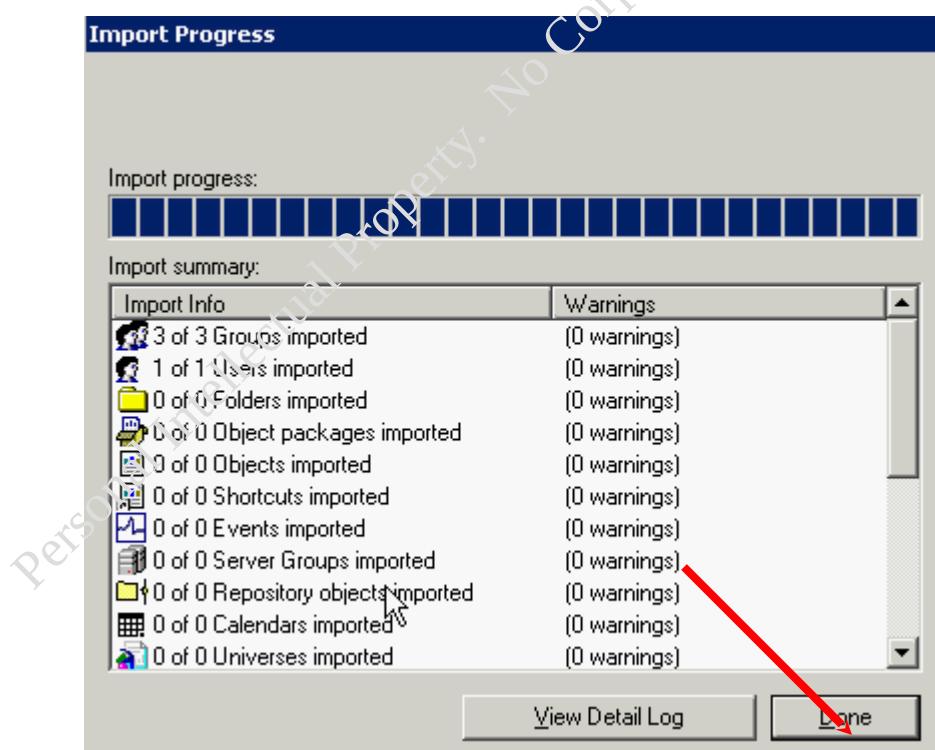
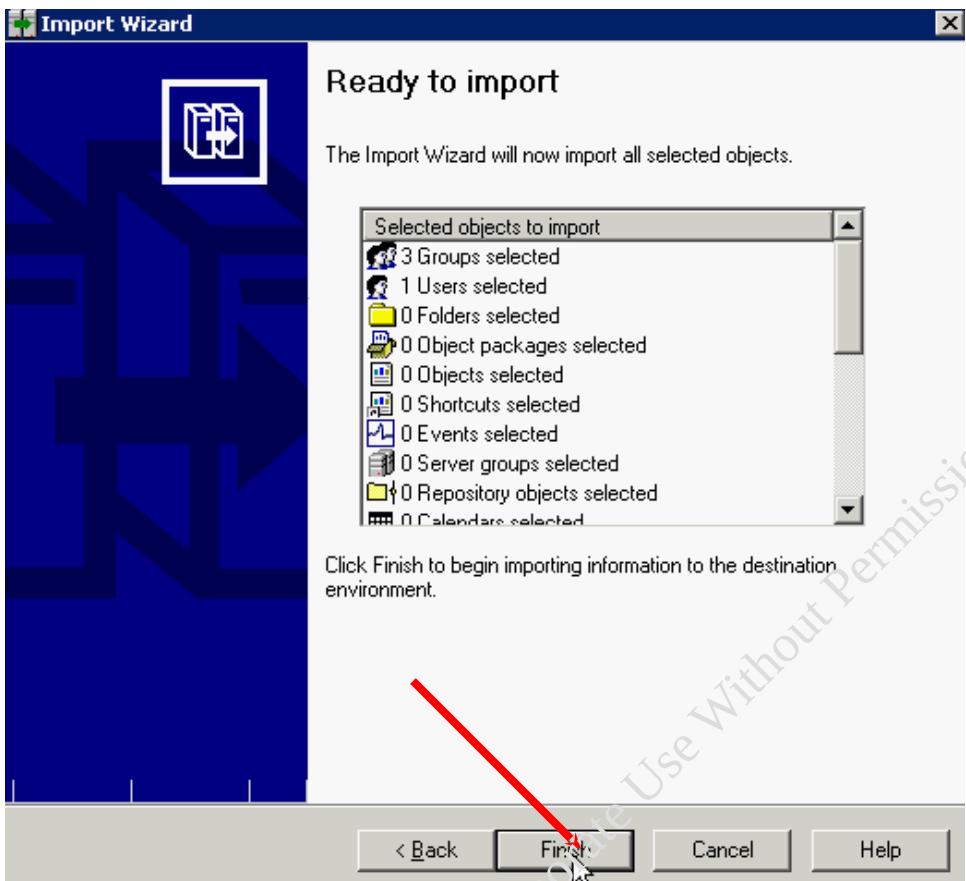






-Click ‘select all’, then click ‘next’





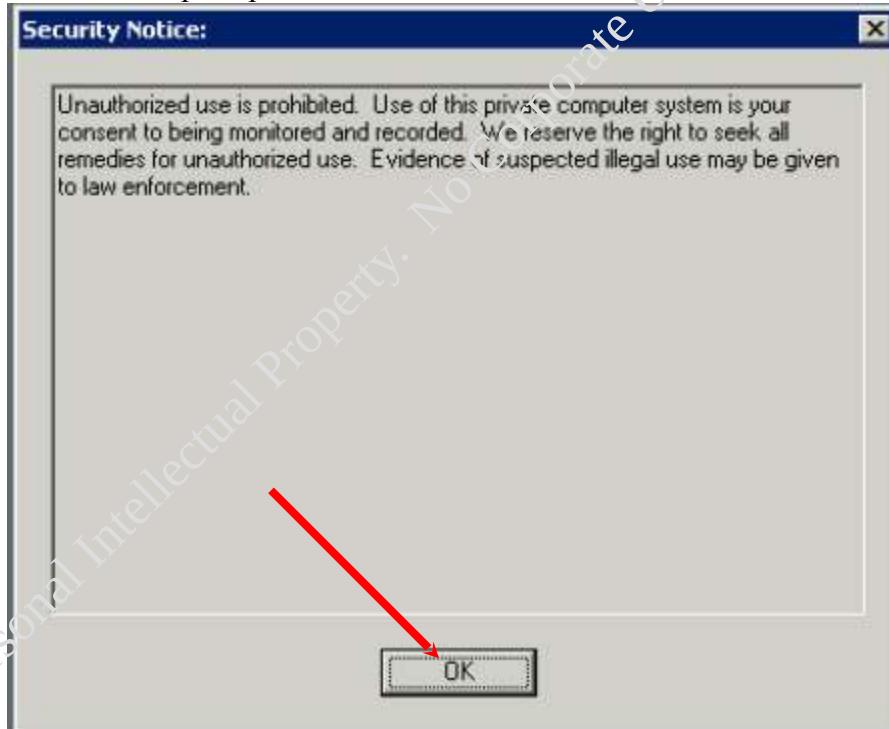
-When finished, close all application/windows, then log off

FRS-Frontier – 13 – universe designer, managing access restrictions

- You may need to remote desktop into the appropriate server:
- In this example: sew07410



- Click 'ok' if prompted

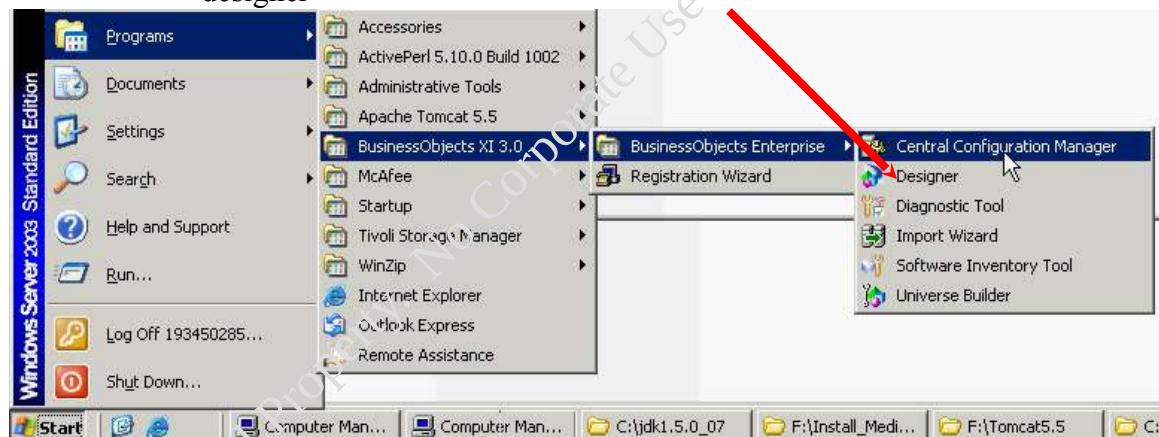


-Enter credentials to log in

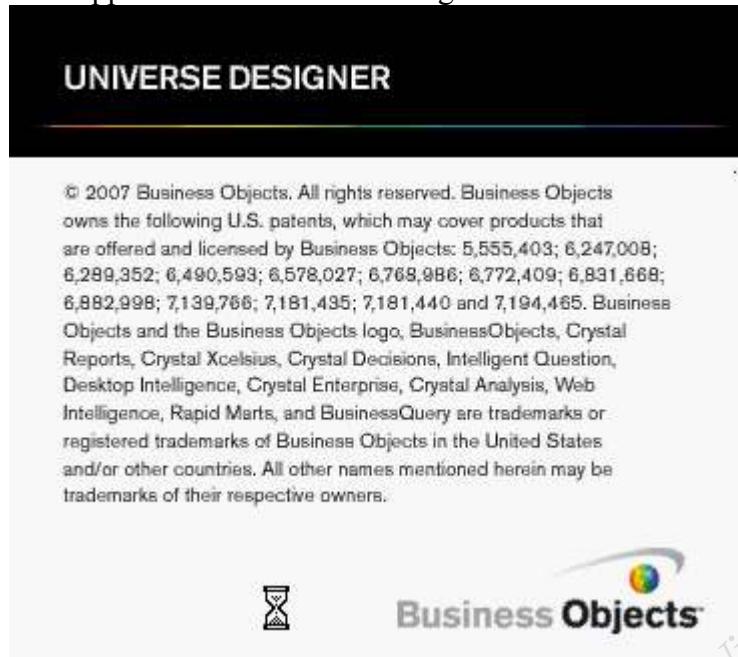


-Open up 'designer'

-Start > programs > businessobjects xi 3.0 > businessobjects enterprise > designer



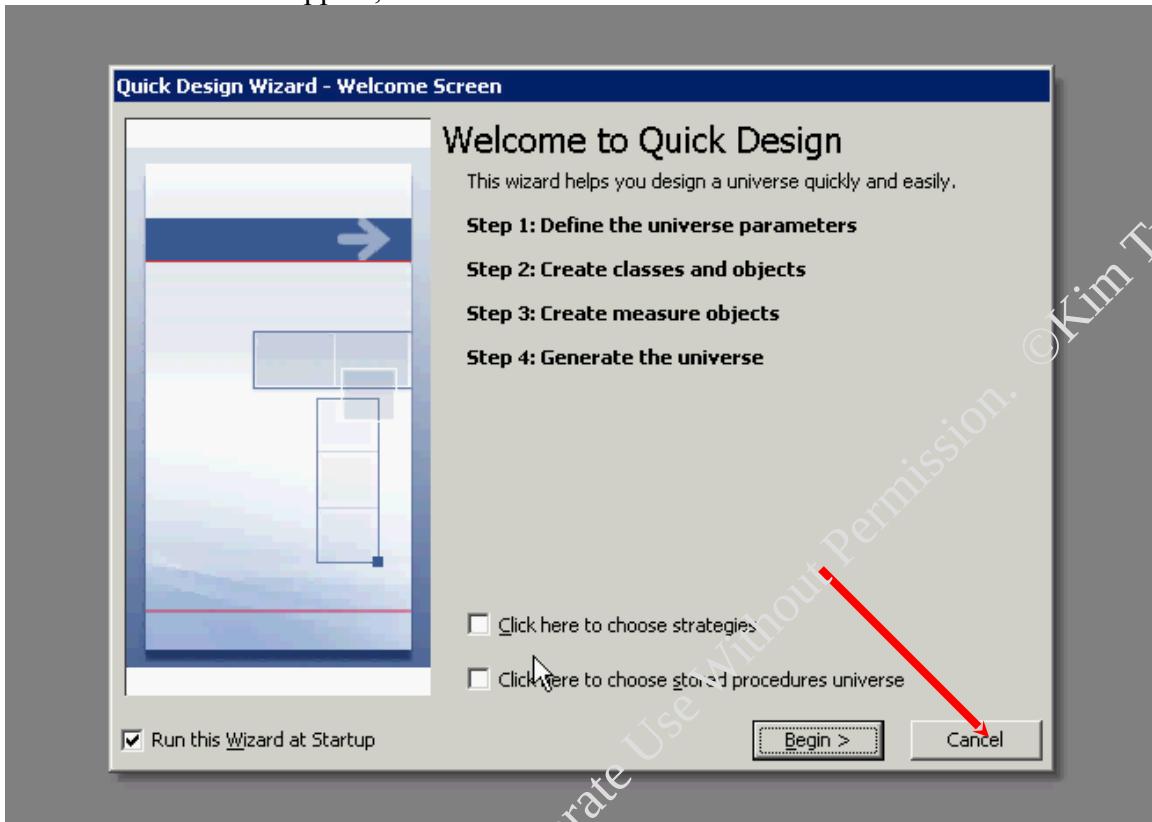
-The application should be starting



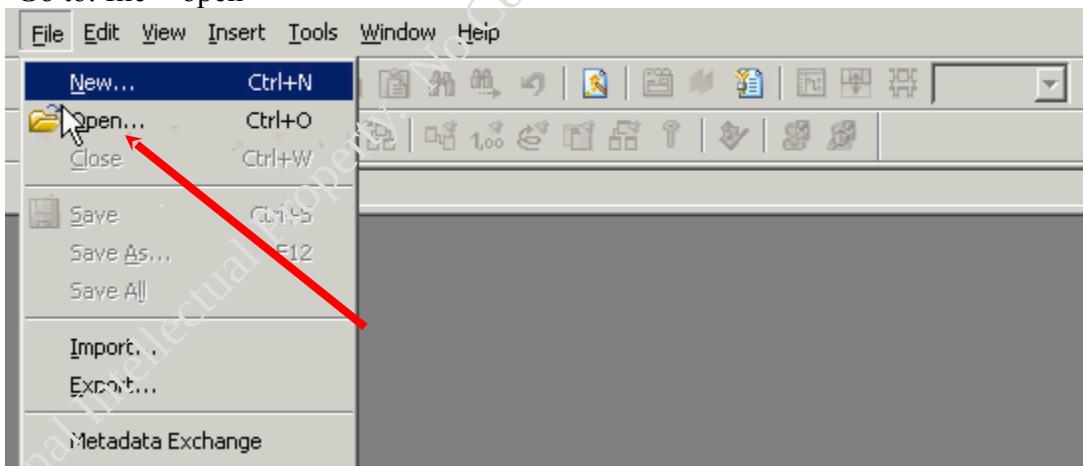
-Enter the appropriate credentials, click 'ok'



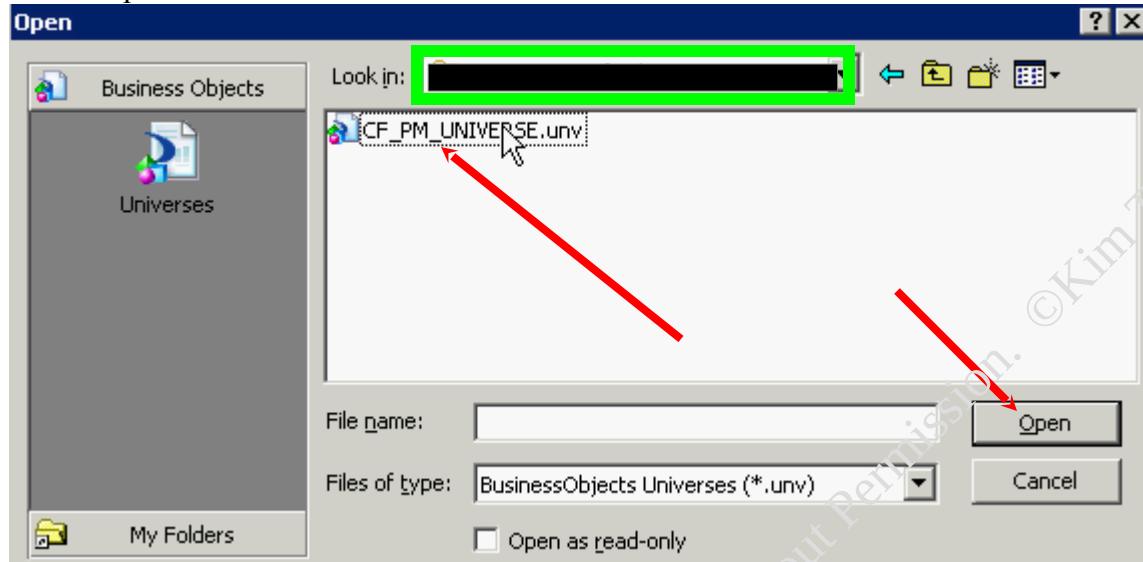
-The welcome should appear, click 'cancel'



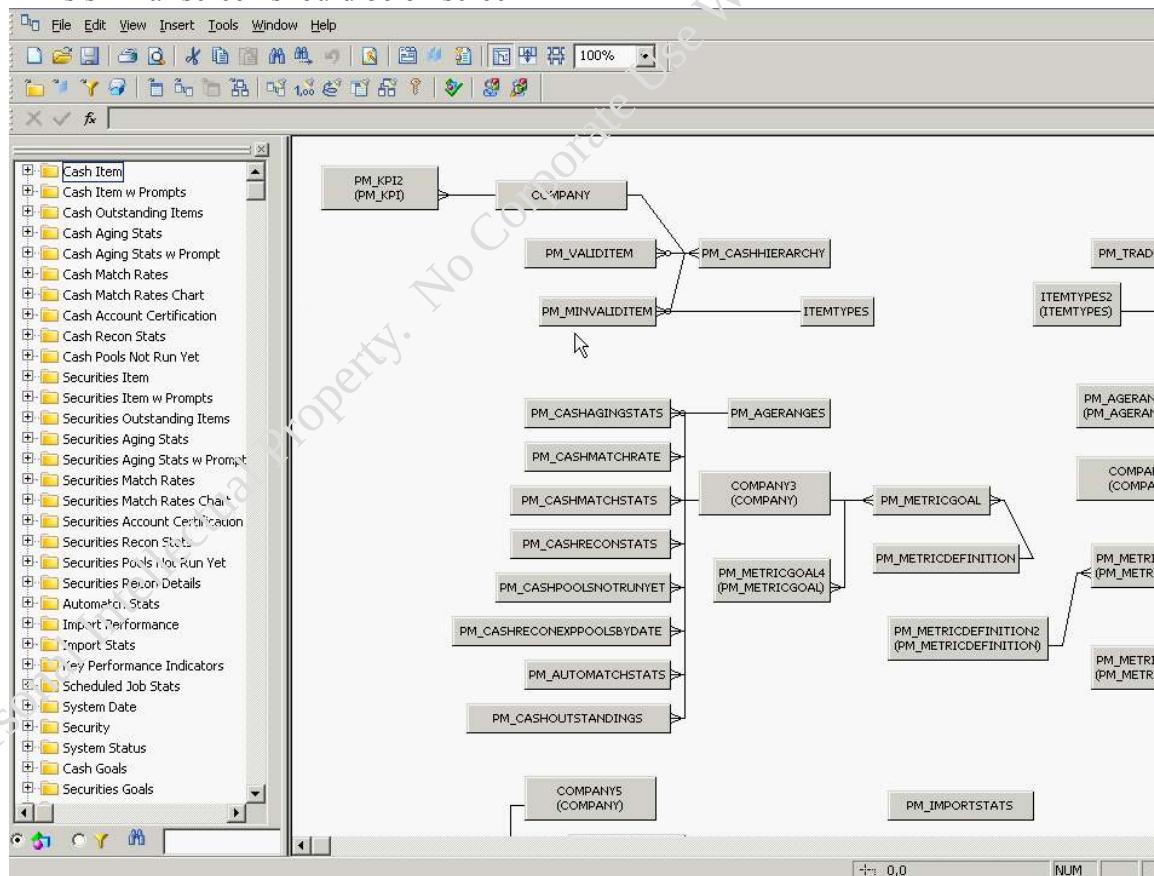
-Go to: file > open



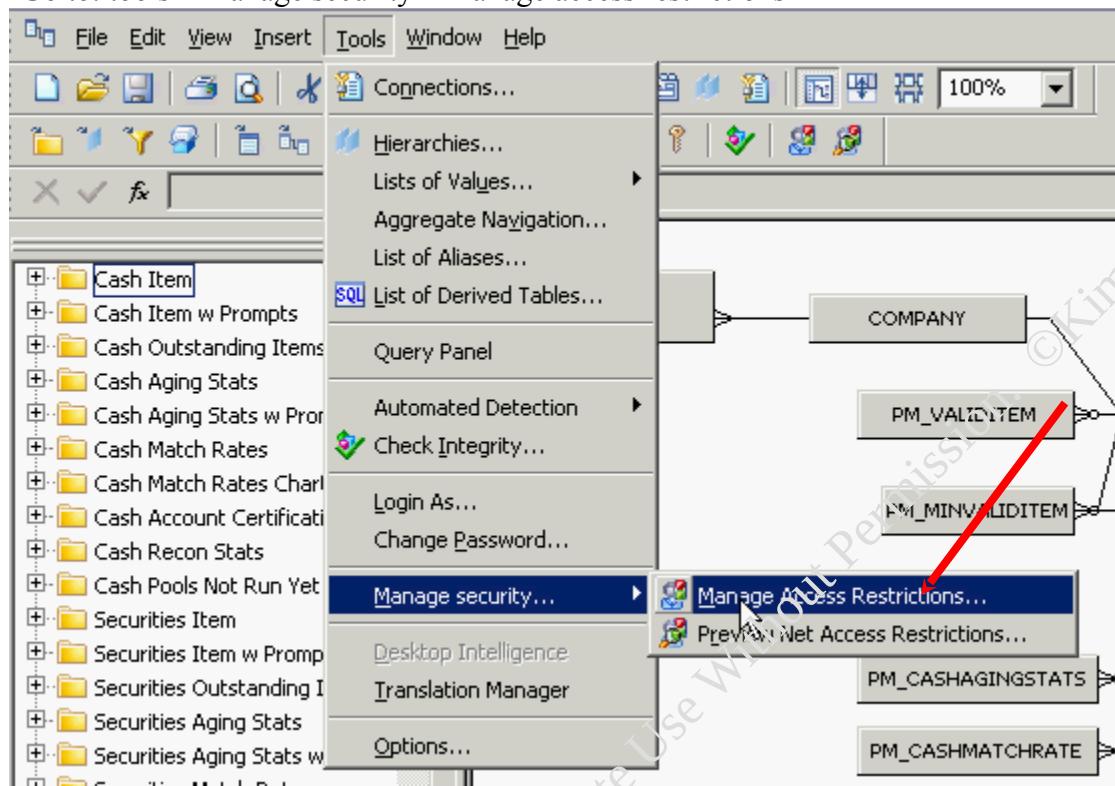
- Click the 'cf_pm_universe.unv' file in the @sew07410.fg.rbc.com_6400 directory
- Click 'open'



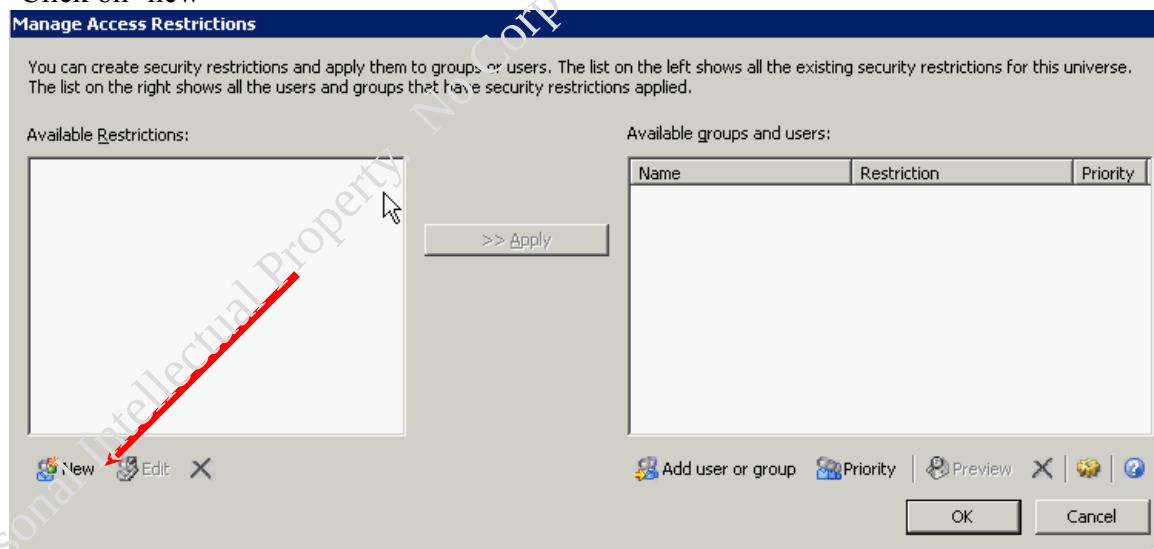
- This similar screen should be on screen



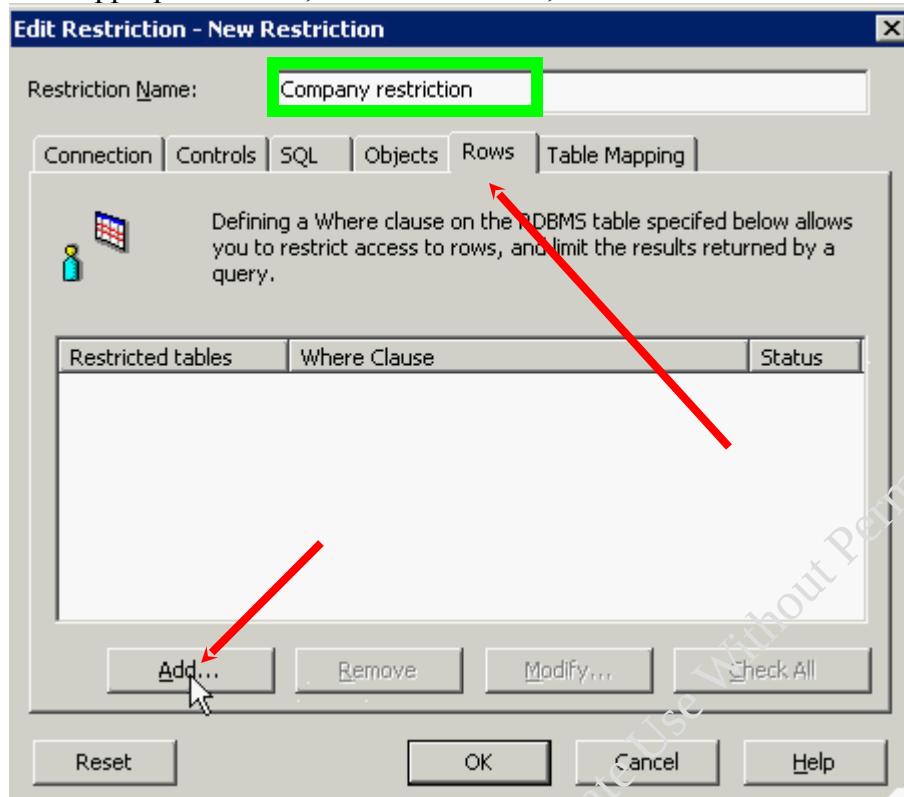
-Go to: tools > manage security > manage access restrictions



-Click on 'new'



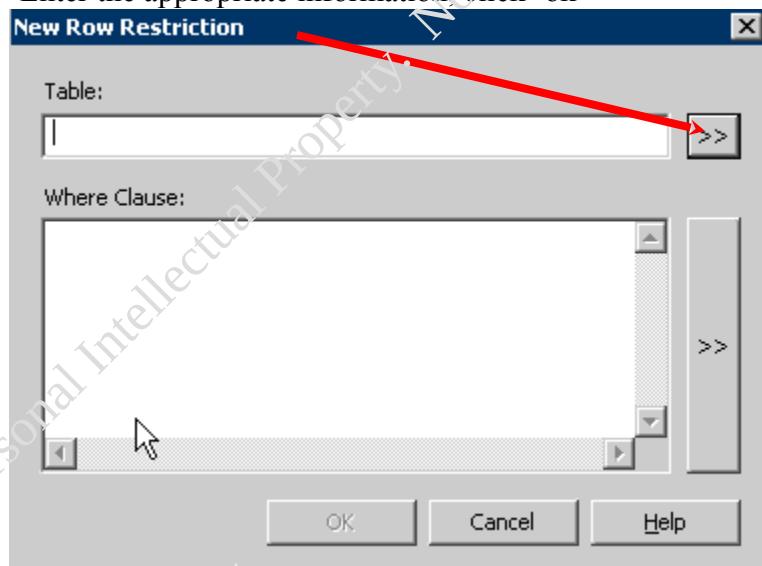
-Edit appropriate fields, click on ‘row’ tab, click on ‘add’



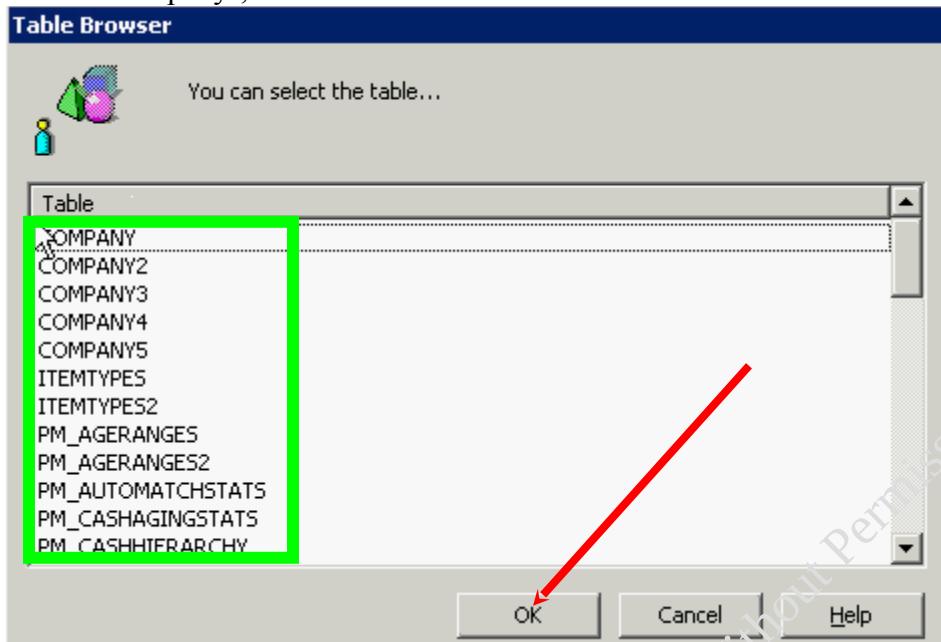
-Click on the ‘double right arrows’

-Select the appropriate data field

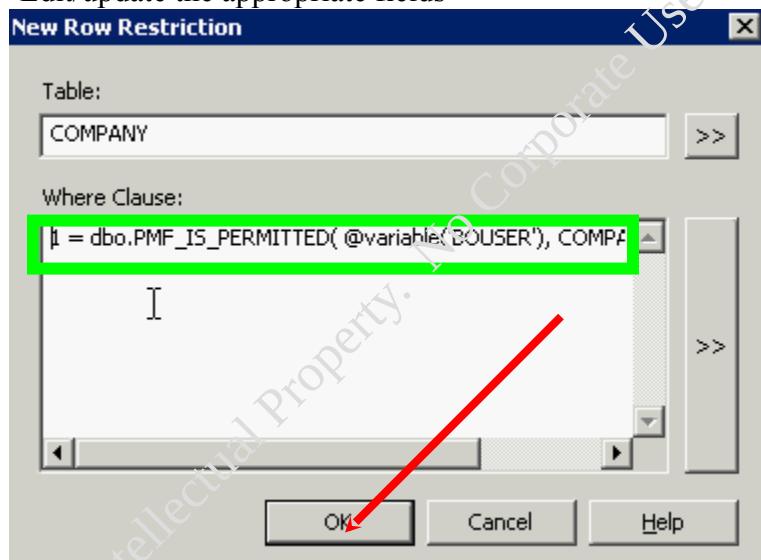
-Enter the appropriate information and click ‘ok’



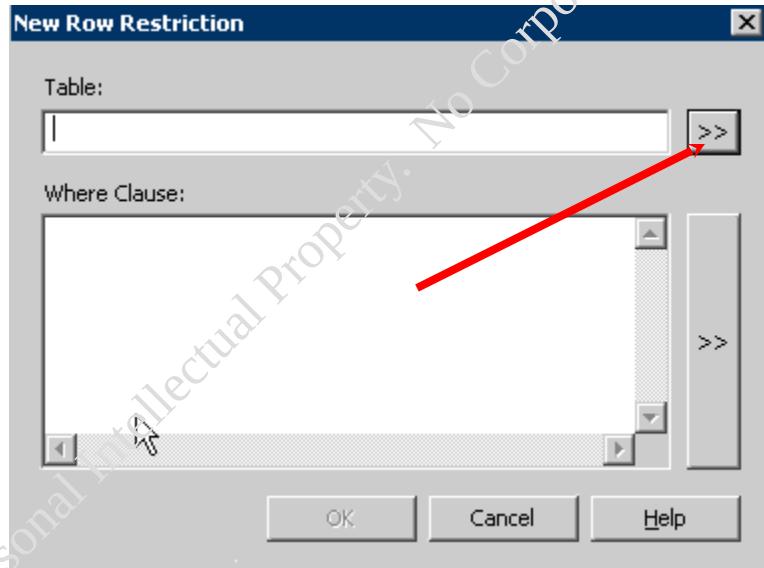
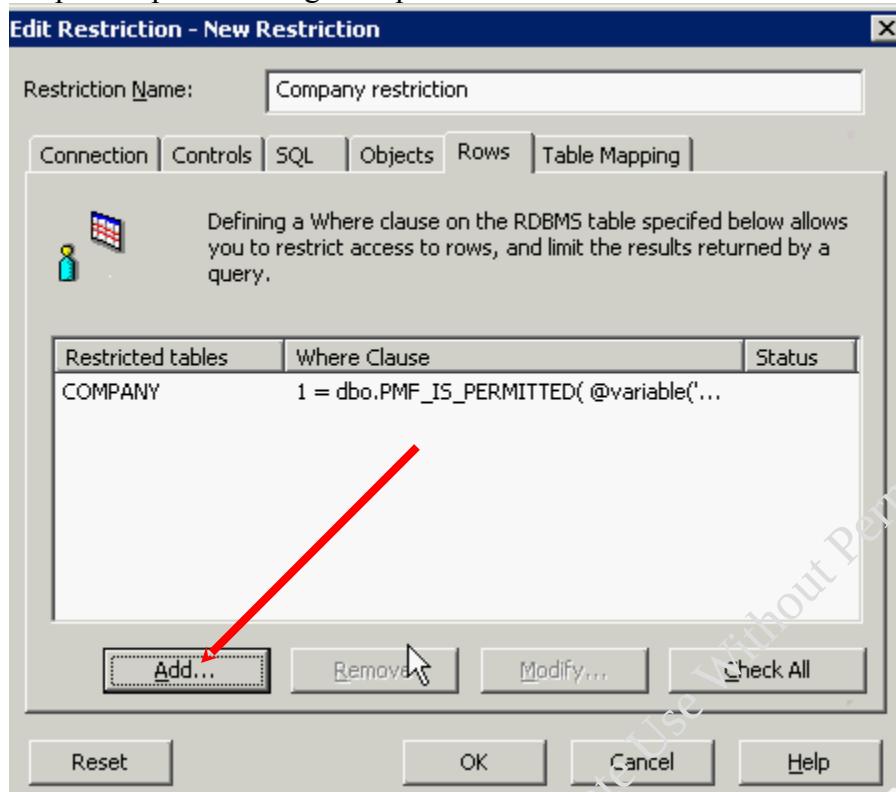
-Select 'company', click 'ok'



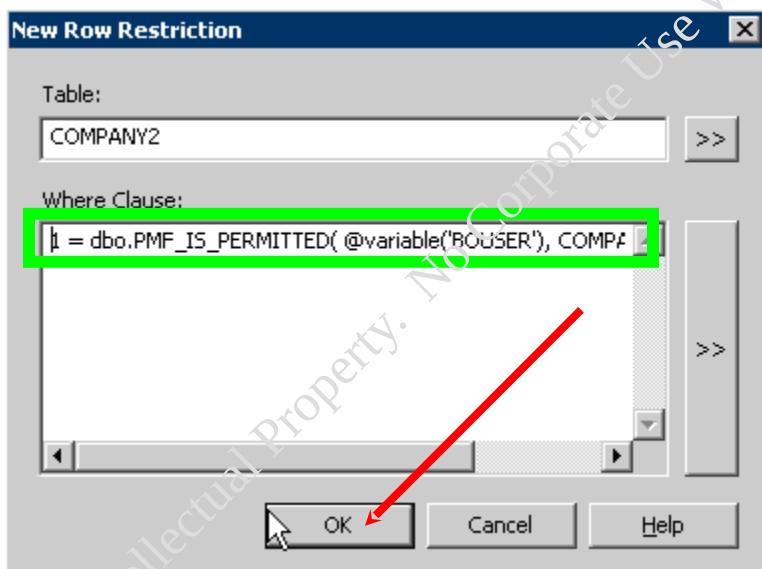
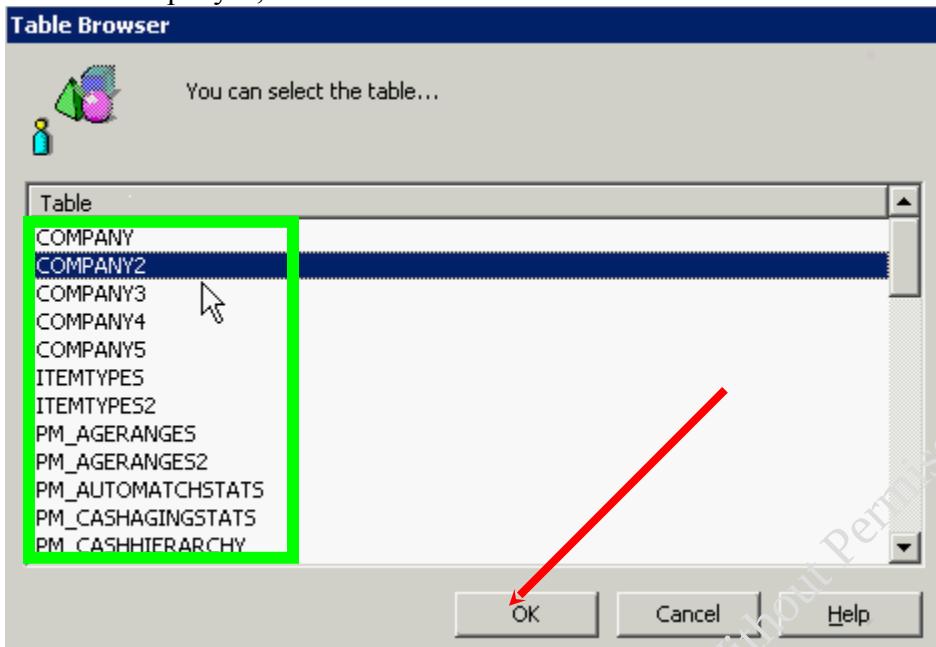
-Edit/update the appropriate fields

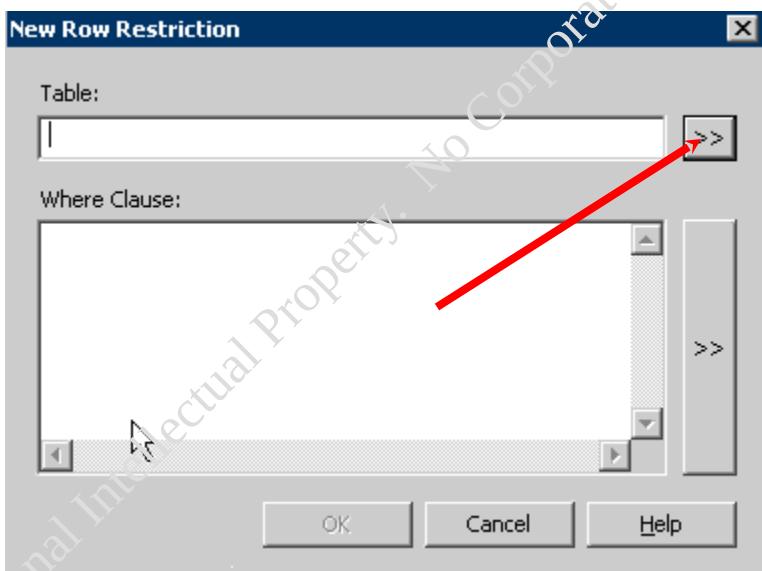
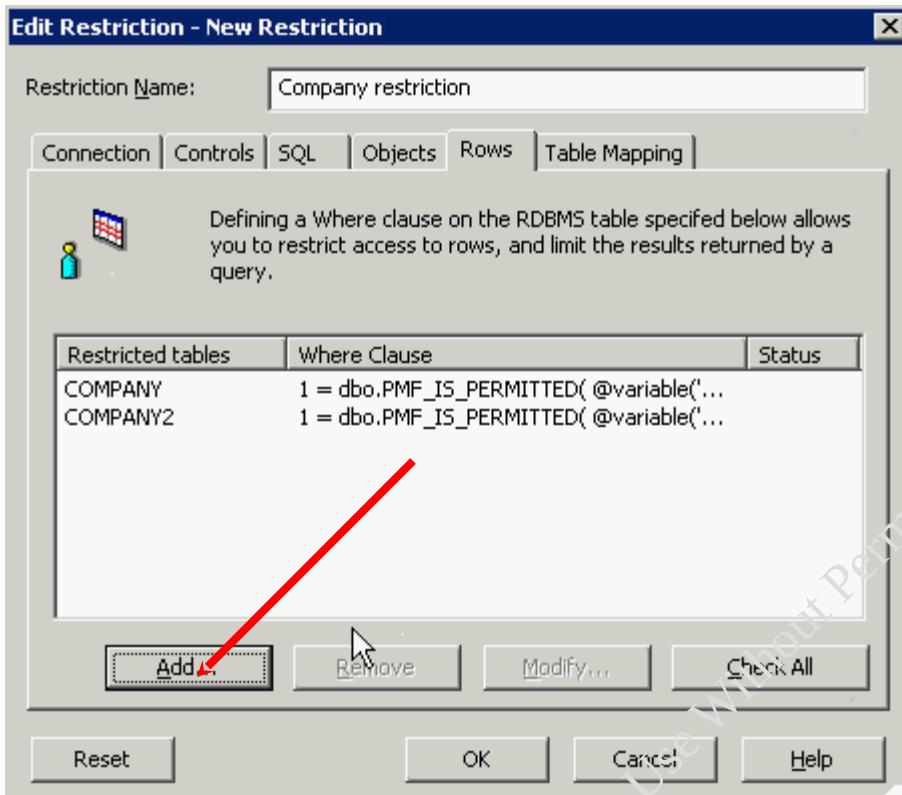


-Repeat steps for adding multiple row restrictions

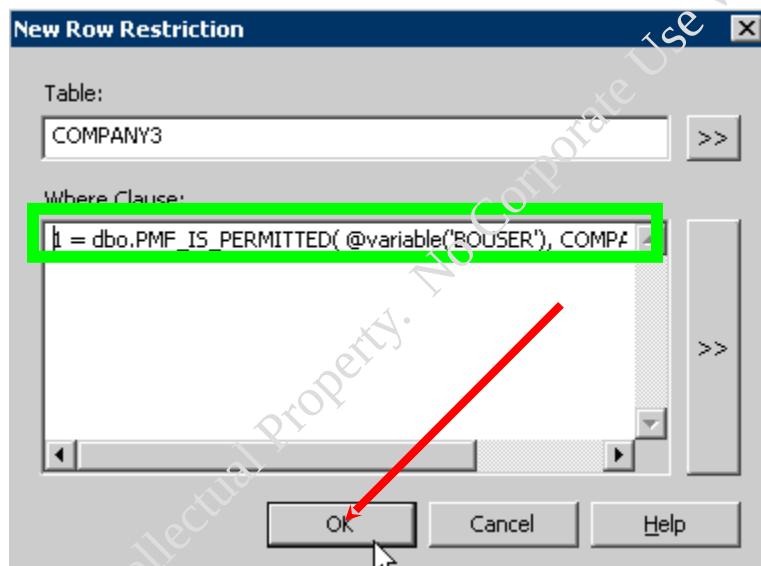
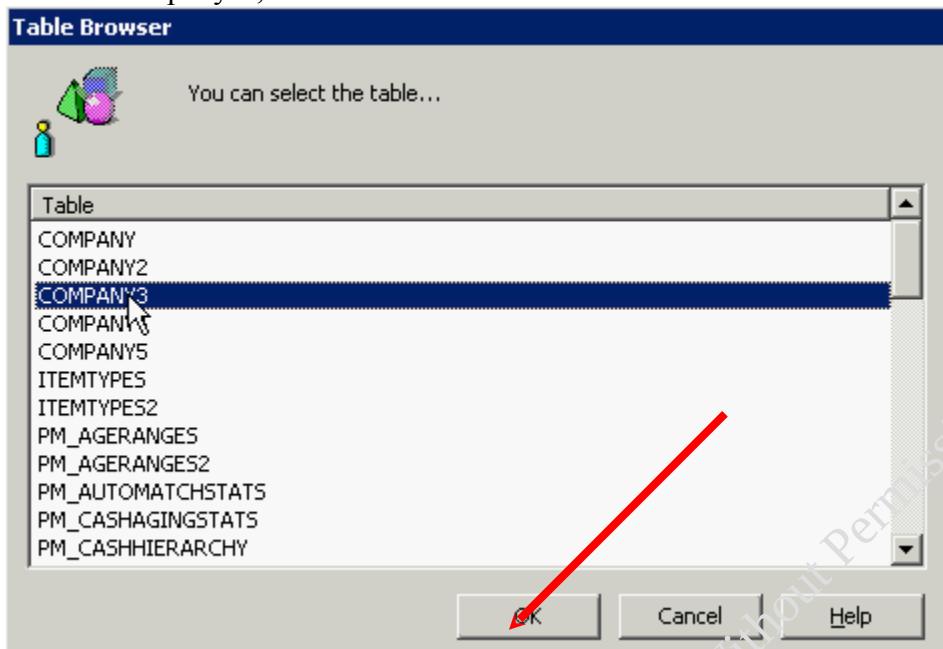


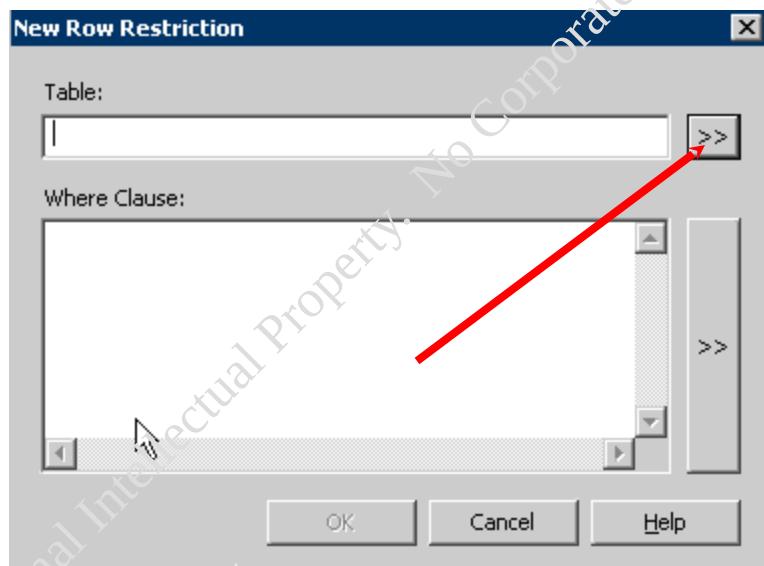
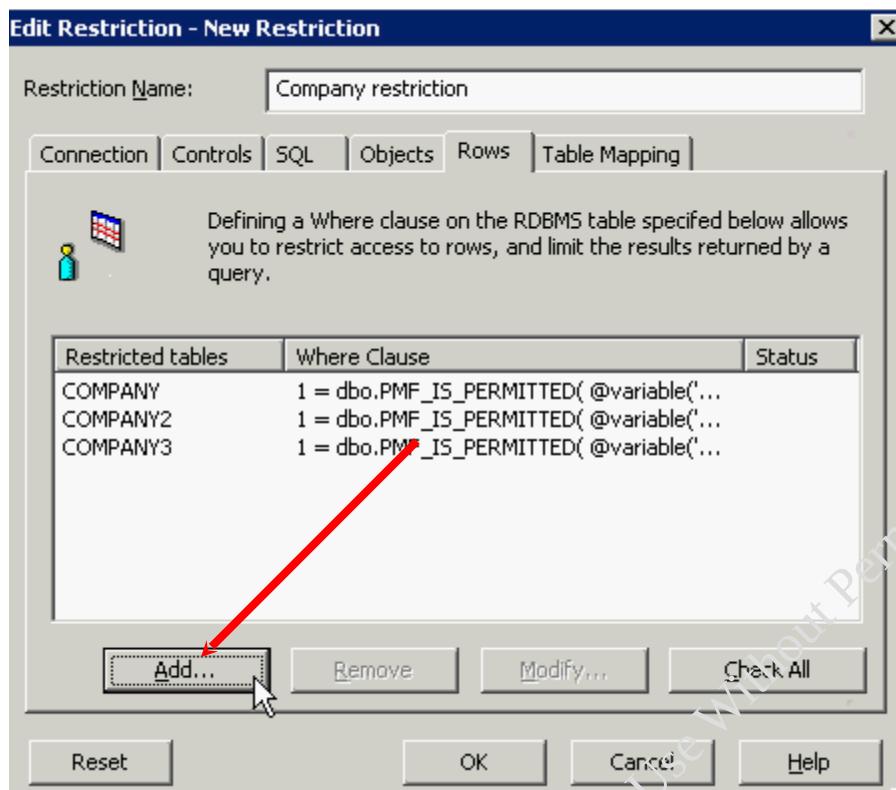
-Select 'company2', click 'ok'



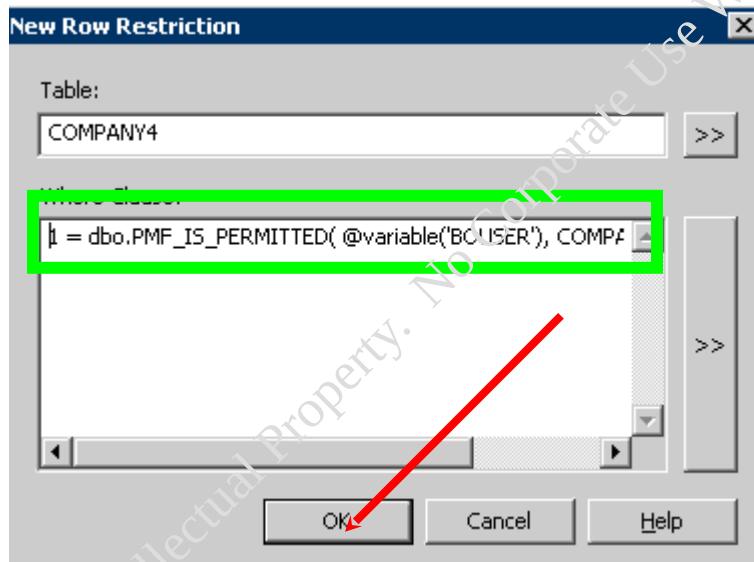
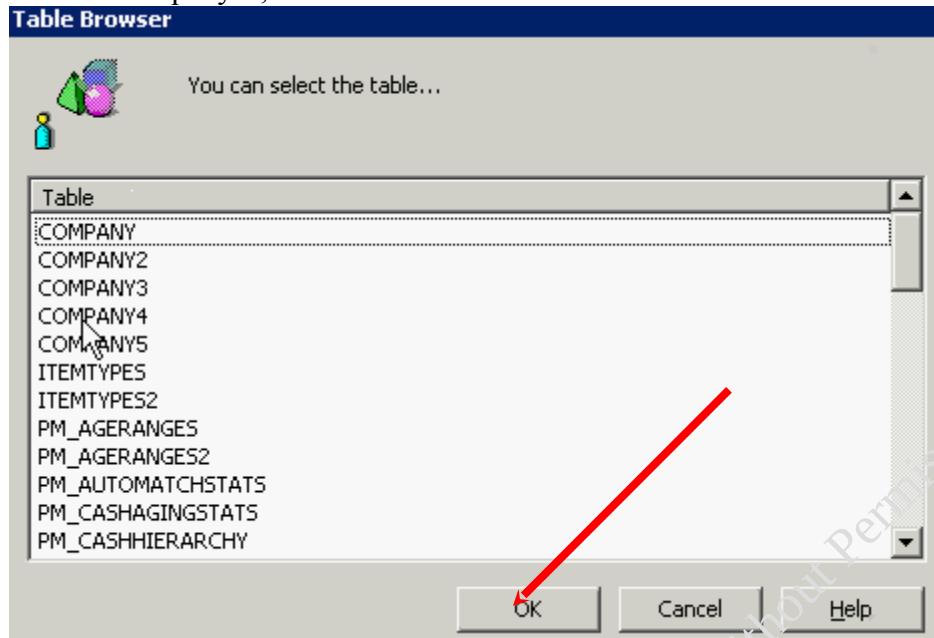


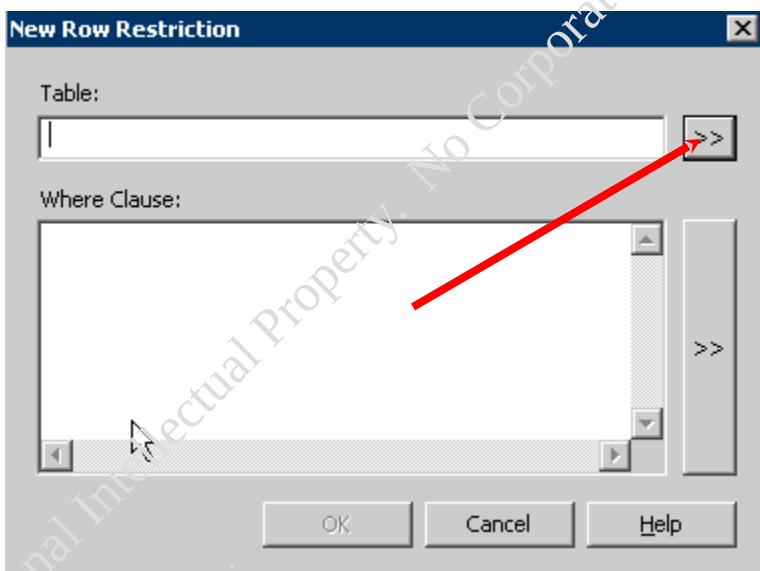
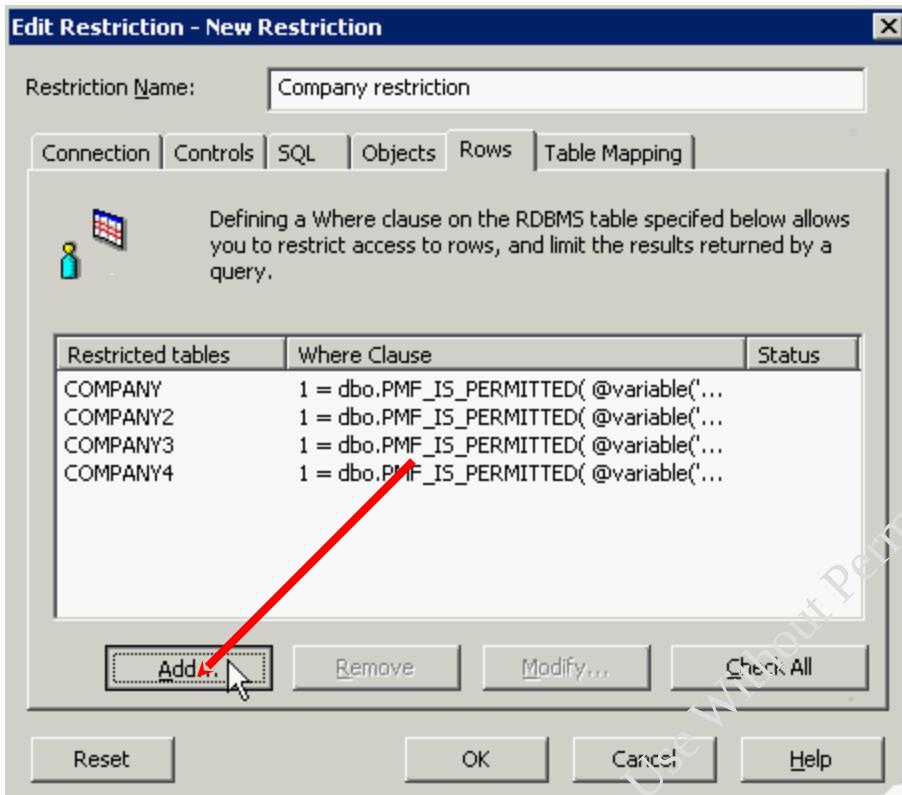
-Select 'company3', click 'ok'



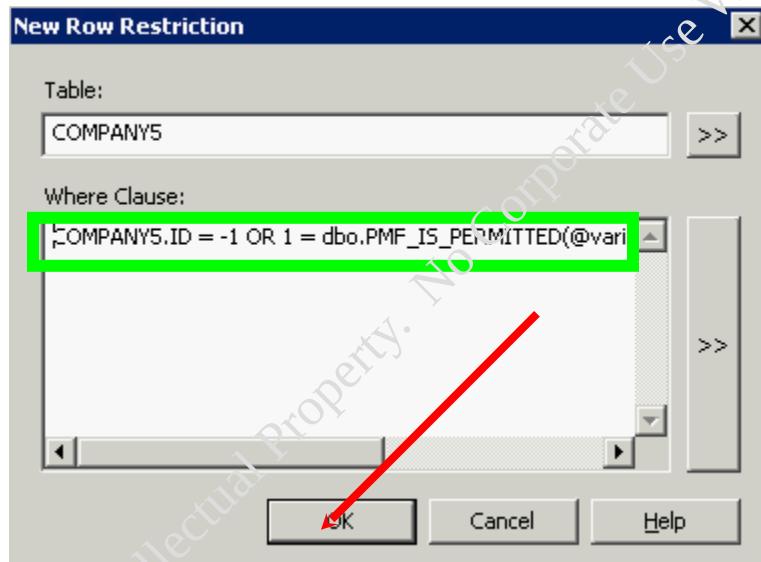
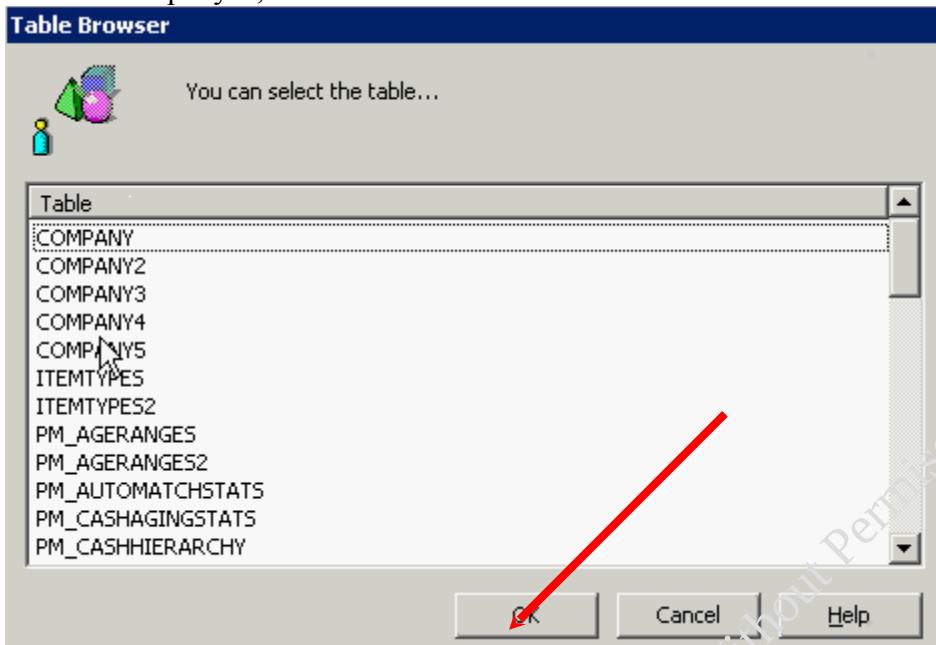


-Select 'company4', click 'ok'

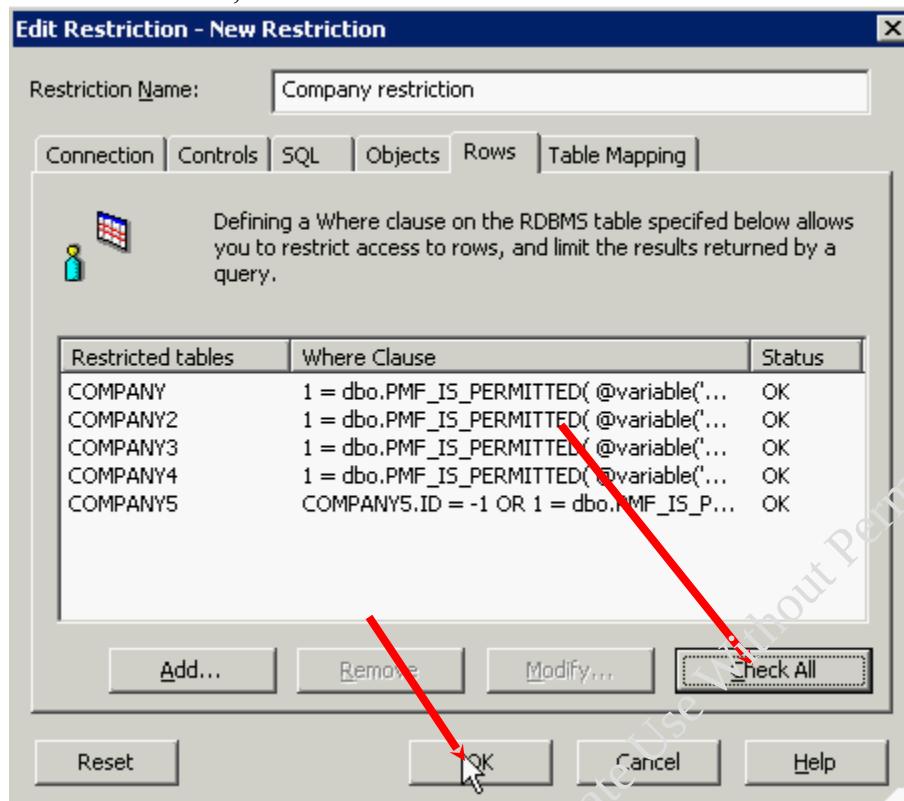




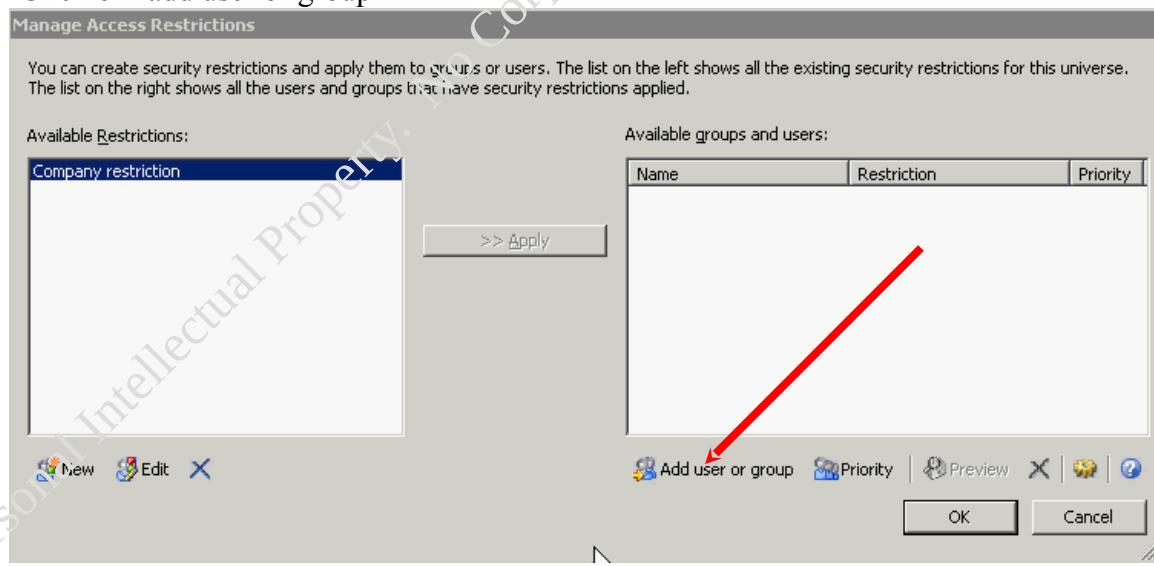
-Select 'company5', click 'ok'



-Click ‘check all’, then ‘ok’

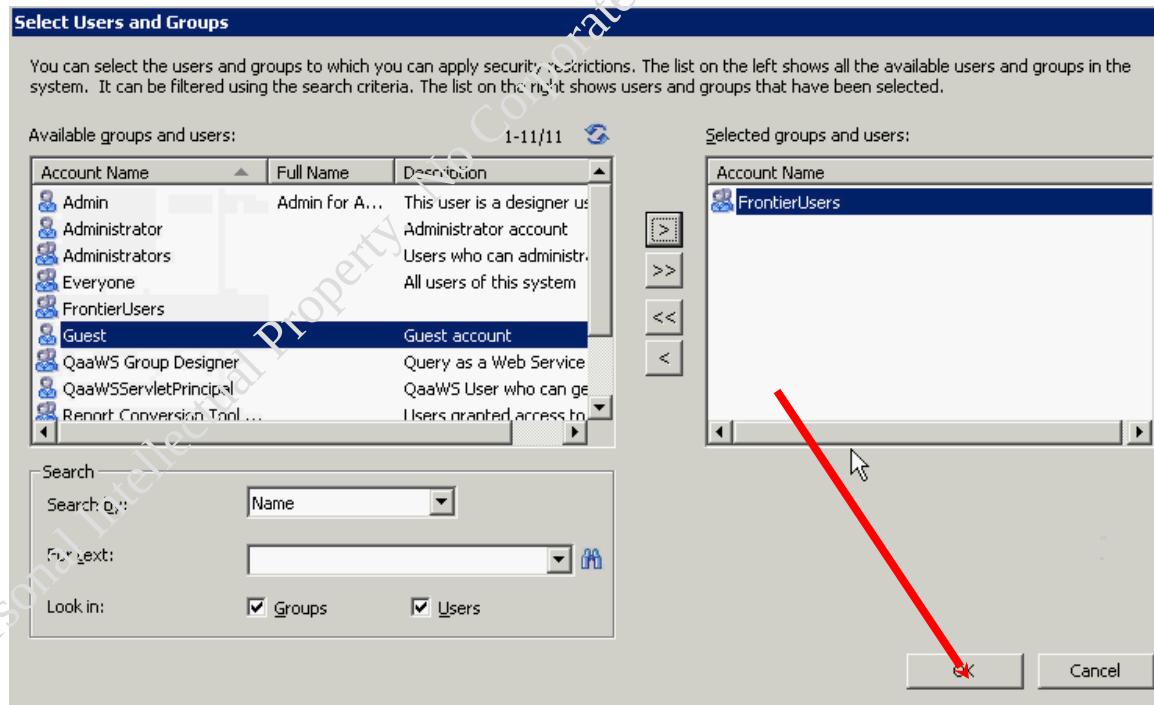
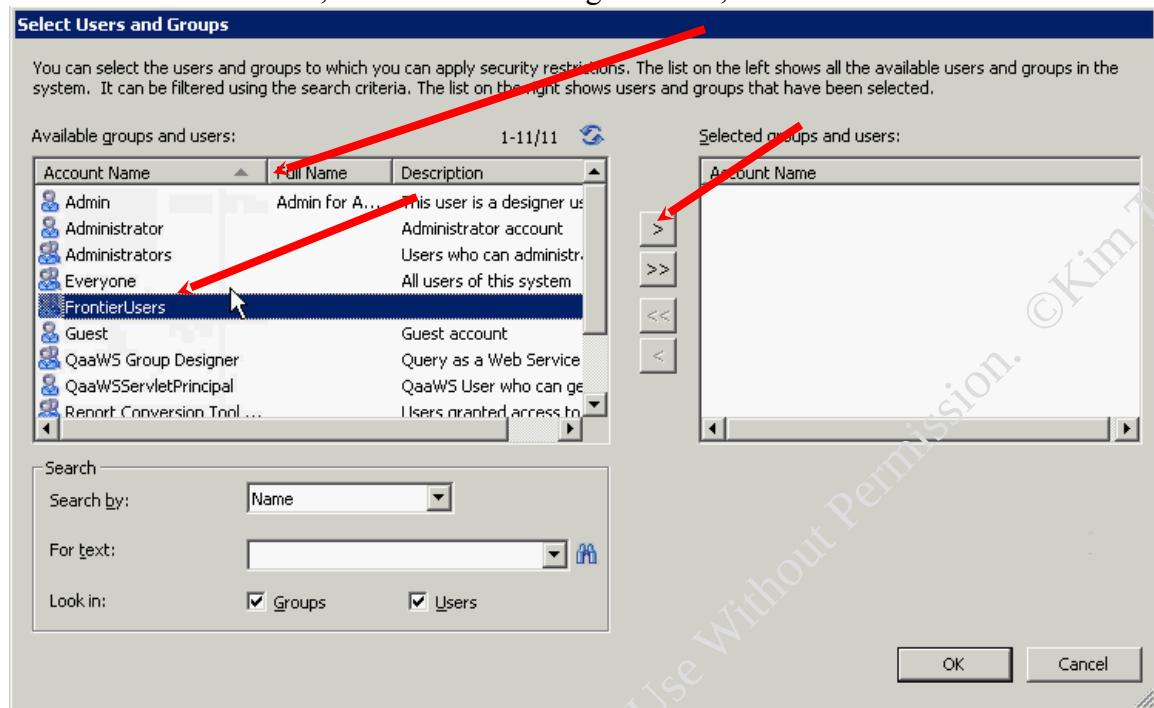


-Click on ‘add user or group’

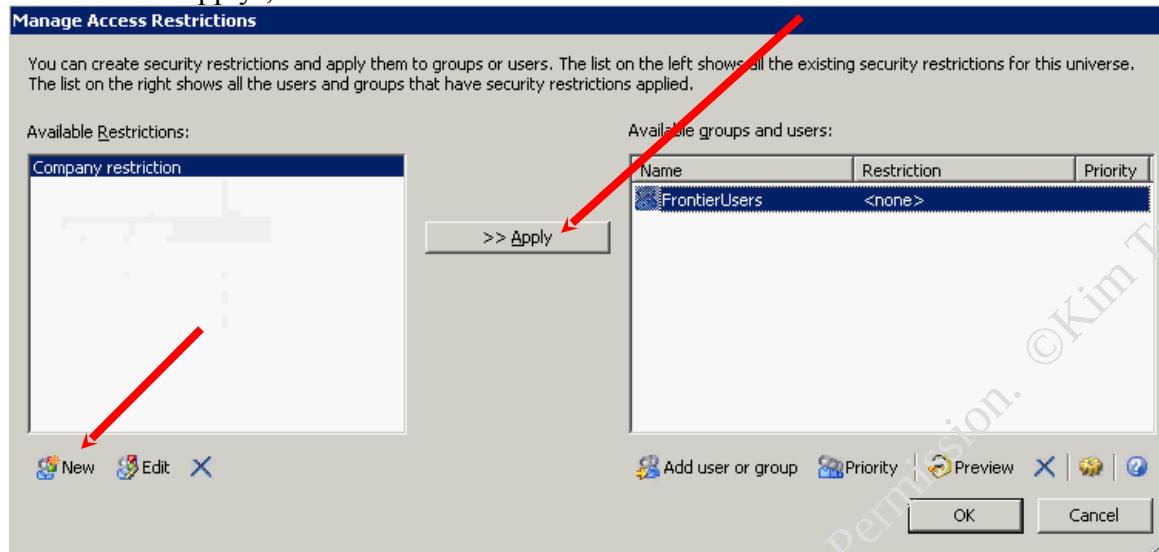


-Expand the column to see more of the information...

-Click on 'frontierusers', then click on the 'right arrow', then click 'ok'

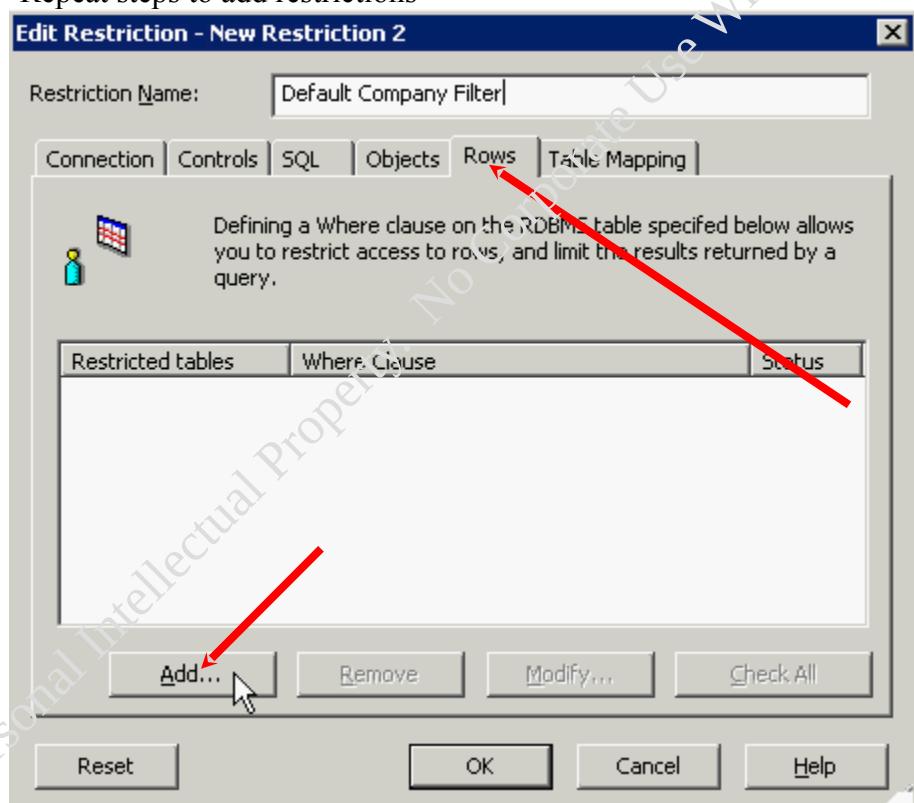


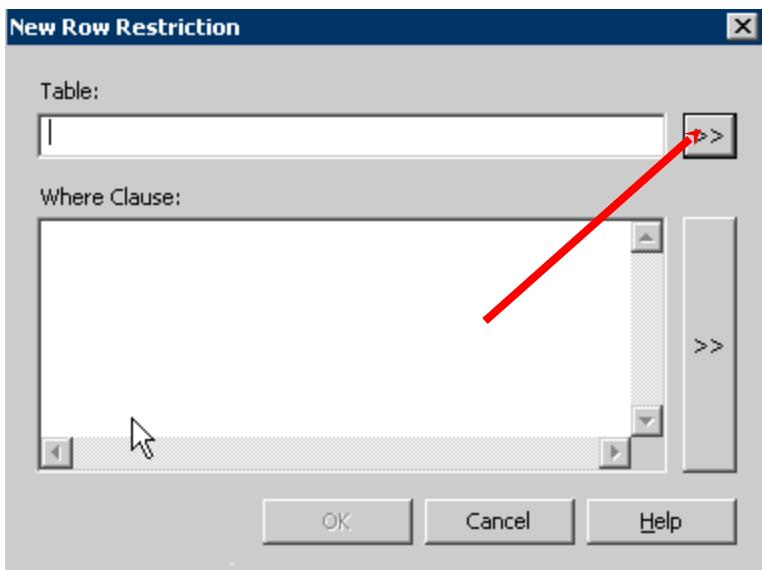
-Click on '>>apply', then 'new'



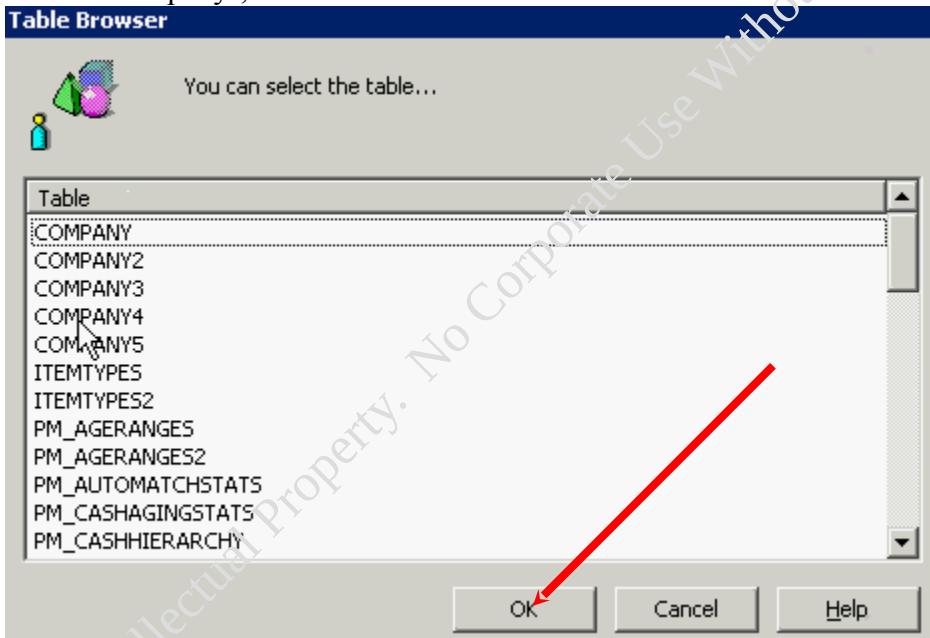
-Edit the appropriate fields, click on 'rows' if not already selected, click on 'add'

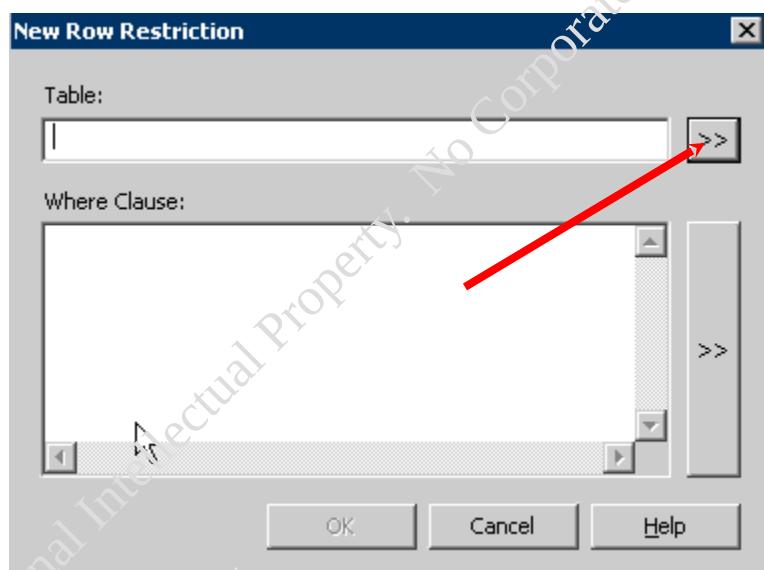
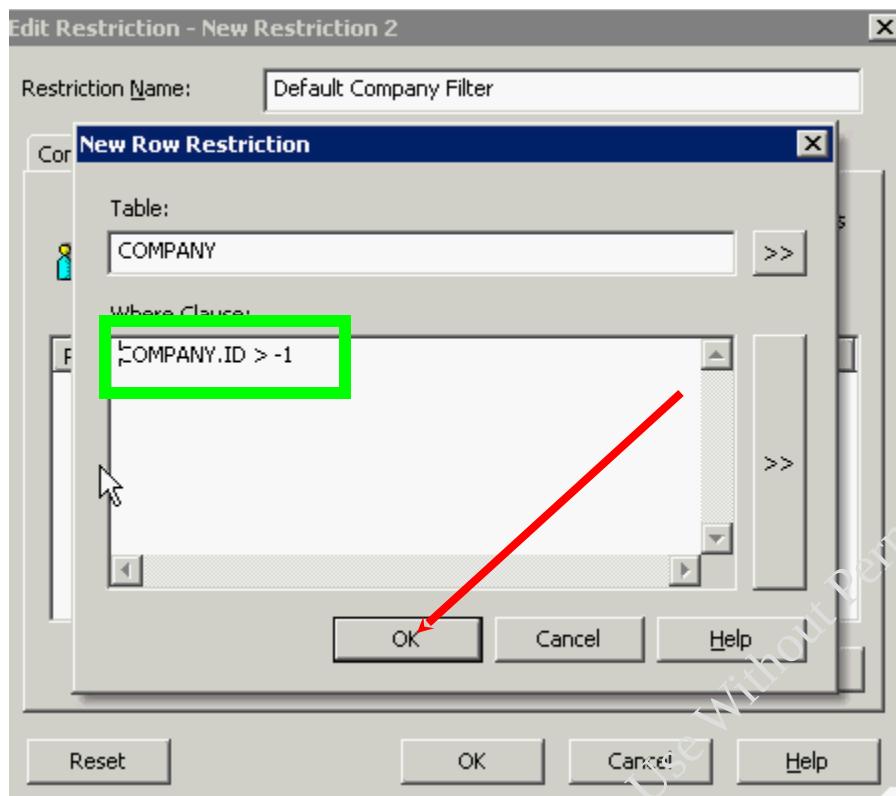
-Repeat steps to add restrictions



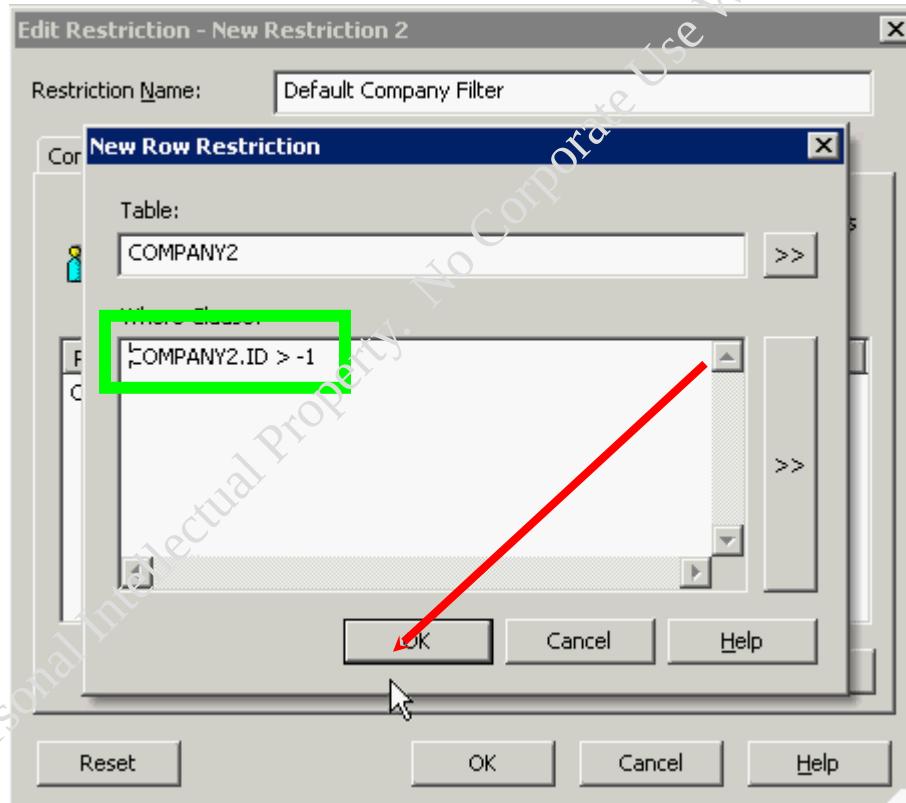
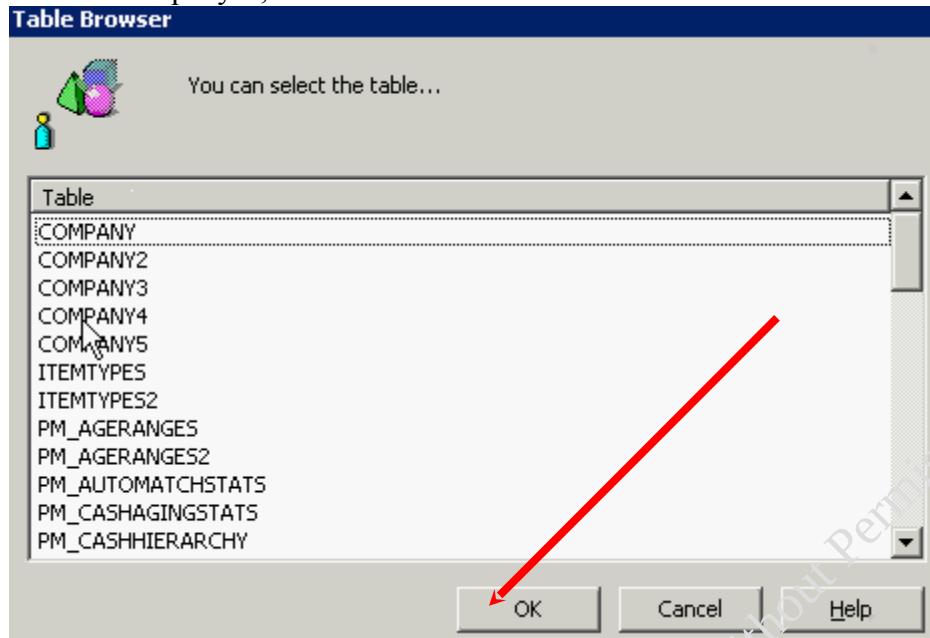


-Select 'company', click 'ok'





-Select 'company2', click 'ok'



Connection | Controls | SQL | Objects | Rows | Table Mapping |

Defining a Where clause on the RDBMS table specified below allows you to restrict access to rows, and limit the results returned by a query.

Restricted tables	Where Clause	Status

Add... Remove Modify... Check All

New Row Restriction

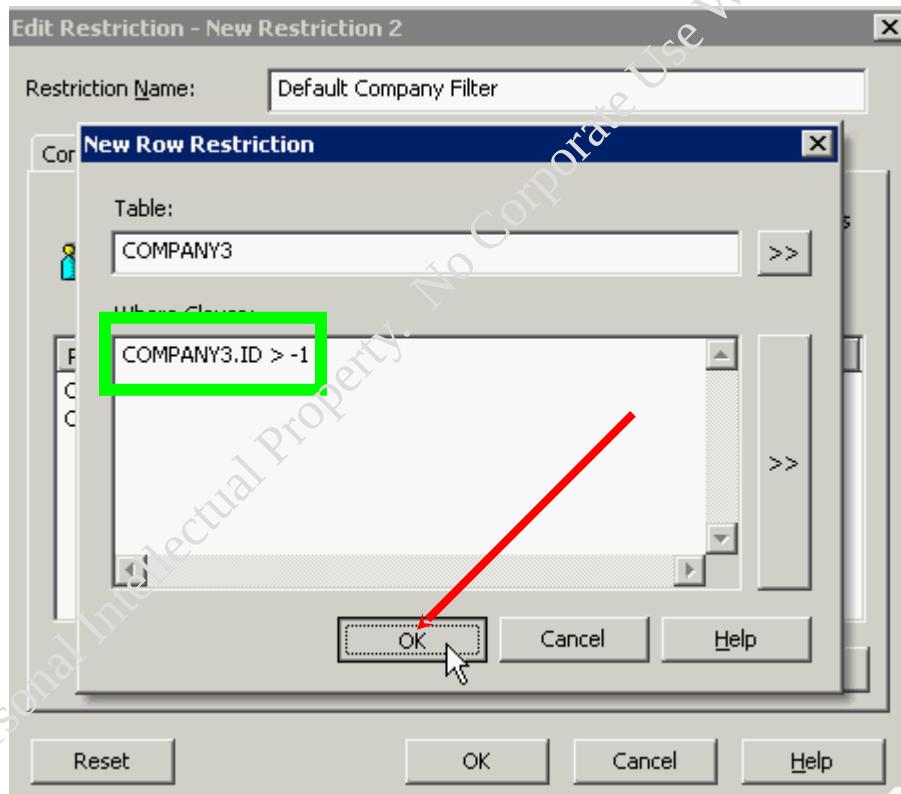
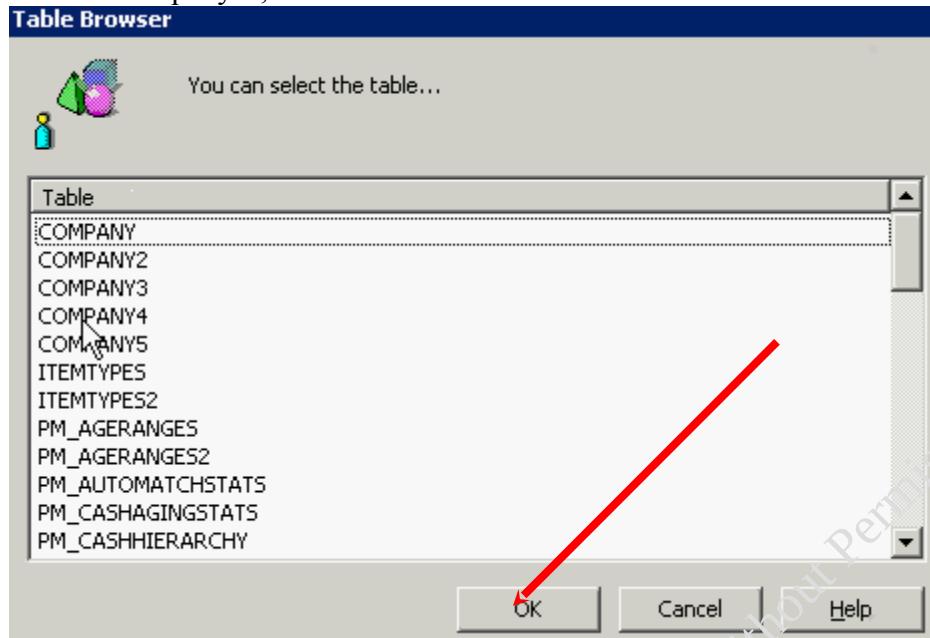
Table: >>

Where Clause:

OK Cancel Help

Personal Intellectual Property. No Corporate Use Without Permission. ©Kim Tran

-Select 'company3', click 'ok'



Connection | Controls | SQL | Objects | Rows | Table Mapping |

Defining a Where clause on the RDBMS table specified below allows you to restrict access to rows, and limit the results returned by a query.

Restricted tables	Where Clause	Status

Add... Remove Modify... Check All

New Row Restriction

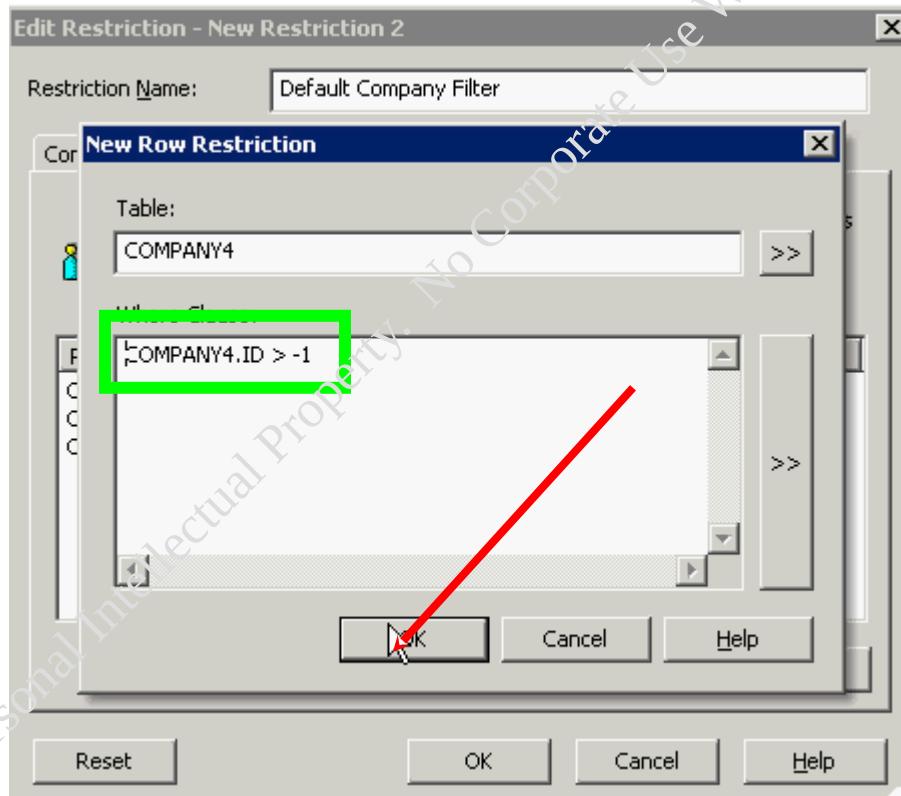
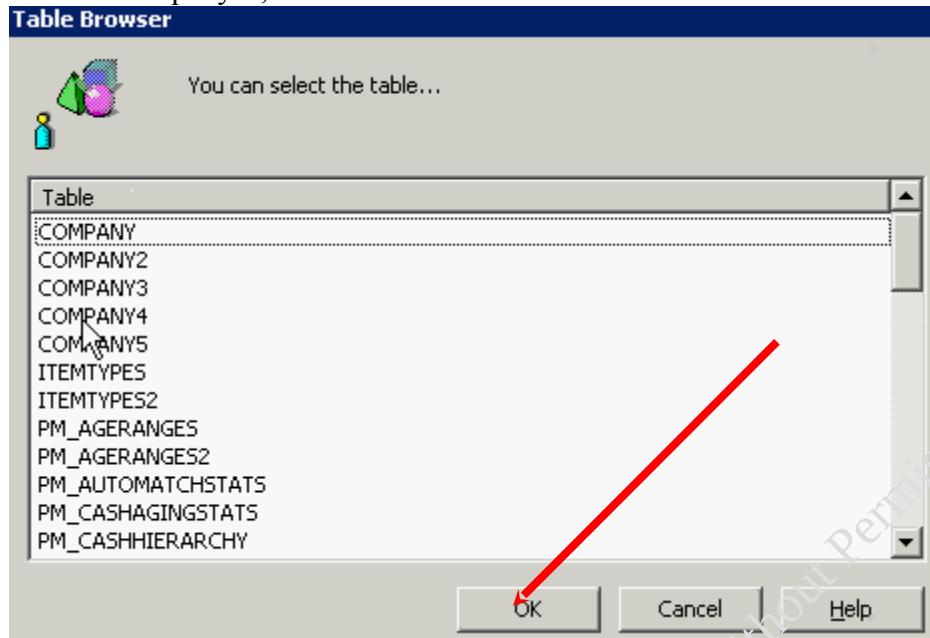
Table:

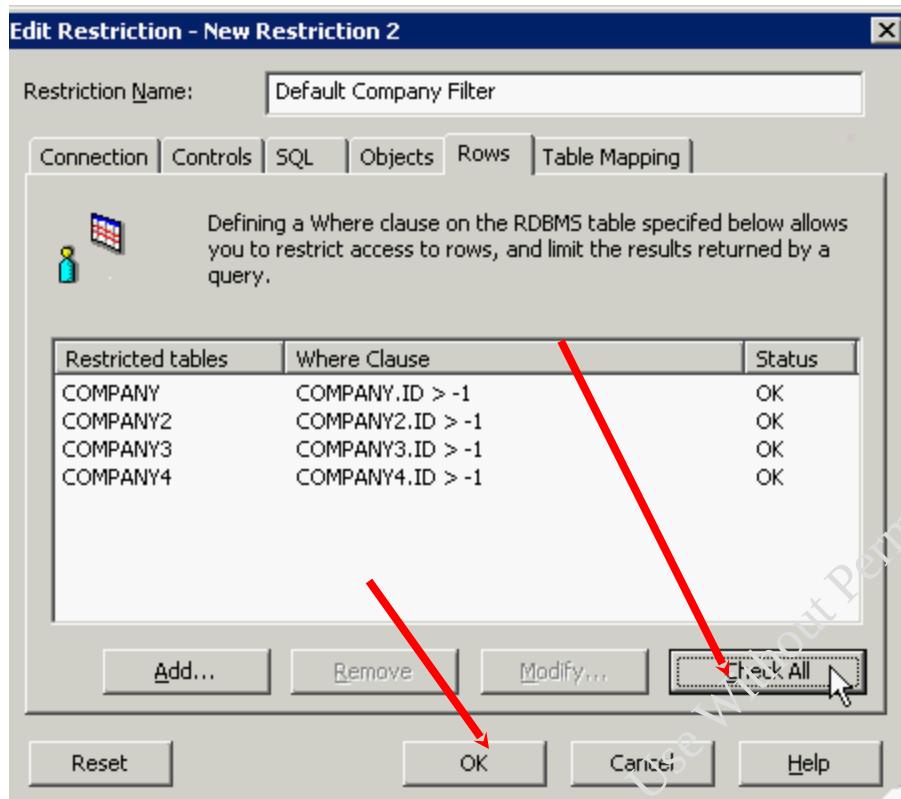
Where Clause:

OK Cancel Help

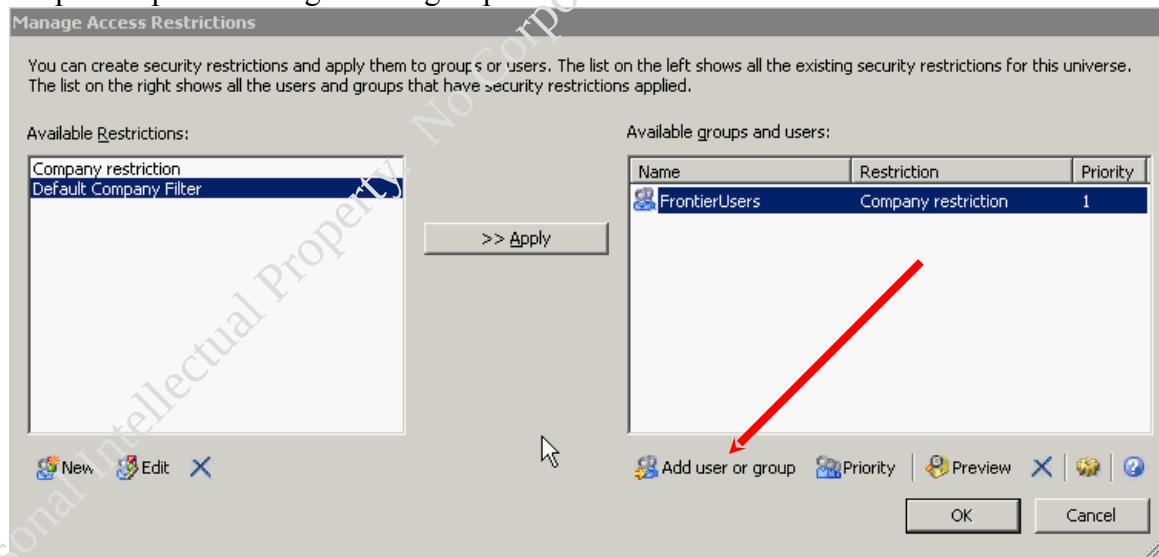
Personal Intellectual Property. No Corporate Use Without Permission. ©Kim Tran

-Select 'company4', click 'ok'

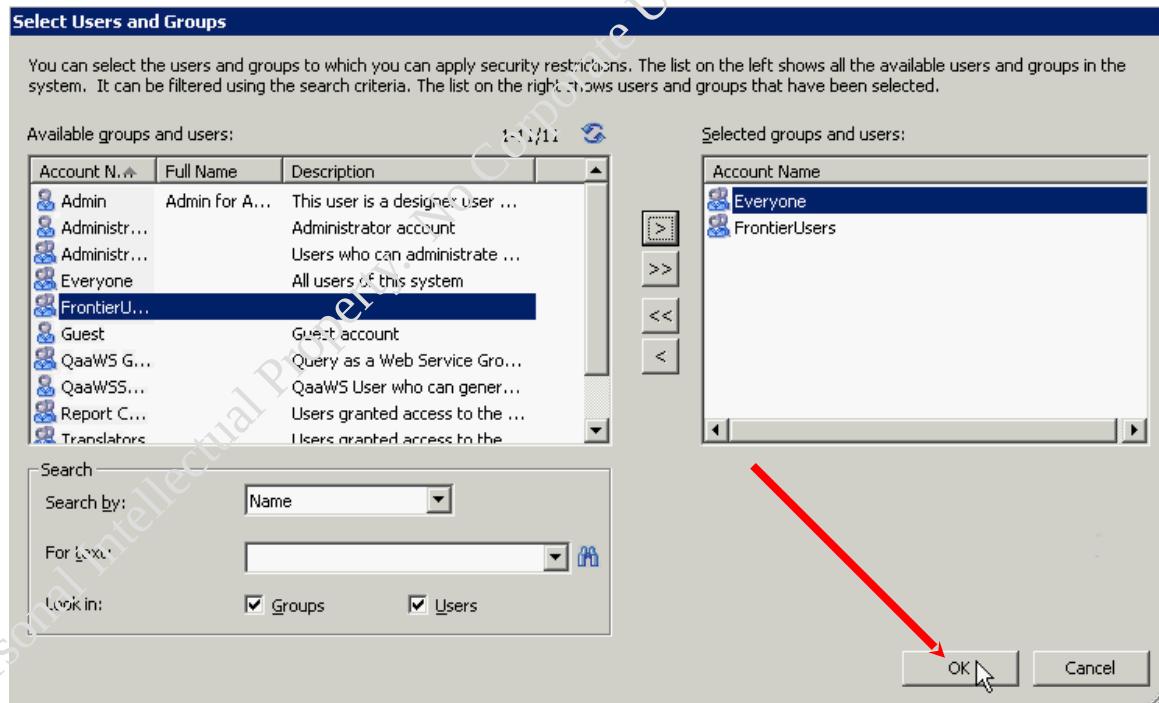
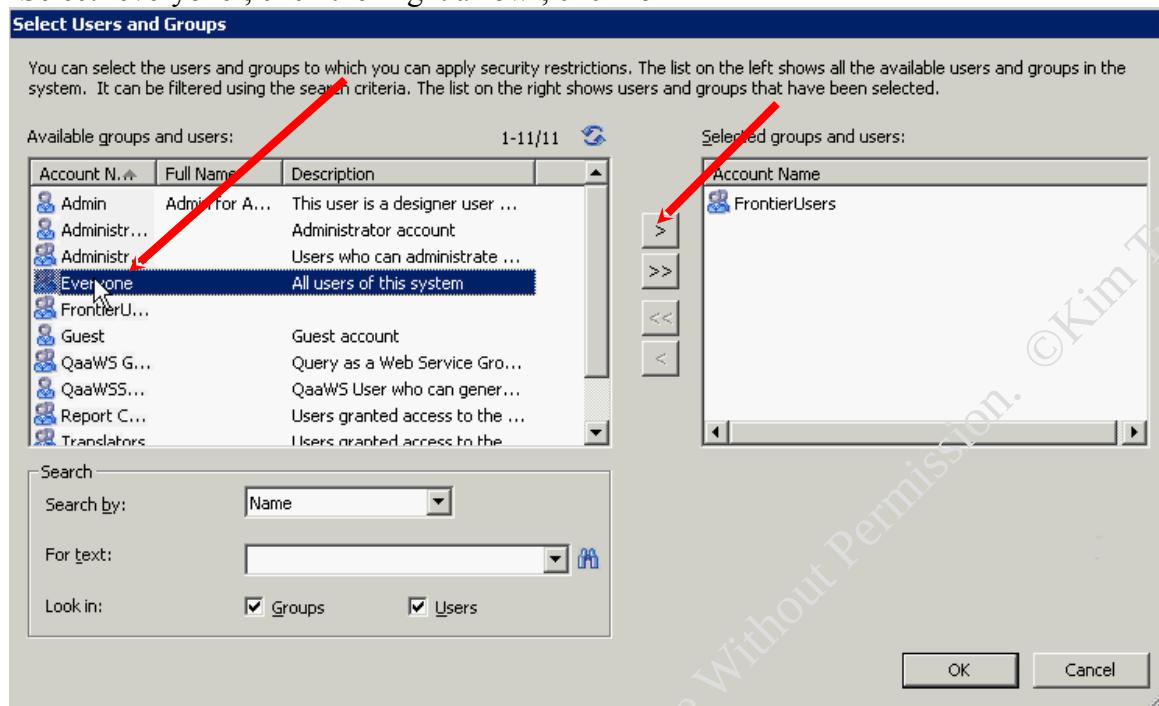




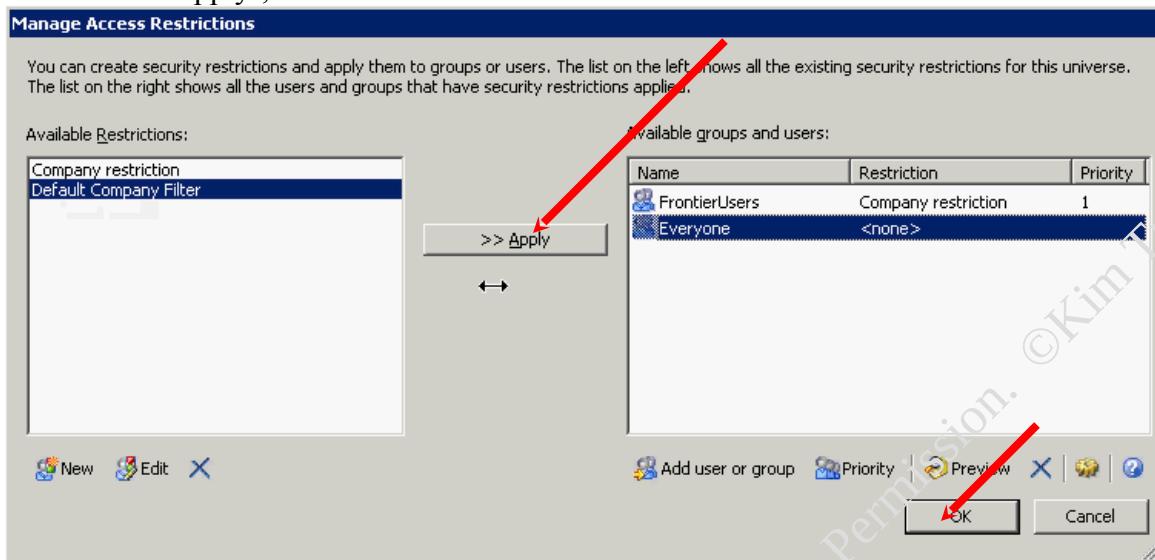
-Repeat steps for adding user or group



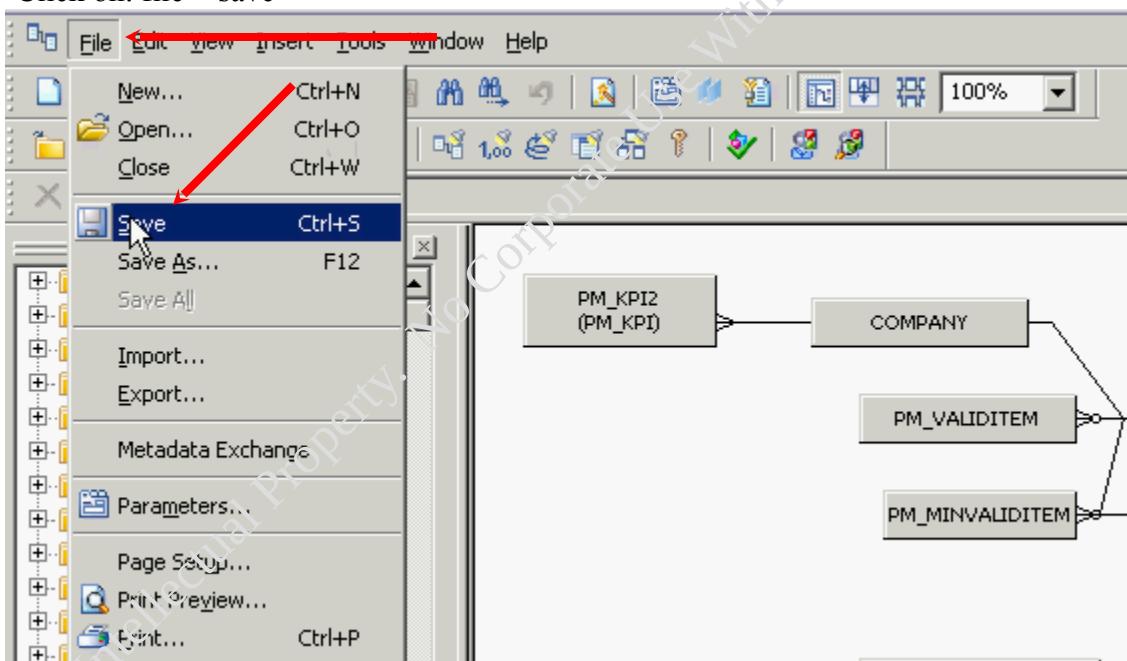
-Select ‘everyone’, click the ‘right arrow’, click ‘ok’



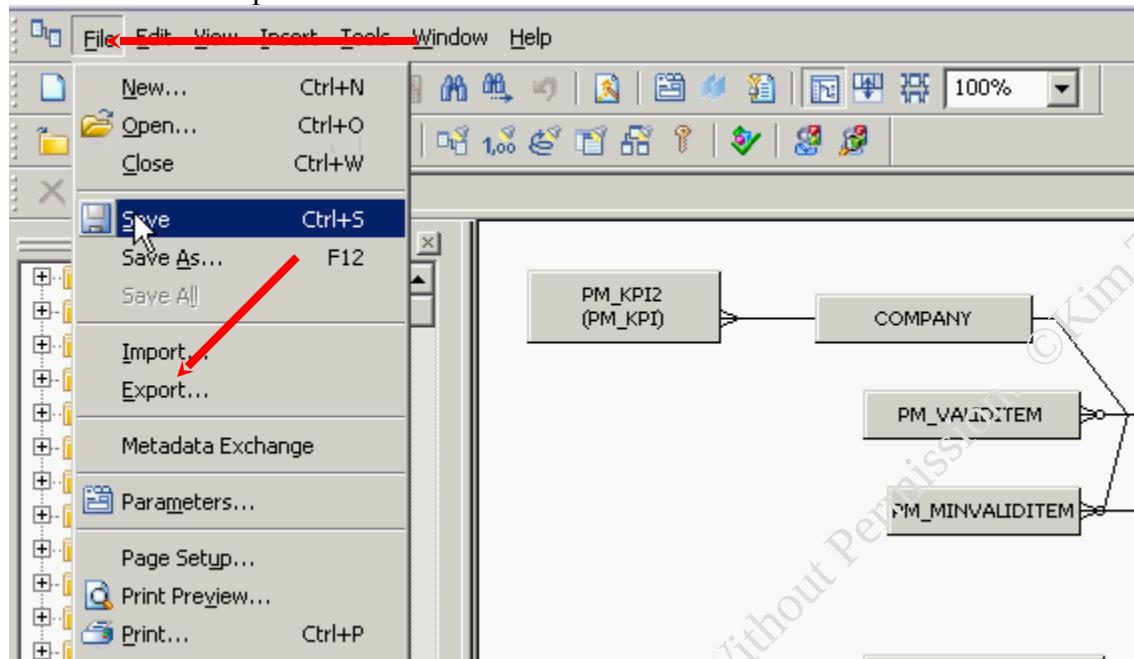
-Click on ‘>>apply’, then ‘ok’



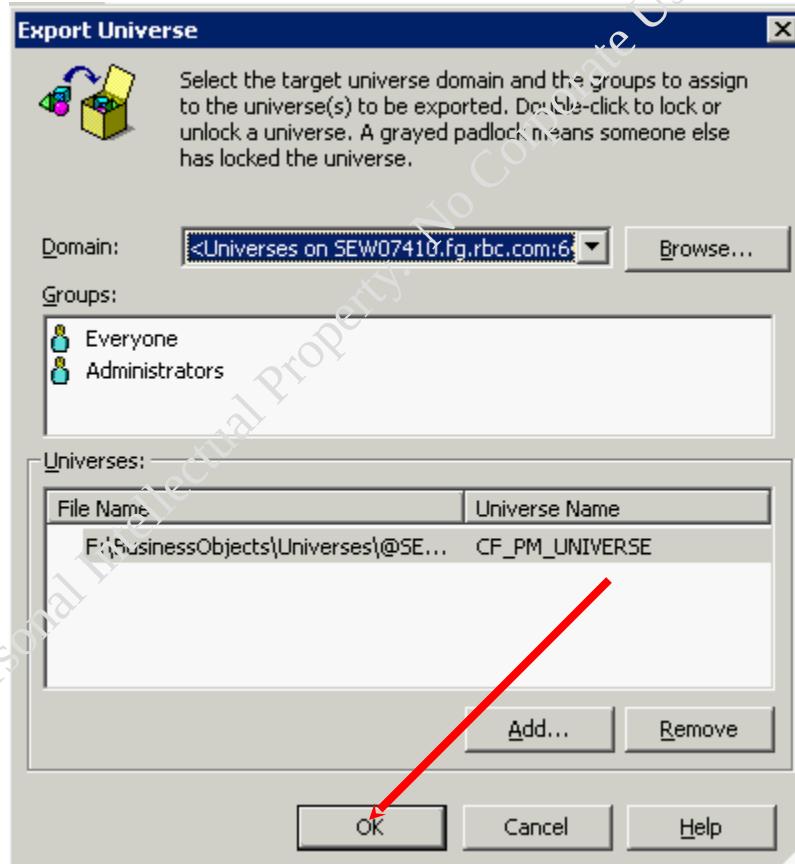
-Click on: file > save



-Click on: file > export



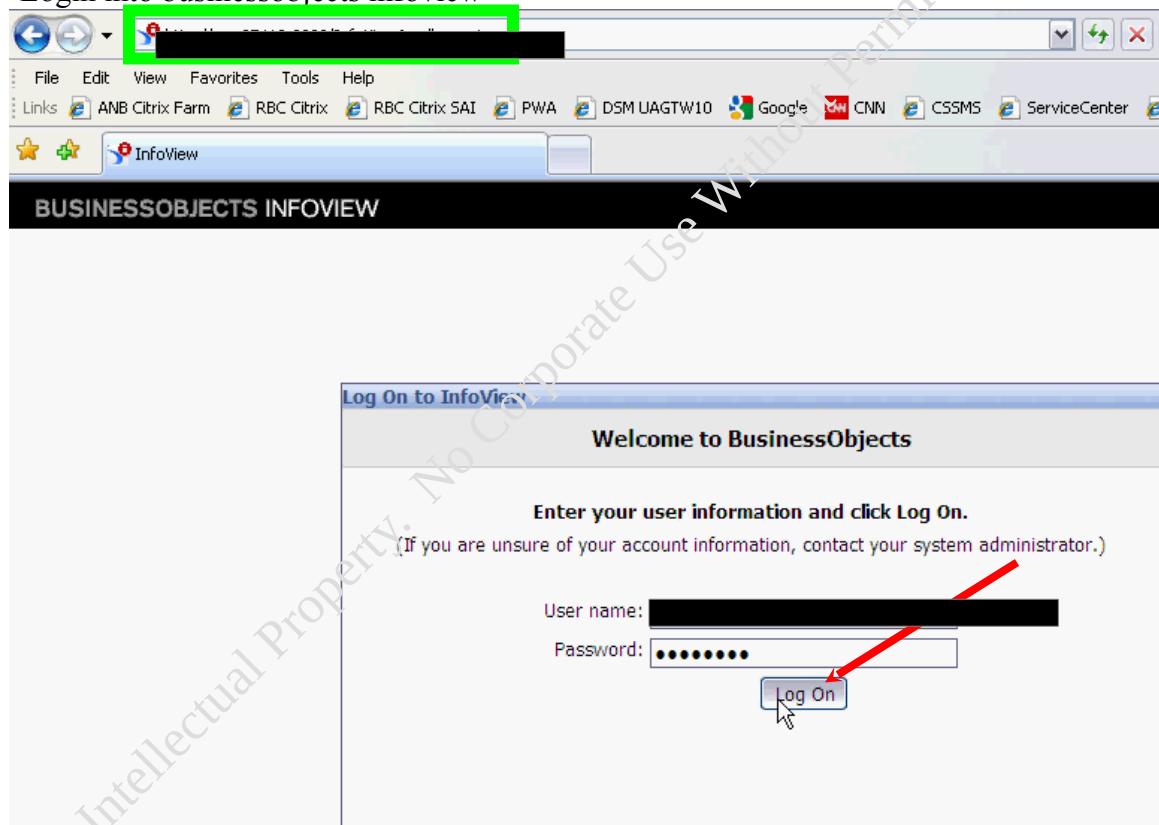
-Click on 'ok'



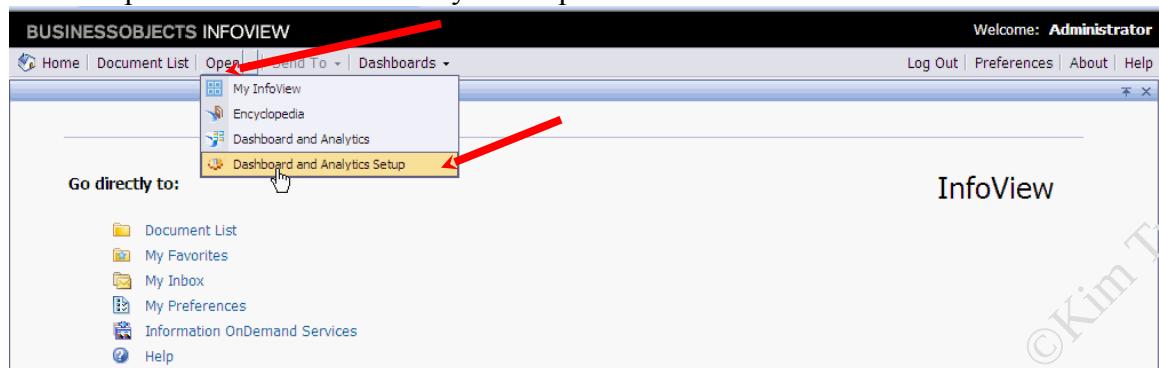
-Click 'ok'



-Login into businessobjects infoview



-Go to: open > dashboard and analytic setup



Setup enables you to configure and deploy your applications.

These include the ability to:

- Deploy all the necessary system tables and templates
- Define time-related information that supports time-based analysis
- Specify parameters that are mandatory for full operation
- Tools to maintain the application

System Setup

Use System Setup to define the target [Repository](#) to deploy the system tables. Specify the [System User](#) for the application engines. Define and push multiple metrics [Universes](#) to the repository. Nominate the [Dimensions](#) for sliced analysis, and setup the user security associated with them.

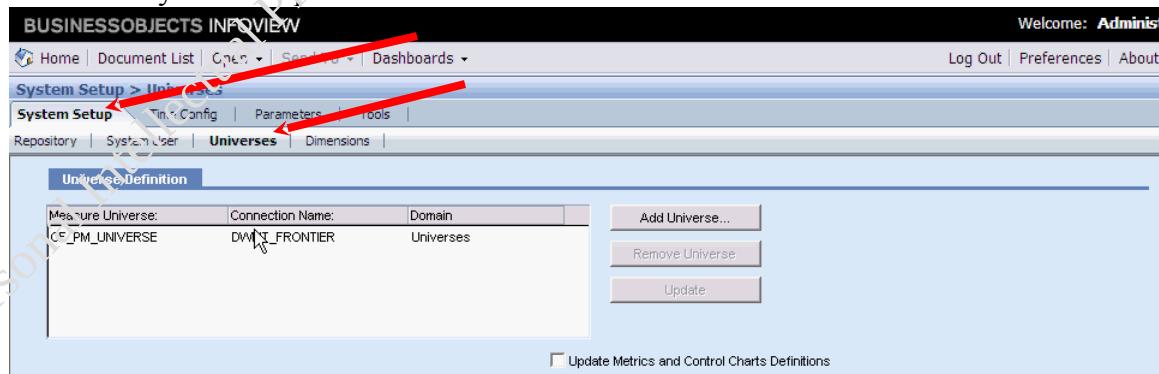
Tools

Administrative Tools help the user [check integrity](#) and [cleanup](#) application objects.

Time Configuration

Define the [Calendar](#) and [Period](#) properties that support time-based analysis. Enrich the defined periods with statistical formulas for [Moving Average](#), [Difference](#), and [Rollup](#) transforms that can support such analysis on metrics.

-Click on: system setup > universe



-Click on 'cf_pm_universe', then 'update'

The screenshot shows the 'System Setup > Universes' page. In the 'Universe Definition' table, there is one row with the following data:

Measure Universe:	Connection Name:	Domain
CF_PM_UNIVERSE	DWMT_FRONTIER	Universes

Red arrows point from the text instructions to the 'Update' button and the 'CF_PM_UNIVERSE' row in the table.

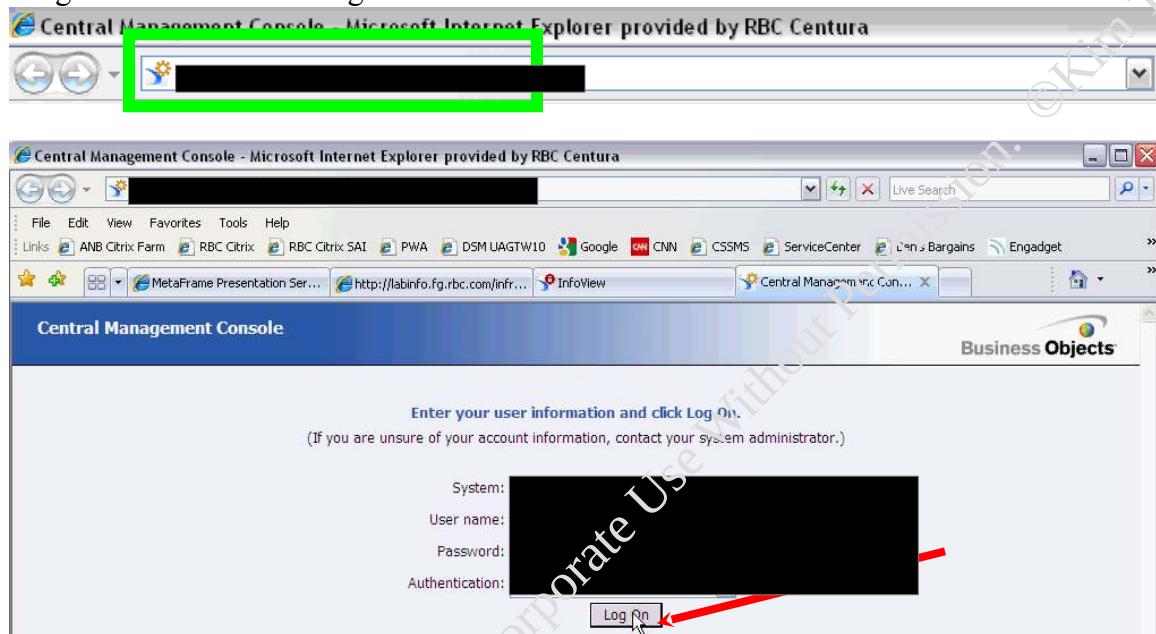
-Click 'log out' when done

The screenshot shows the top navigation bar of the 'System Setup > Universes' page. On the right side, there is a 'Welcome: Admin' label and several links: 'Log Out', 'Preferences', and 'About'. A red arrow points from the text instructions to the 'Log Out' link.

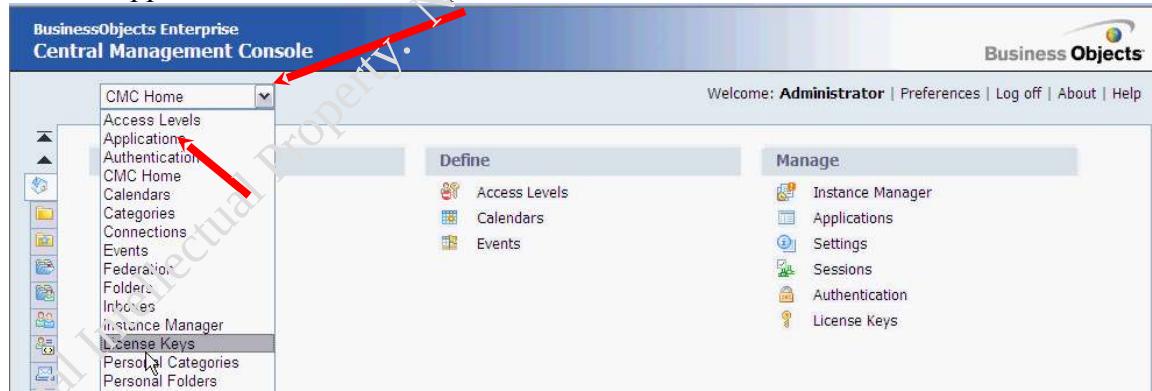
-When done, close all application/windows, then log off

FRS-Frontier – 14 – central management console application settings

-Login to the central management console



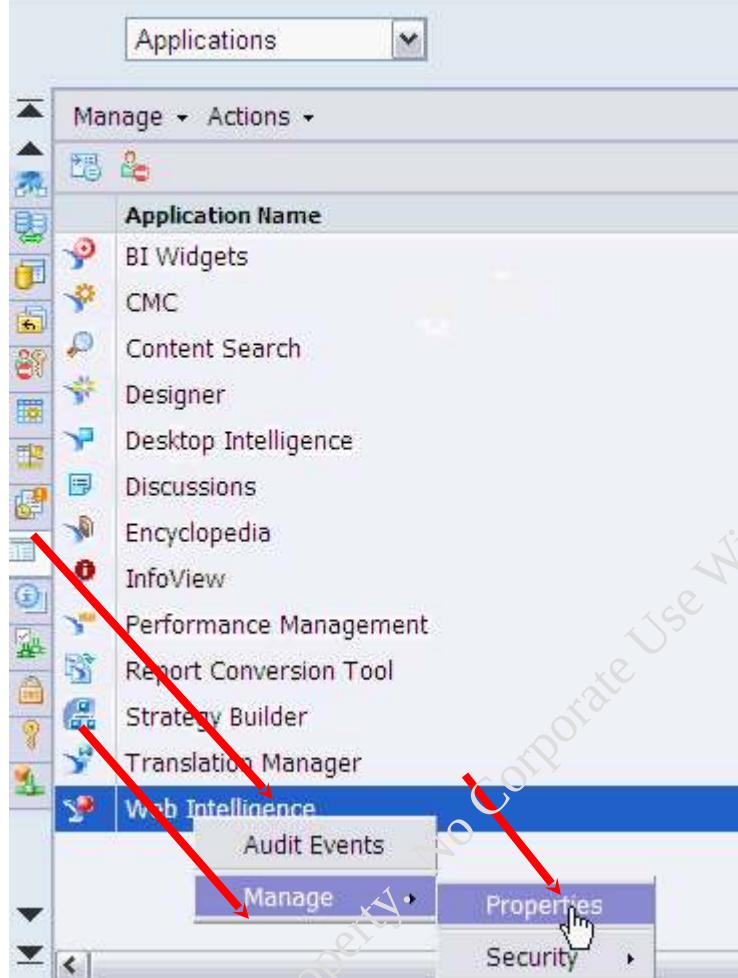
-Select 'applications' from the drop down box



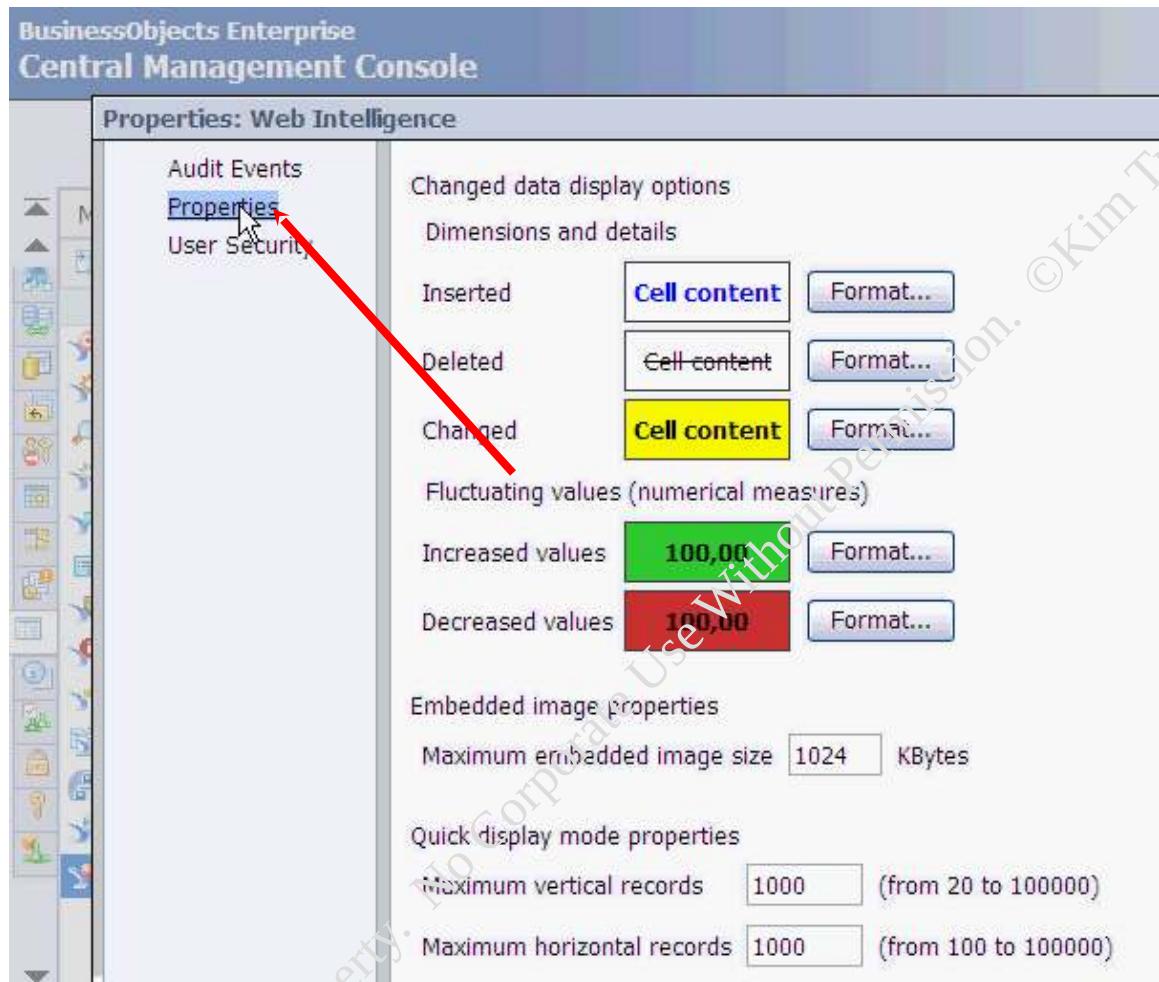
-Click (right click?) on: web intelligence > manage > properties

BusinessObjects Enterprise

Central Management Console



- Click on ‘properties’
- Edit/update the appropriate fields
- Click ‘save and close’



Embedded image properties

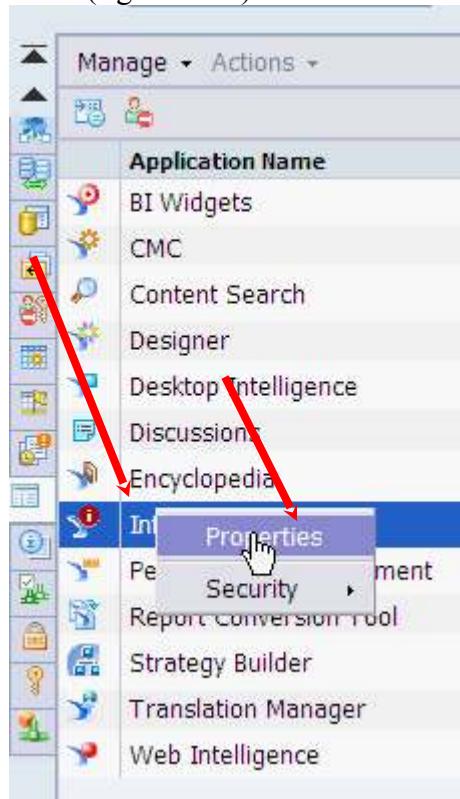
Maximum embedded image size KBytes

Quick display mode properties

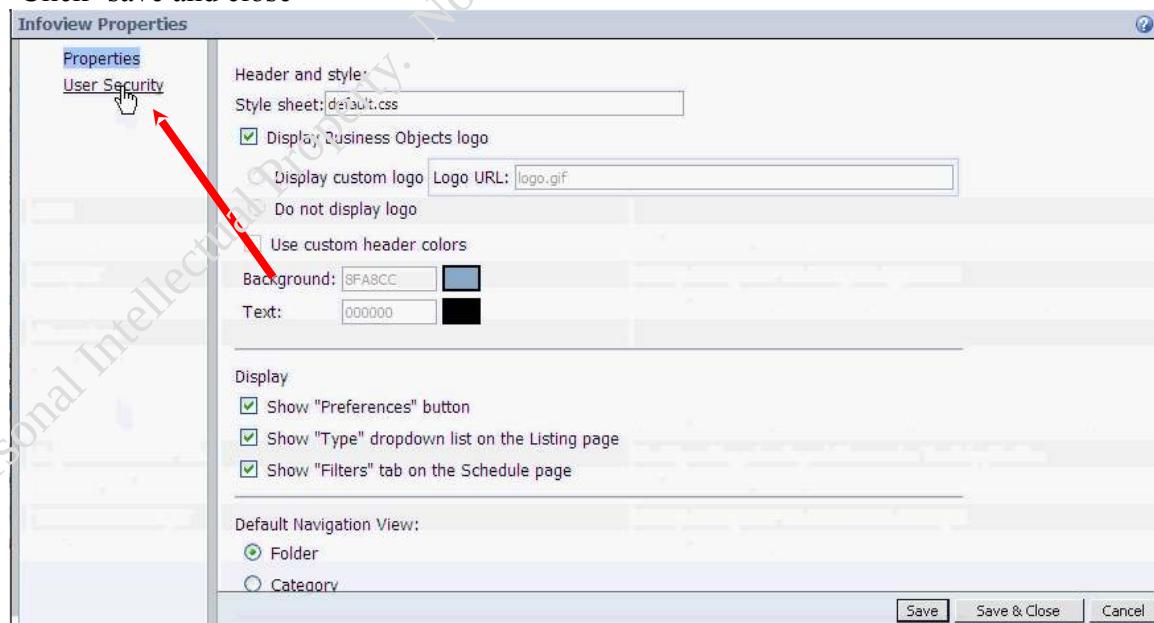
Maximum vertical records	<input type="text" value="20"/>	(from 20 to 100000)
Maximum horizontal records	<input type="text" value="100"/>	(from 100 to 100000)
Minimum page width	<input type="text" value="5200"/>	* 1/3600 inch
Minimum page height	<input type="text" value="5200"/>	* 1/3600 inch
Right padding	<input type="text" value="1000"/>	* 1/3600 inch
Bottom padding	<input type="text" value="1000"/>	* 1/3600 inch

Save **Save & Close** (highlighted with a red box) **Reset** **Cancel**

Click (right click?) on: infoview > properties



- Click on 'user security'
- Edit/update the appropriate fields
- Click 'save and close'



Header and style:

Style sheet: default.css

Display Business Objects logo

Display custom logo Logo URL: CFLogo.jpg

Do not display logo

Use custom header colors

Background: FFFFFF

Text: 000000

Display

Show "Preferences" button

Show "Type" dropdown list on the Listing page

Show "Filters" tab on the Schedule page

Default Navigation View:

Folder

Category

-Log off



-When done, close all applications/windows, then log off

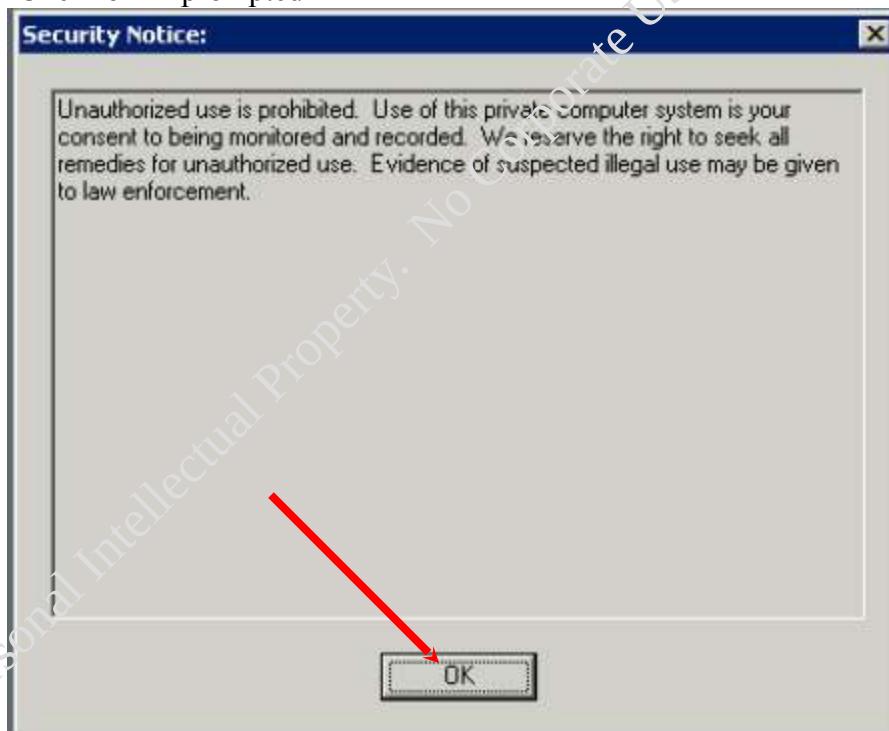
FRS-Frontier – 15 – checkfree admin ws install, folder security settings

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



-Enter credentials to log in

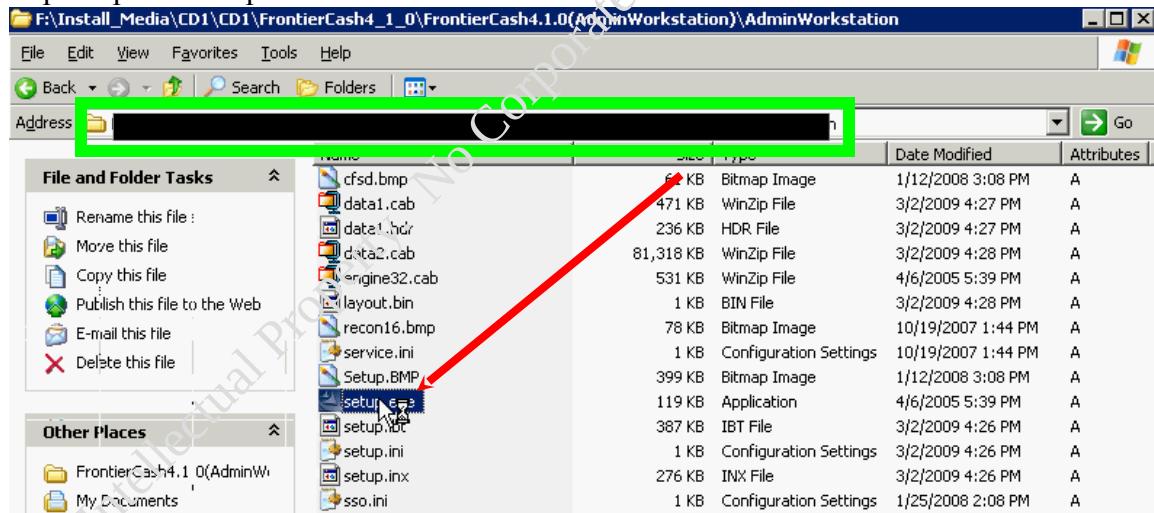


-Open up the appropriate directory

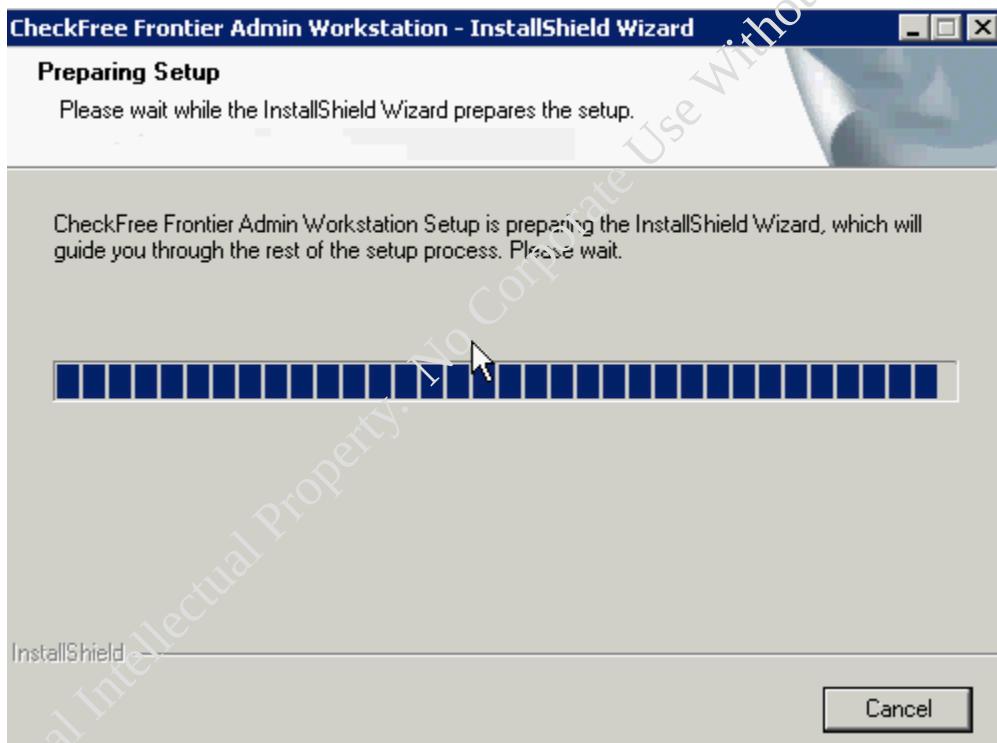
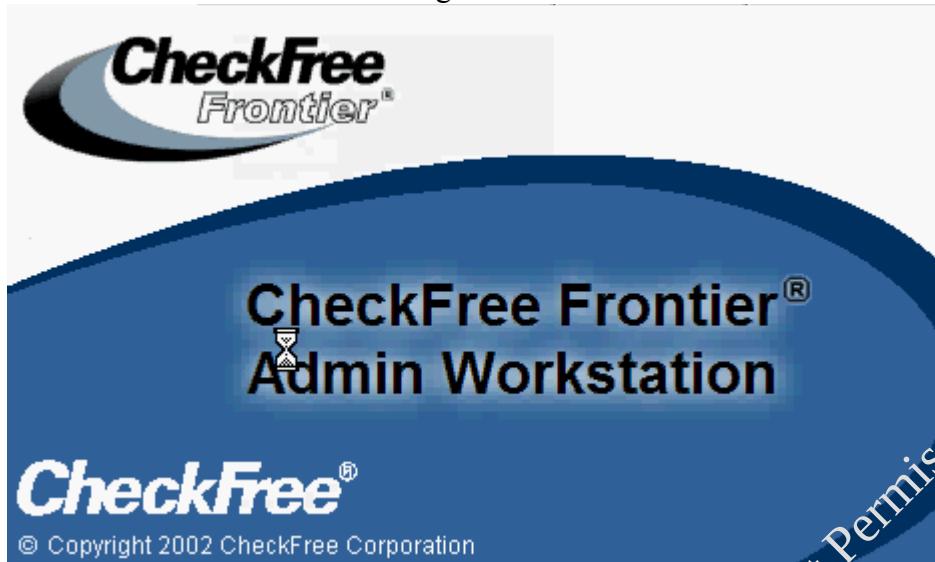
-In this example:

```
f:\install_media\cd1\cd1\frontiercash4_1_0\frontiercash4.1.0\adminworkstation  
    \adminworkstation
```

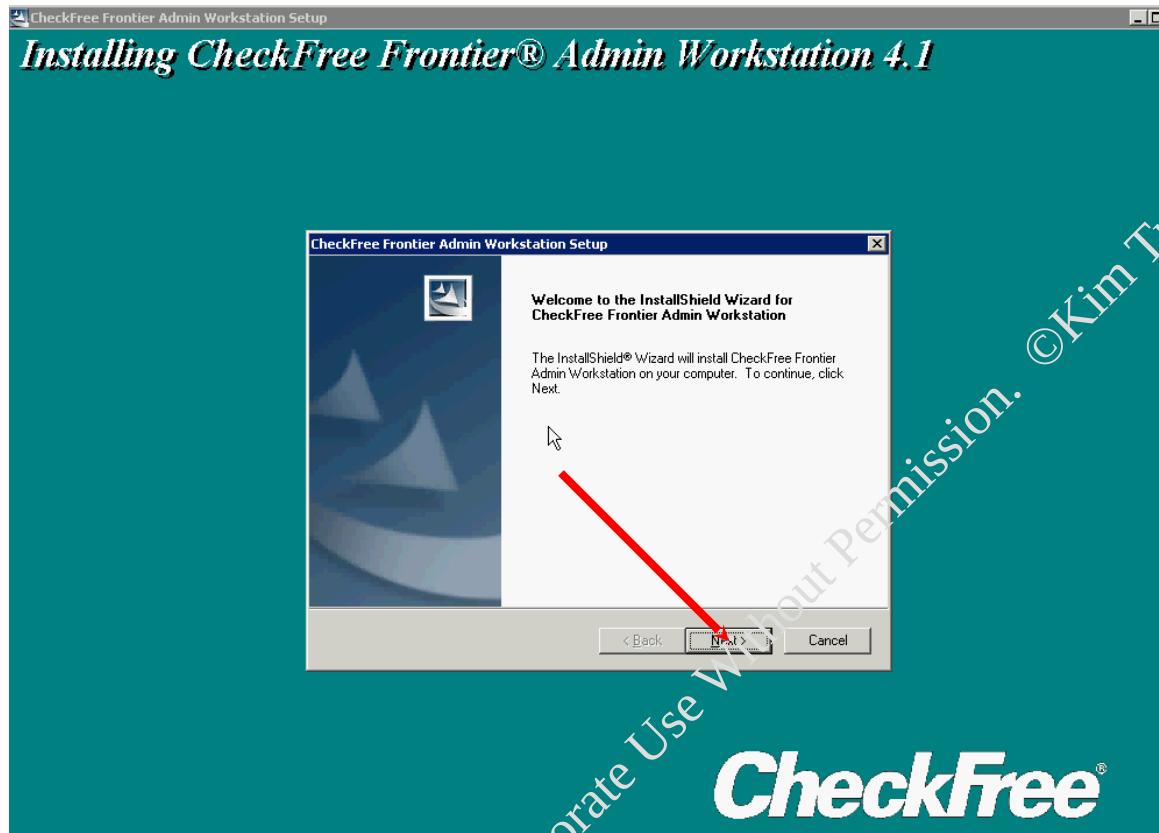
-Open up the 'setup.exe' file



-The installation should be starting

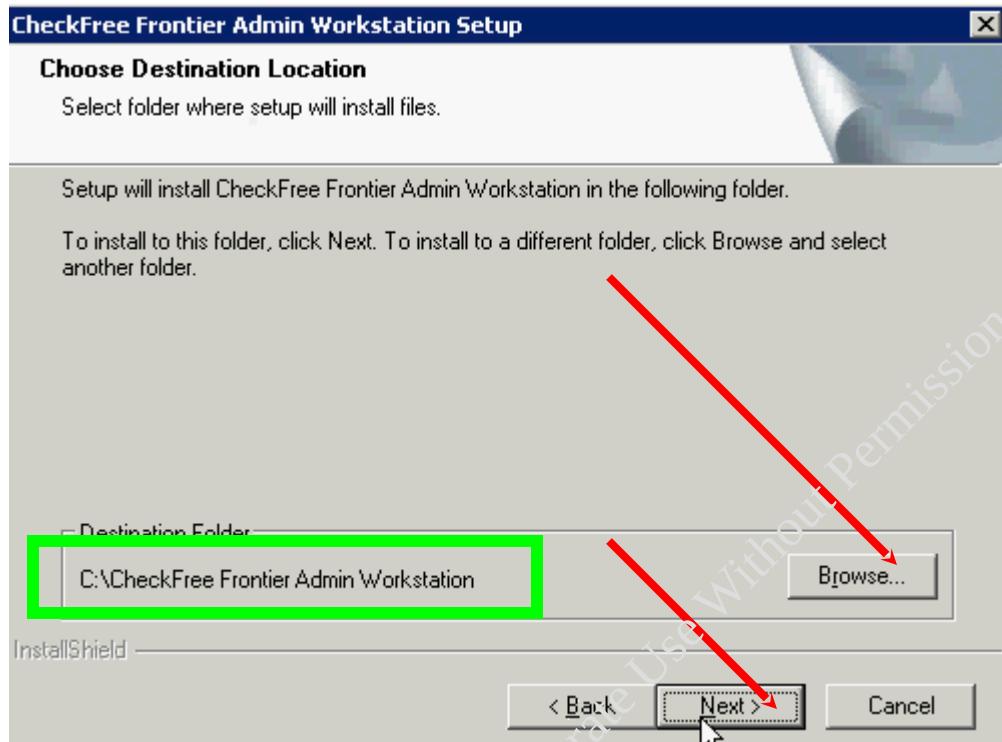


-Click ‘next’

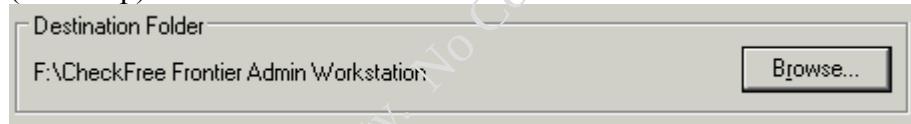


CheckFree®

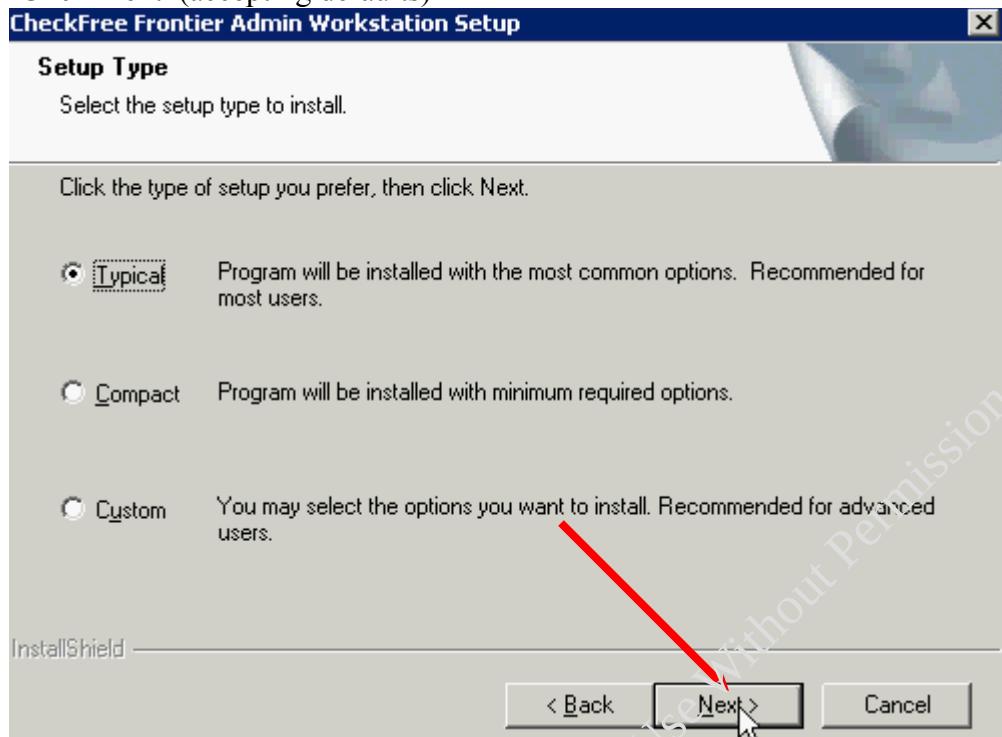
- Click on ‘browse’
- Change the location from C: to ‘F:’
- Click ‘next’



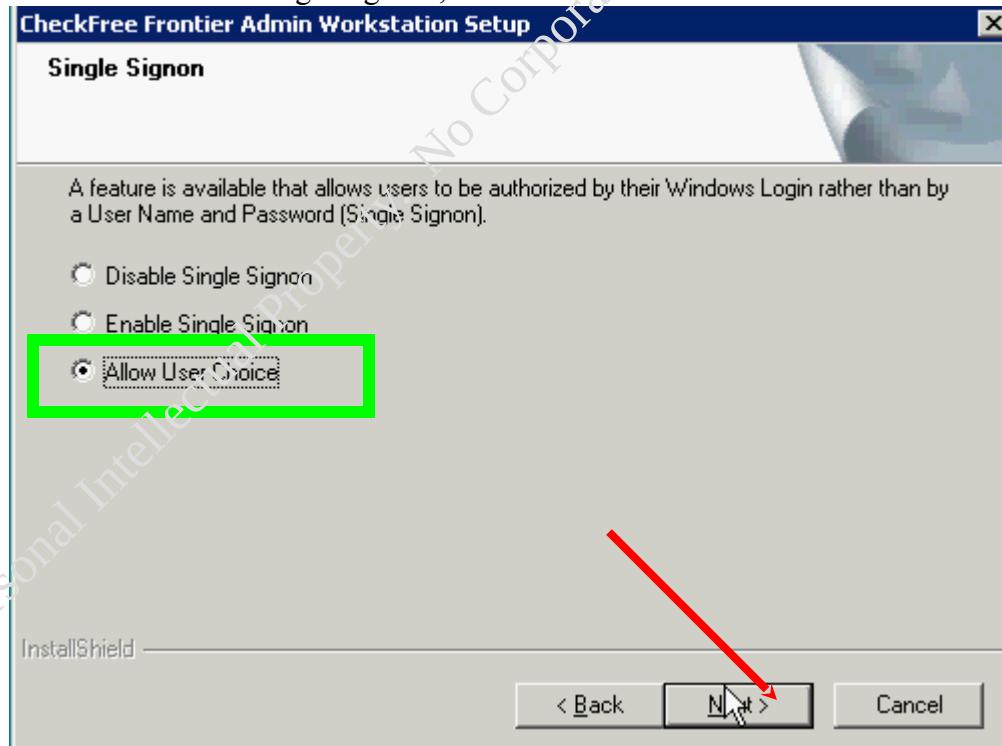
(closer up)



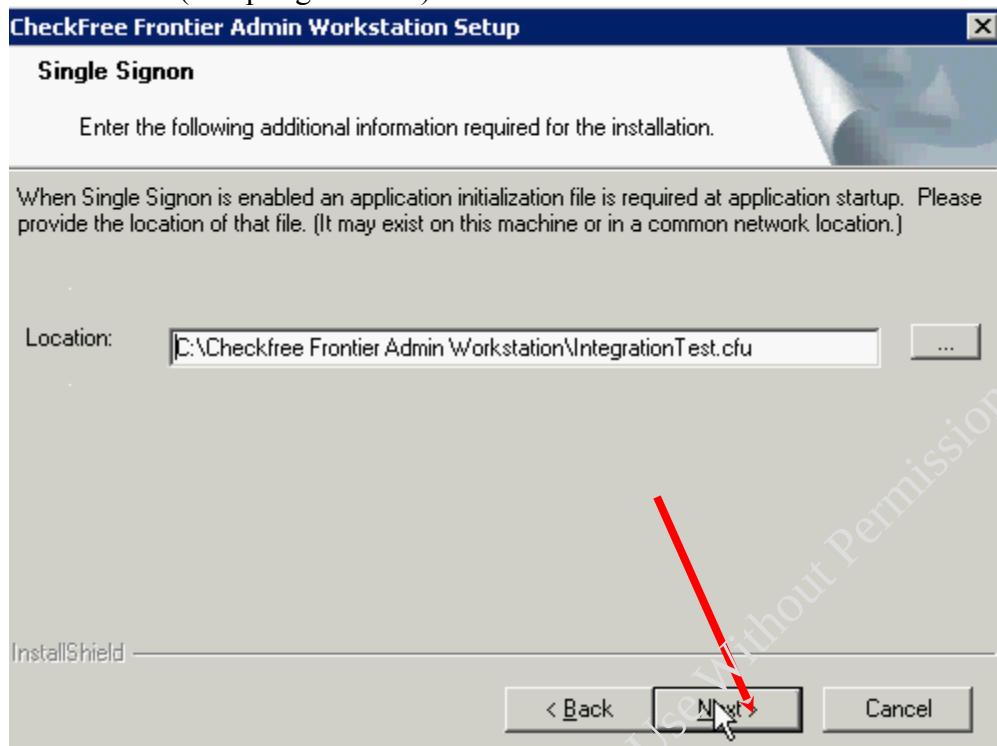
-Click ‘next’ (accepting defaults)



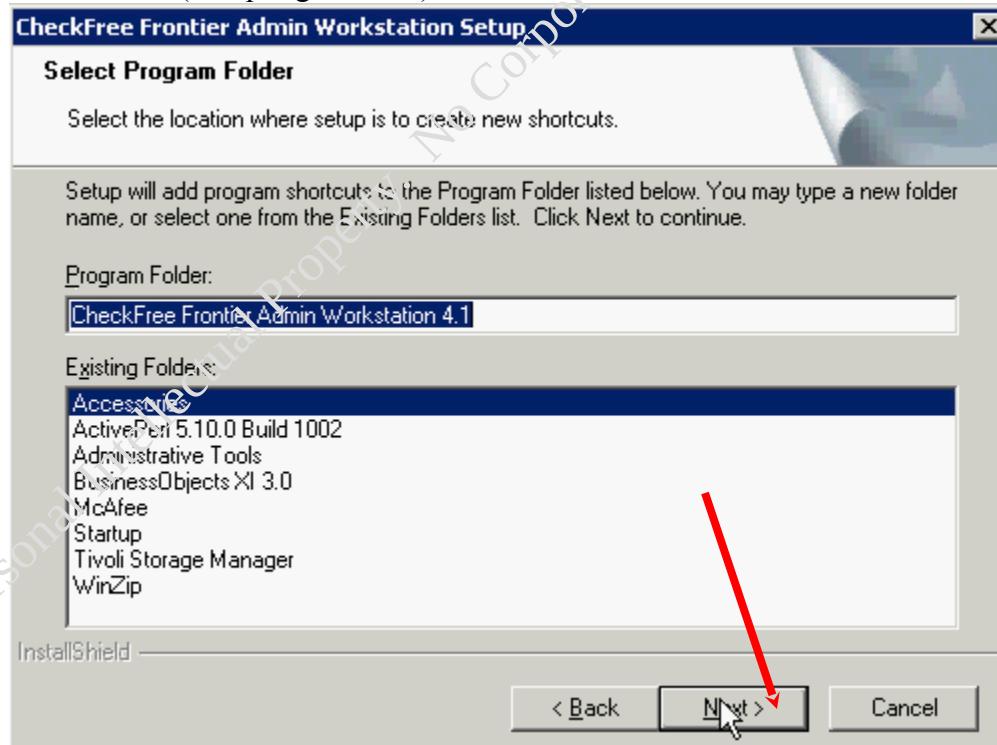
-Check the ‘enable single signon’, click ‘next’



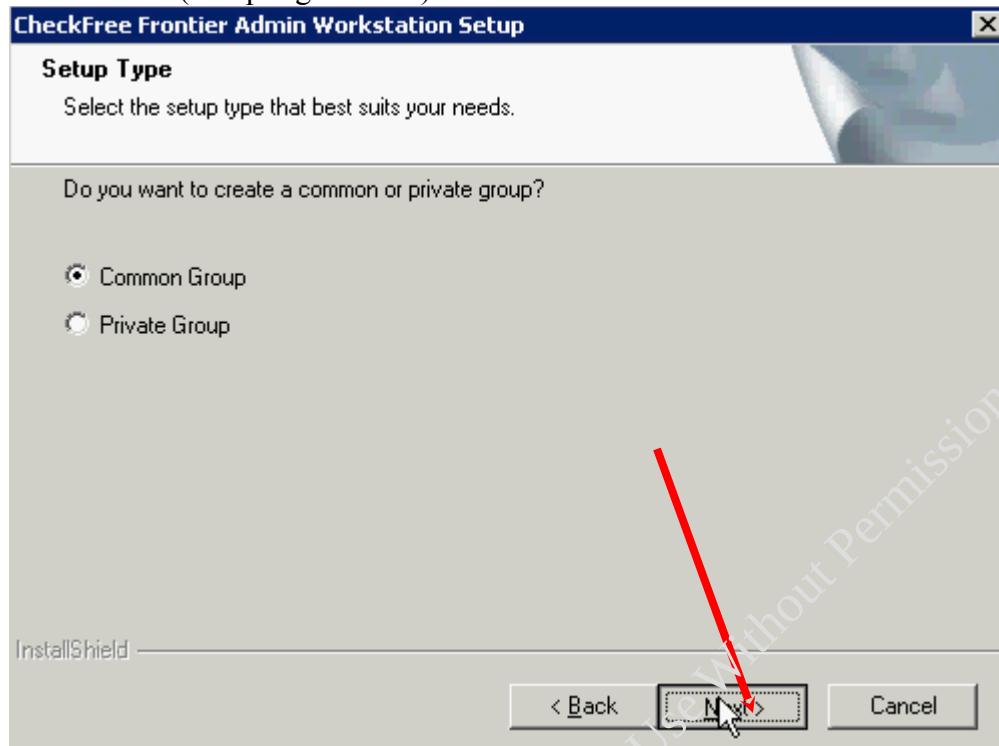
-Click ‘next’ (accepting defaults)



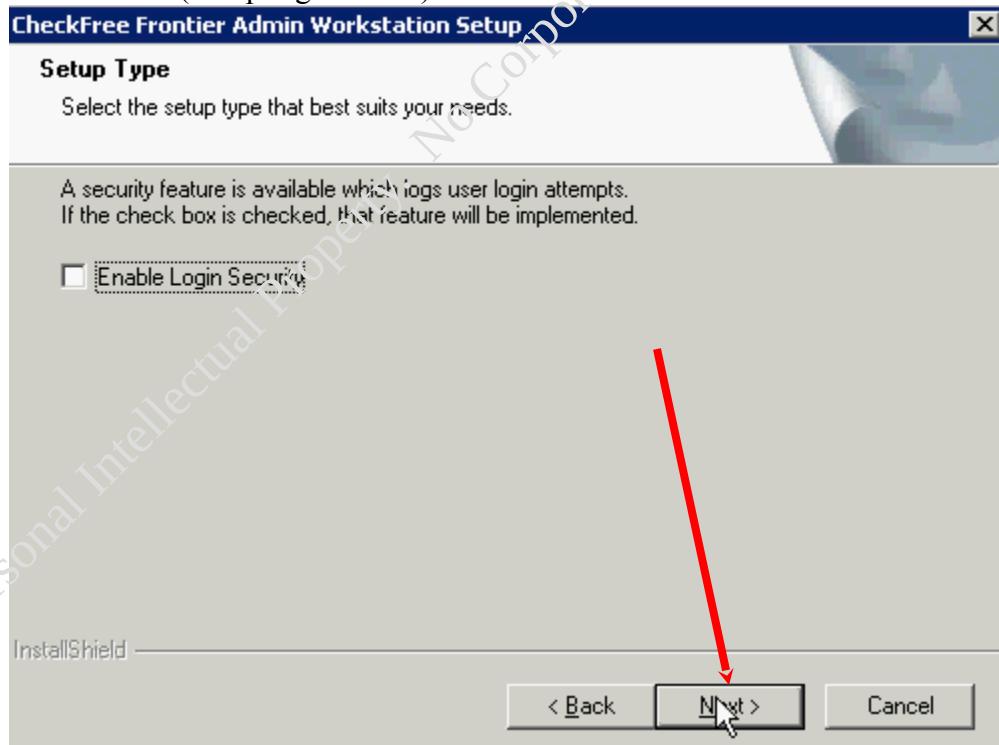
-Click ‘next’ (accepting defaults)



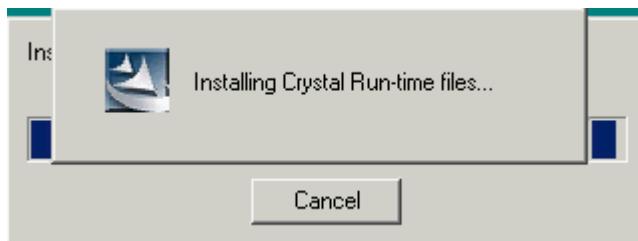
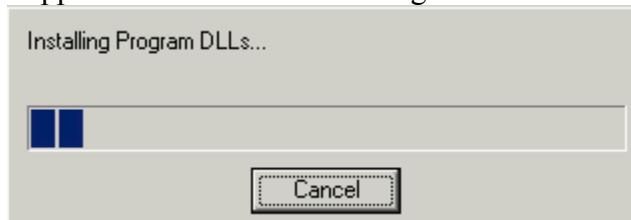
-Click ‘next’ (accepting defaults)



-Click ‘next’ (accepting defaults)



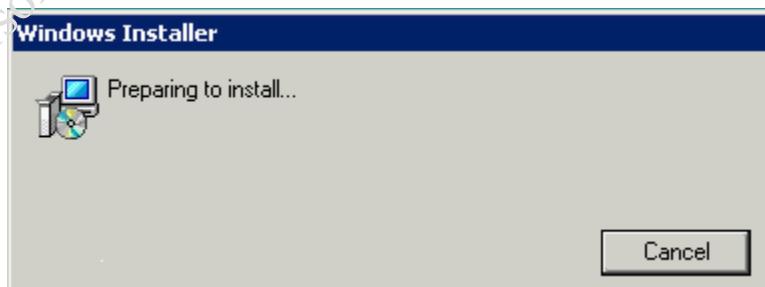
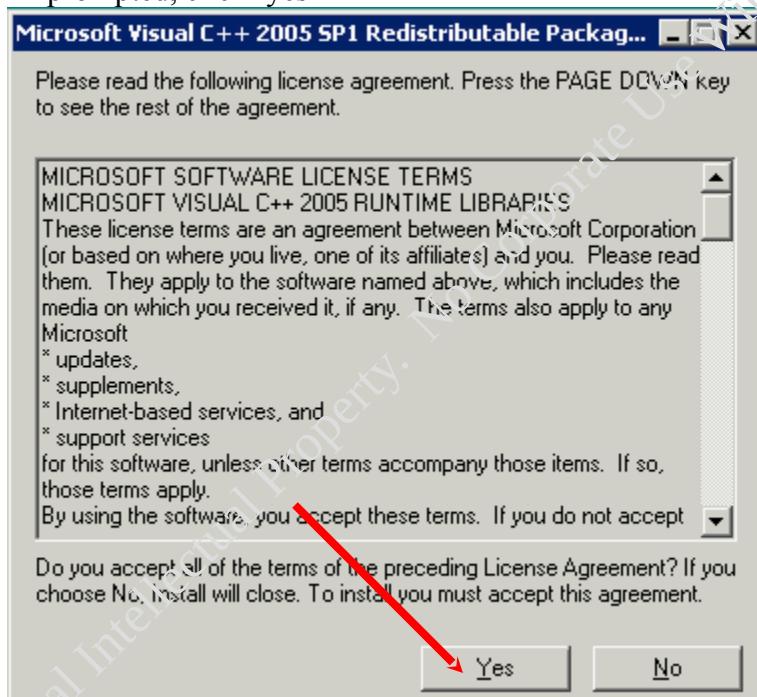
-Application should be installing

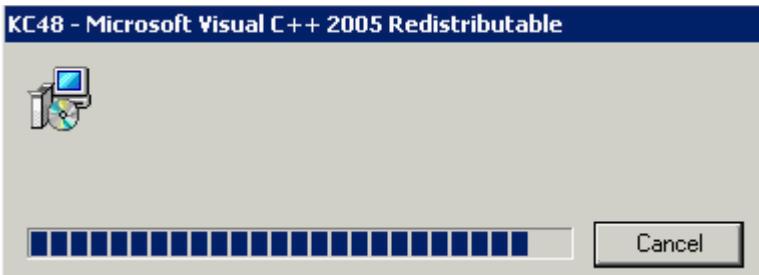


-Some additional packages may need to be installed

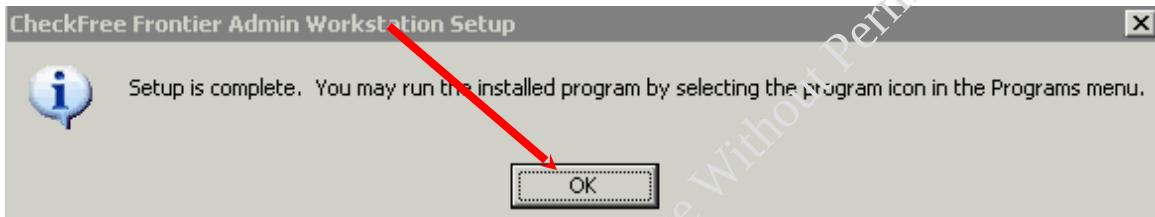
-In this example: MS visual c++ 2005 sp1

-If prompted, click 'yes'





-Click 'ok'



-Open up the sql server management studio

-Connect to the appropriate server



-Open the appropriate ‘file’

-You should be at this similar screen:

The screenshot shows the SSMS interface. In the Object Explorer on the left, there is a tree view of database objects under the connection 'DWMT_Frontier'. In the center, a query window titled 'YKE0-P2K5N3\...SQLQuery1.sql' contains the following SQL code:

```
select * from sysconfigattributes
update sysconfigattributes set stringvalue = 0 where attribute = 'Frontier SSO'
```

Below the code is a results grid titled 'Results' with columns: ConfigID, Attribute, ShortValue, IntValue, FloatValue, and StringValue. The data in the grid is as follows:

ConfigID	Attribute	ShortValue	IntValue	FloatValue	StringValue
23	0	Title Font Size	48	NULL	NULL
24	-2	OptimizeSelect Allowable Flags	NULL	16	NULL
25	-2	Scheduled Automatch with Locking	1	0	0
26	0	Update with Item Date	0	NULL	NULL
27	0	Use Avail Discrepant	0	NULL	Avail

-Edit/update the appropriate fields

-Click the ‘execute’ button

The screenshot shows the SSMS interface with a green box highlighting the query window. Inside the query window, the code has been modified to include a 'select * from sysuser' statement:

```
--select * from sysconfigattributes
--update sysconfigattributes set stringvalue = 0 where attribute = 'Frontier SSO'
select * from sysuser
```

A red arrow points to the 'Execute' button located in the toolbar above the query window.

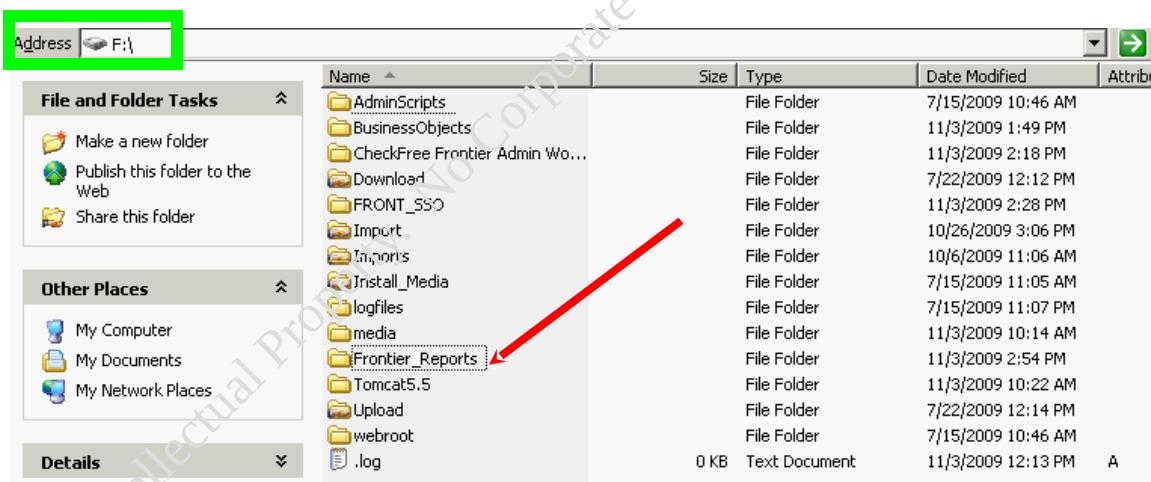
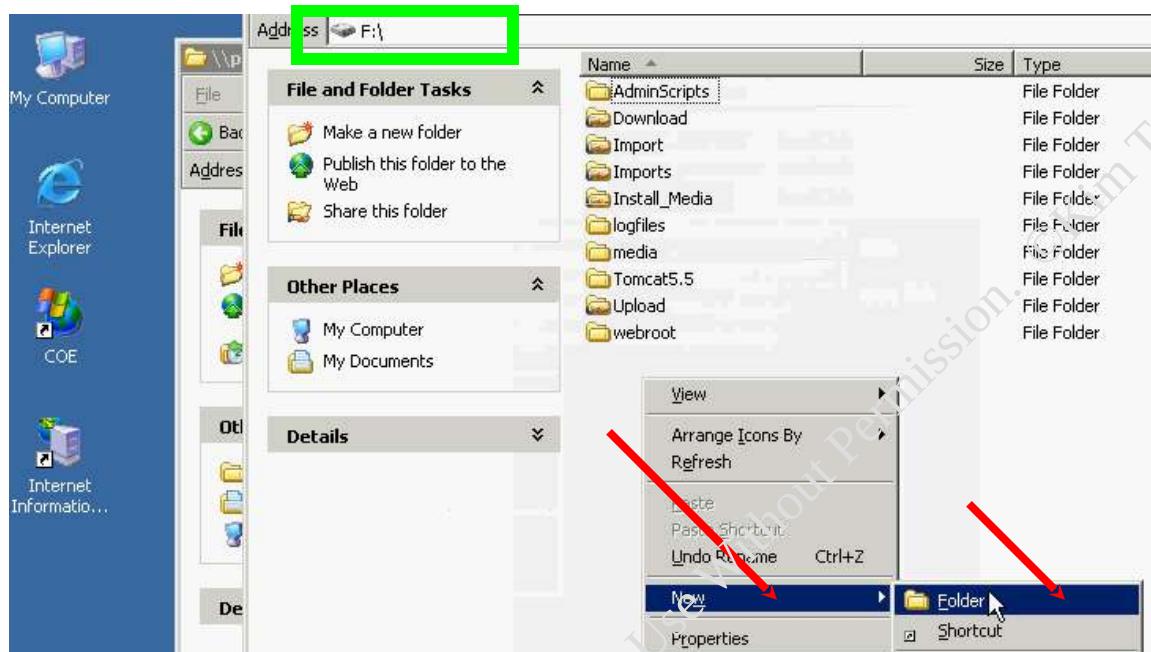
-Output should be similar

The screenshot shows the SSMS interface with a results grid titled 'Results' containing user information. The columns are: Id, Name, Password, FullName, Phone, Fax, Email, Address, City, and S. The data in the grid is as follows:

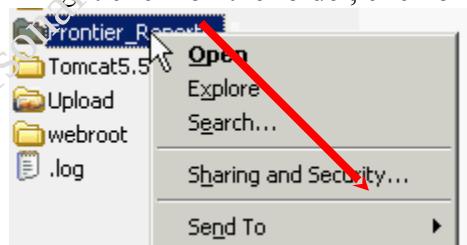
Id	Name	Password	FullName	Phone	Fax	Email	Address	City	S
1	[Security]	9D397A1DF1A70DC0D116DDDB4DDDE5F4	NULL	NULL	NULL	NULL	NULL	NULL	N
2	[Script]	9D397A1DF1A70DC0D116DDDB4DDDE5F4	NULL	NULL	NULL	NULL	NULL	NULL	N
3	[Image]	9D397A1DF1A70DC0D116DDDB4DDDE5F4	NULL	NULL	NULL	NULL	NULL	NULL	N
4	[None]	40EF22BA6EC98556E45C687C7454E5B2	NULL	NULL	NULL	NULL	NULL	NULL	N
5	Demo	FAA475F674F92018E363AA0F822860	NULL	NULL	NULL	NULL	NULL	NULL	N
6	WMT_Admin	5CD2542A3A1B8C4AC40E18C32D1774F9	Administrator	NULL	NULL	NULL	NULL	NULL	N
7	WChai		Wendy Chai	NULL	NULL	NULL	NULL	NULL	N
8	CEdwards		Carla Edwards	NULL	NULL	NULL	NULL	NULL	N
9	[TMAudit]	NULL	NULL	NULL	NULL	NULL	NULL	NULL	N
10	LCherry	D70A6AE06B0F55A614ED5FEE8D962871	Latoya Cherry	NULL	NULL	NULL	NULL	NULL	N
11	kbock		Kelly Bock	NULL	NULL	NULL	NULL	NULL	N

At the bottom of the screen, a status bar indicates: 'Query executed successfully.' and 'YKE0-P2K5N3\WIN03 (9.0 SP3) | PwMT0SRV01 (110) | DWMT_Frontier | 00:00:00 | 54 rows'.

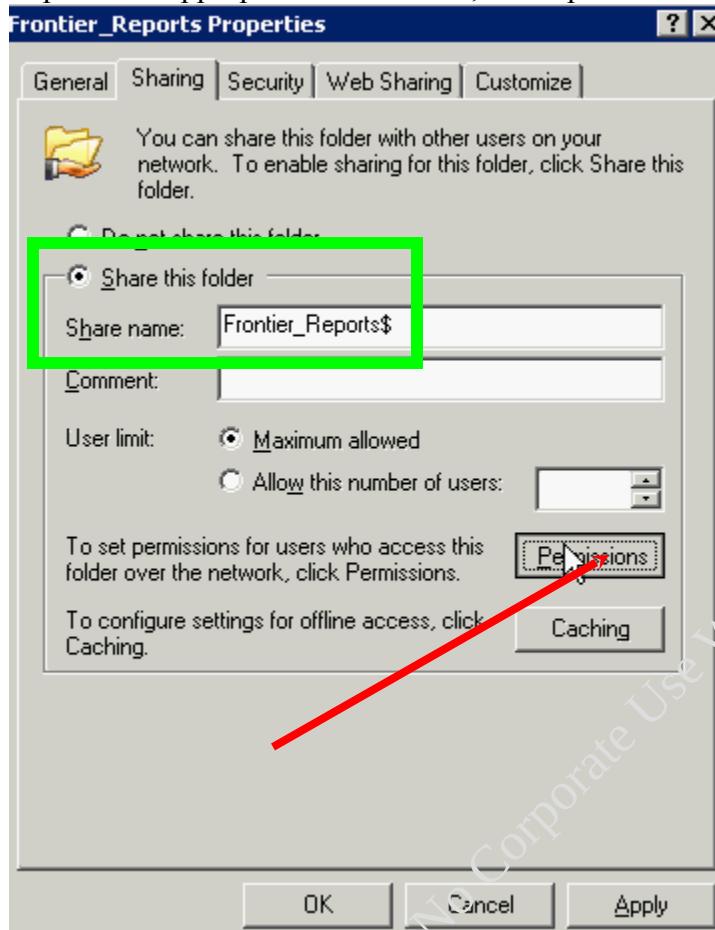
- Navigate to the appropriate directory, in this example: F:
- Create a new folder ('right click' > new > folder)
- Rename the folder to 'frontier_reports'



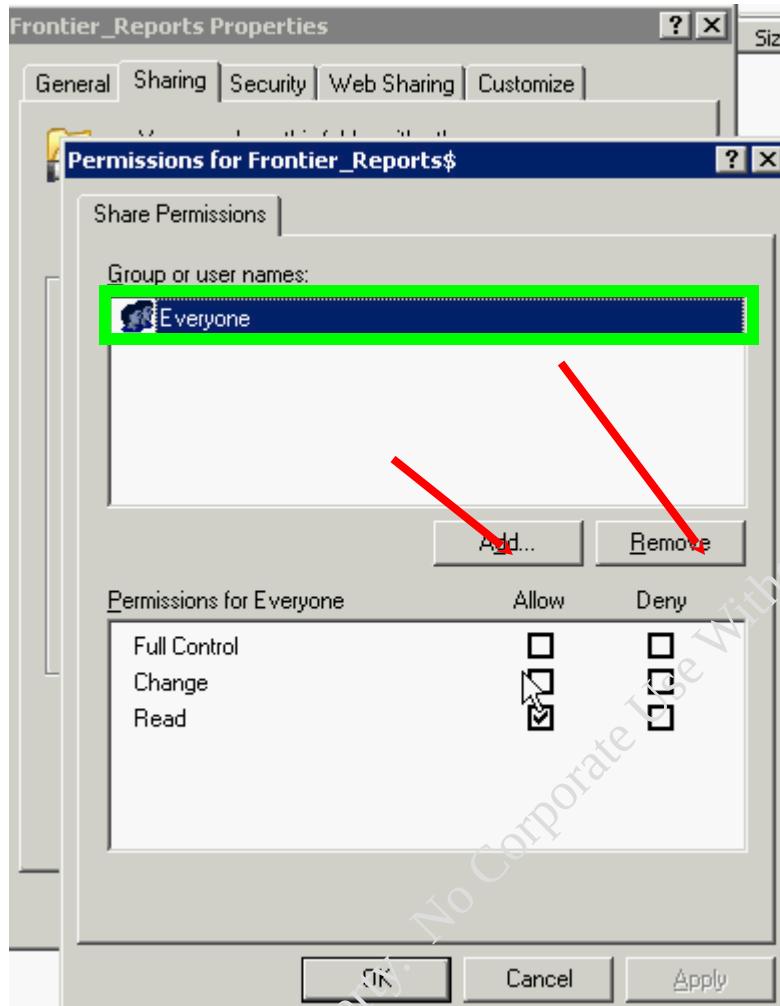
- ‘Right click’ on the folder, click on ‘sharing and security’



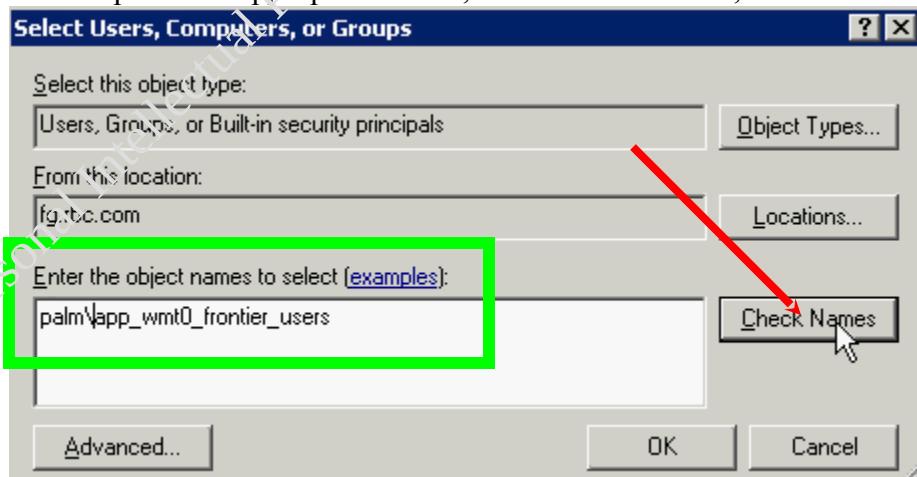
- Under the ‘sharing’ tab, click on ‘share this folder’
- Update the appropriate information, click ‘permissions’

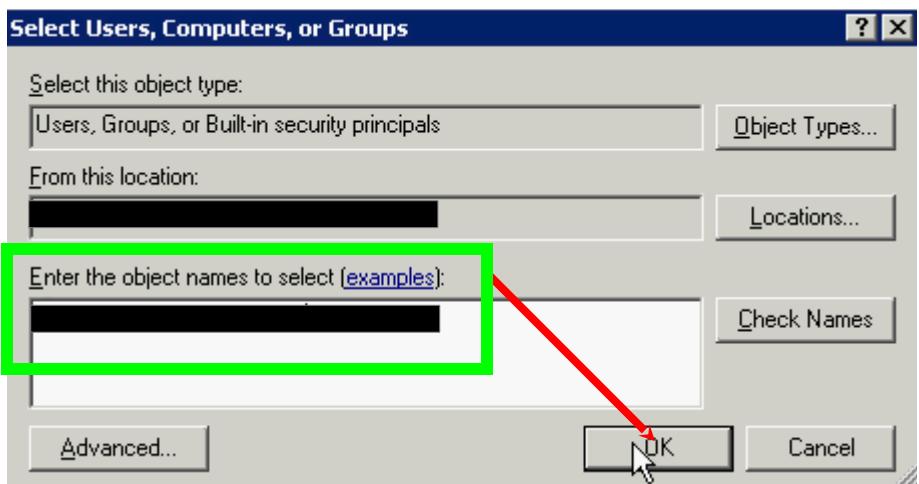


- Click on ‘everyone’, click ‘remove’
- Click on ‘add’

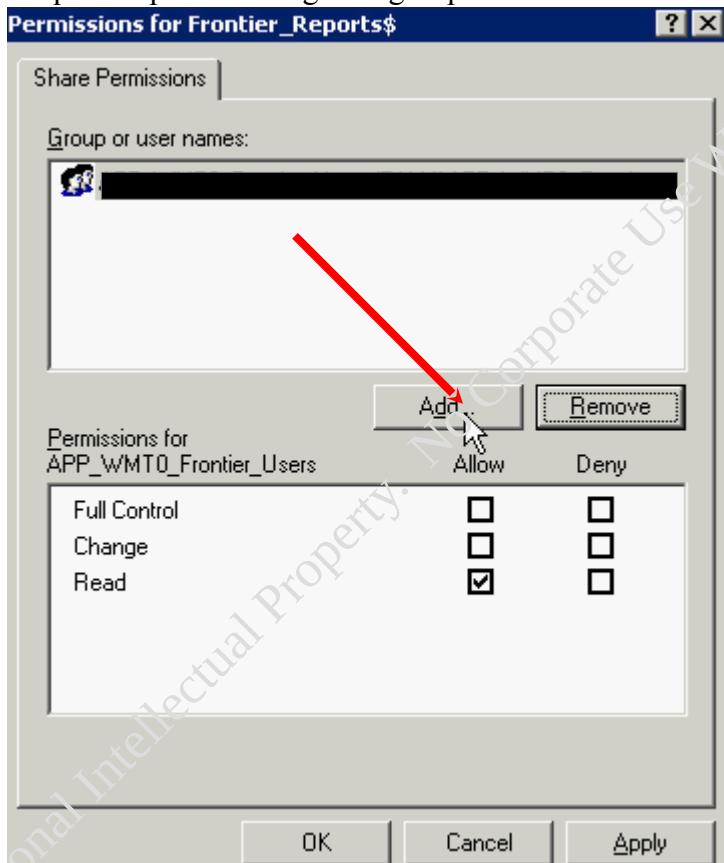


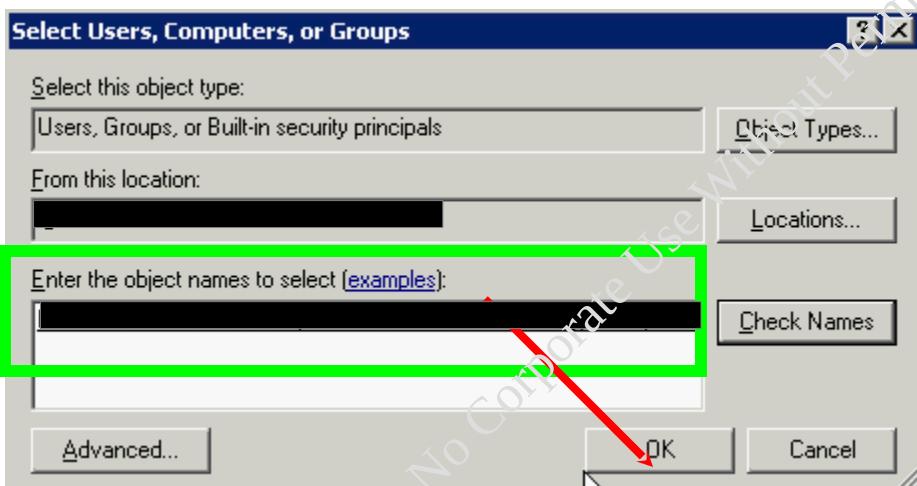
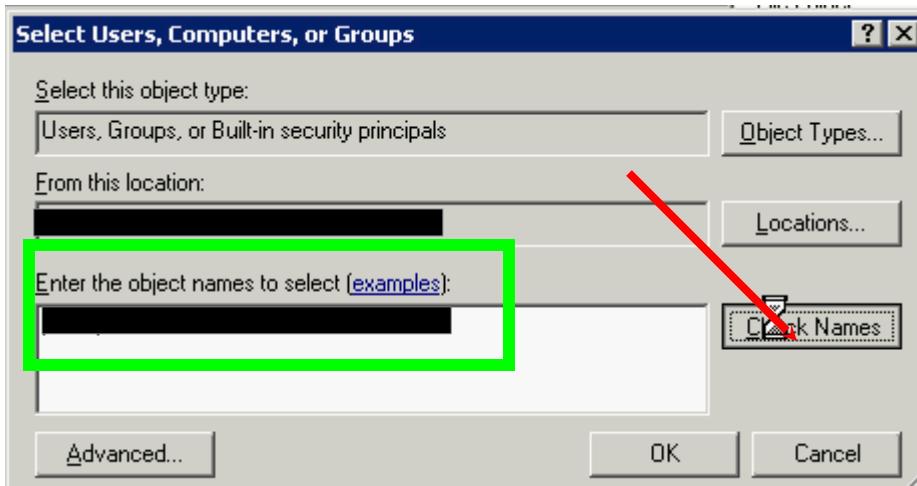
- Enter/update the appropriate fields, click ‘check names’, click ‘ok’



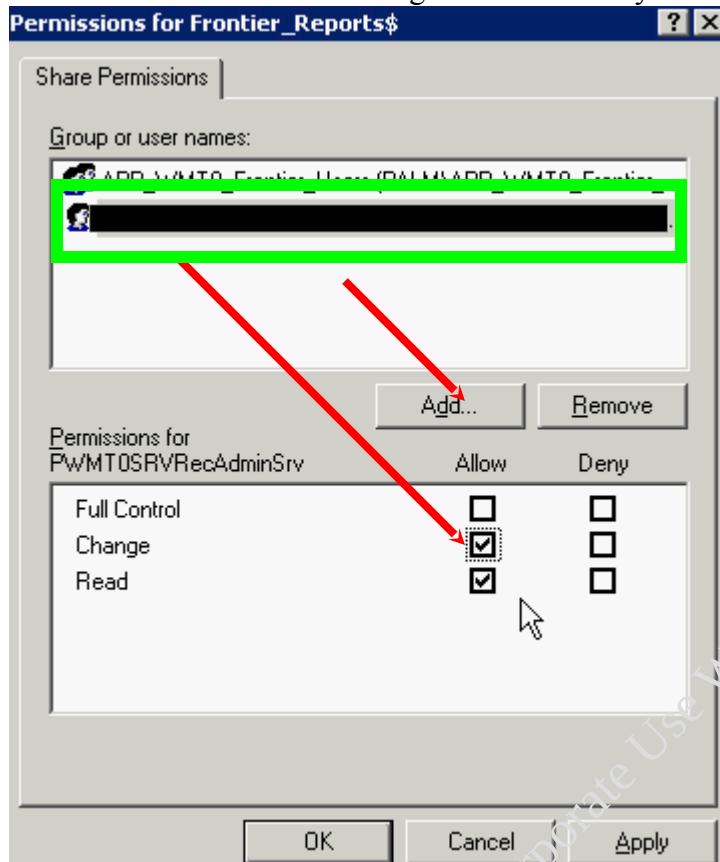


-Repeat steps for adding user/groups

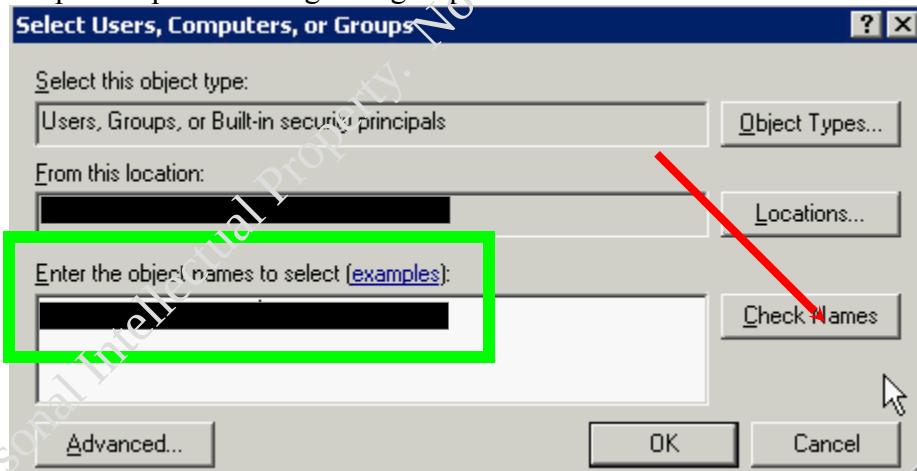


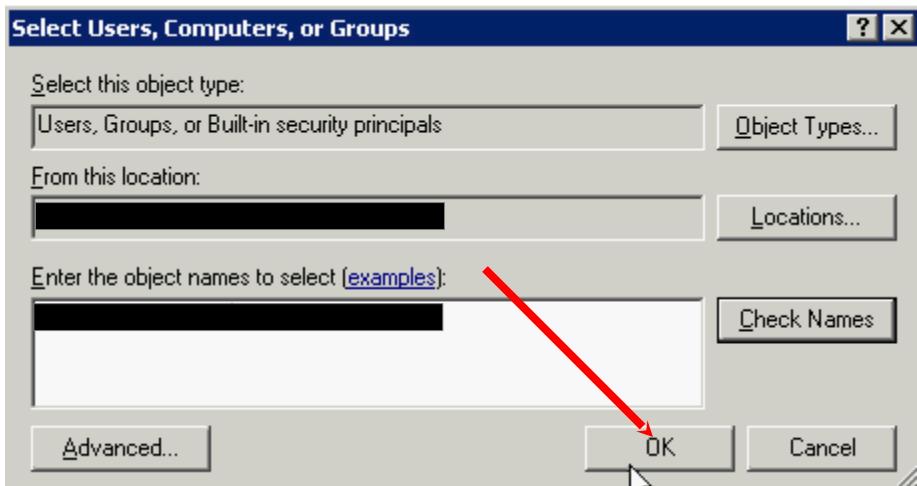


-Click on ‘allow’ next to ‘change’ for the recently added user (pwmt0srvrecadminsrv)

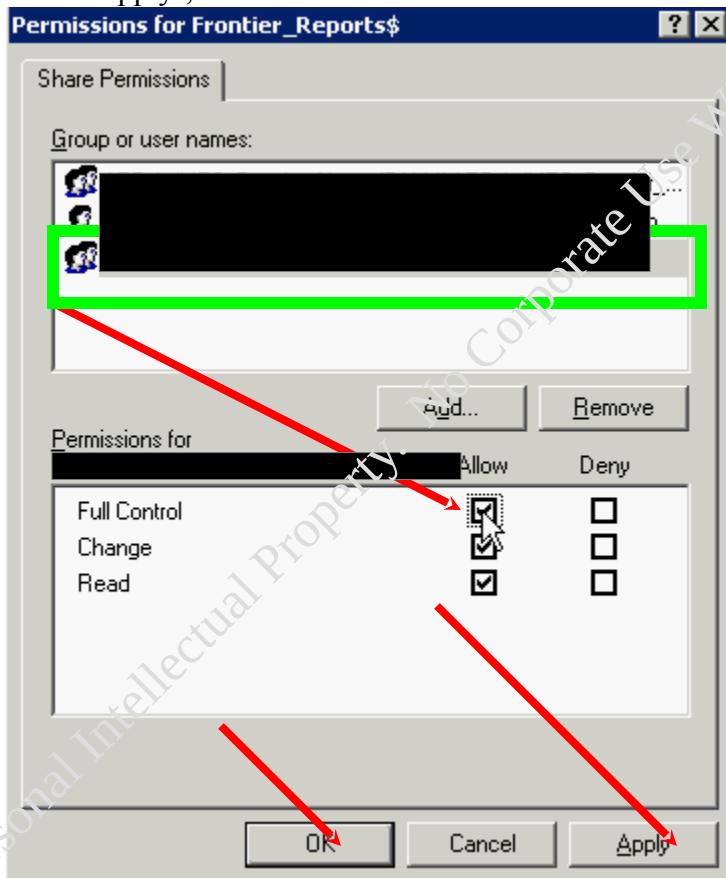


-Repeat steps for adding user/groups

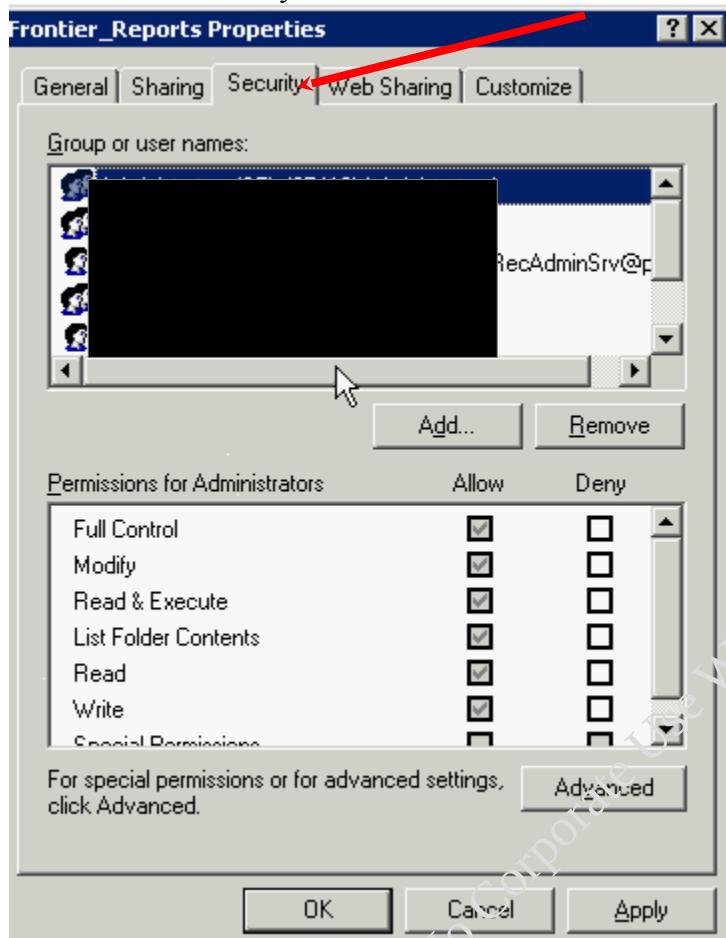




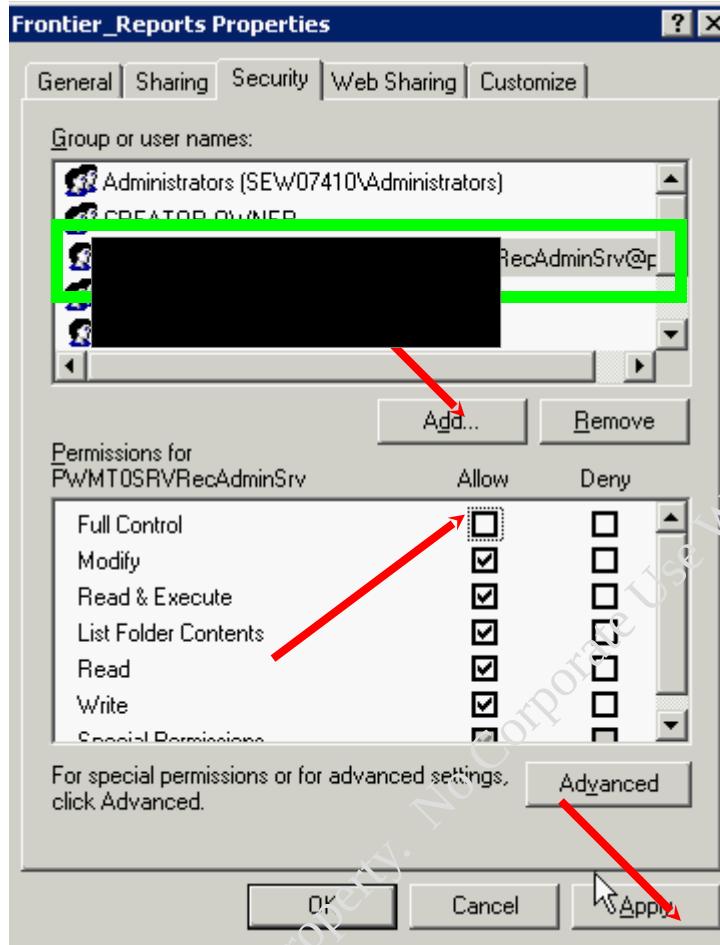
- Click on 'allow' next to 'full control' for the recently added user (rbcc_css_admins)
- Click 'apply', click 'ok'



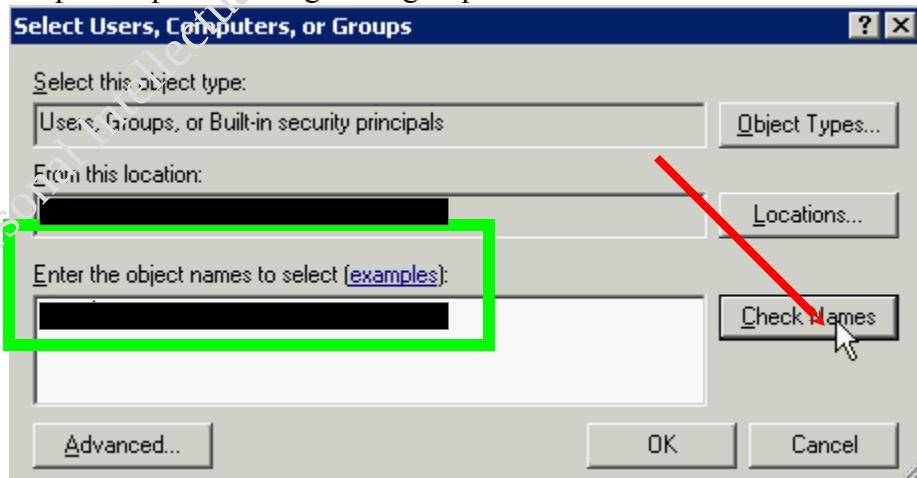
-Click on the ‘security’ tab

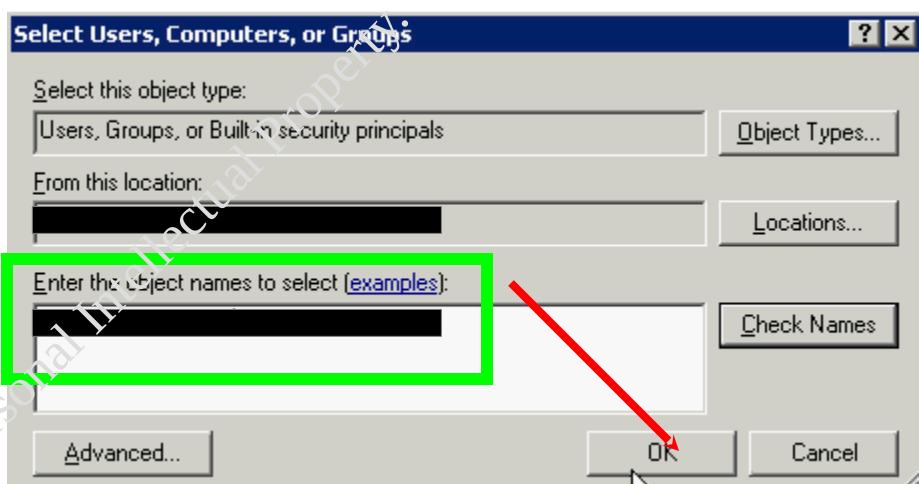
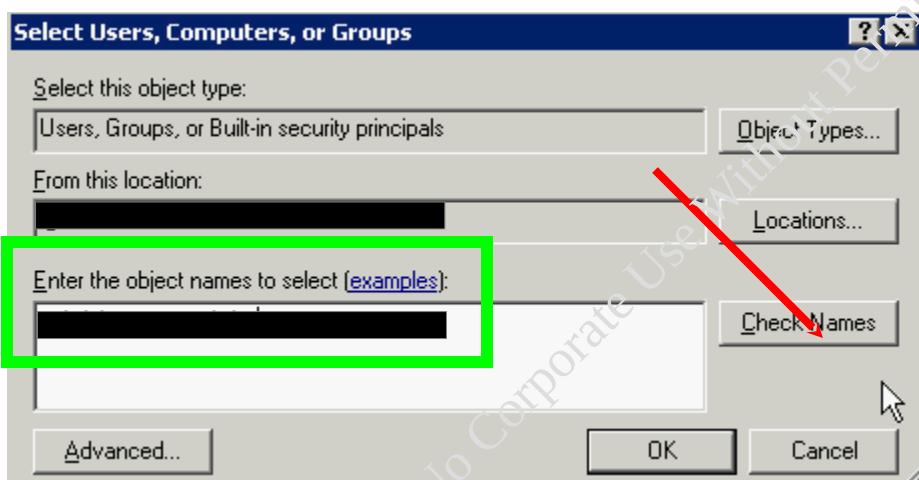
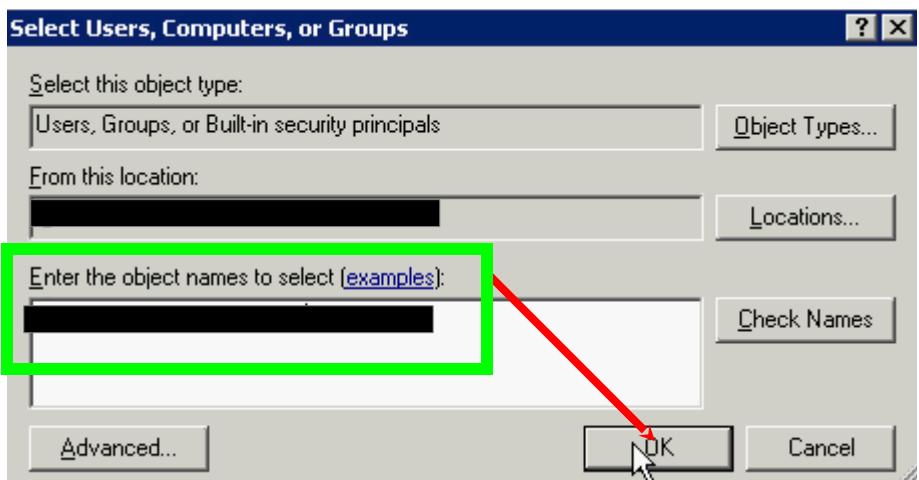


- Select the ‘[REDACTED]’ group
- check the ‘allow’ next to ‘full control’ to check the rest of the list
- UNcheck the ‘full control’ so that the list is checked except for full control
- Click ‘apply’
- Repeat steps to add user/groups



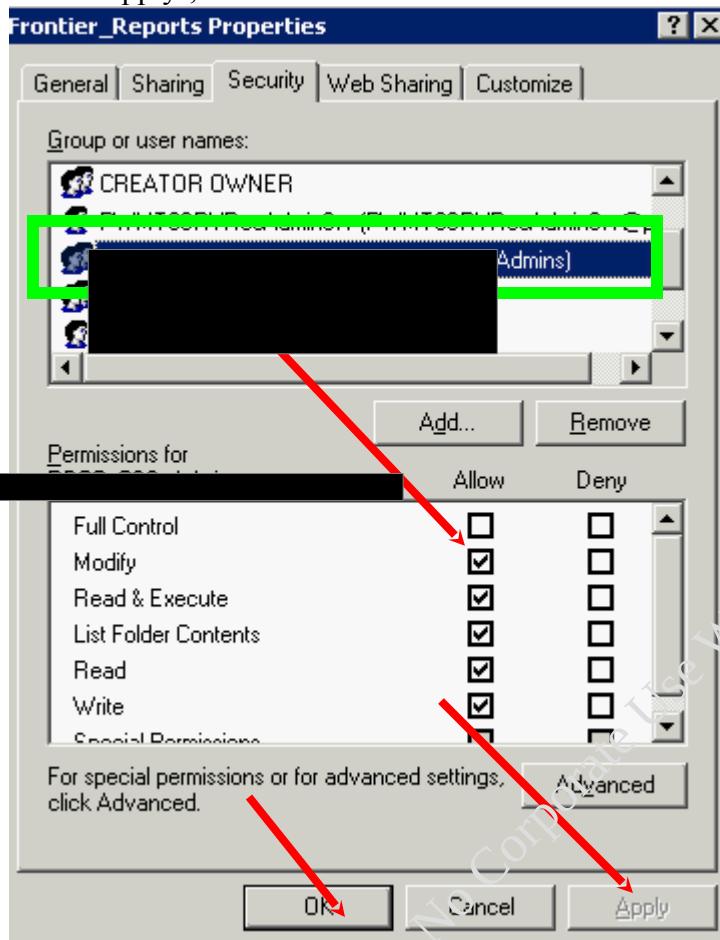
- Repeat steps for adding users/groups





-Click on 'allow' next to 'modify' for recently added user/group [REDACTED]

-Click 'apply', click 'ok'

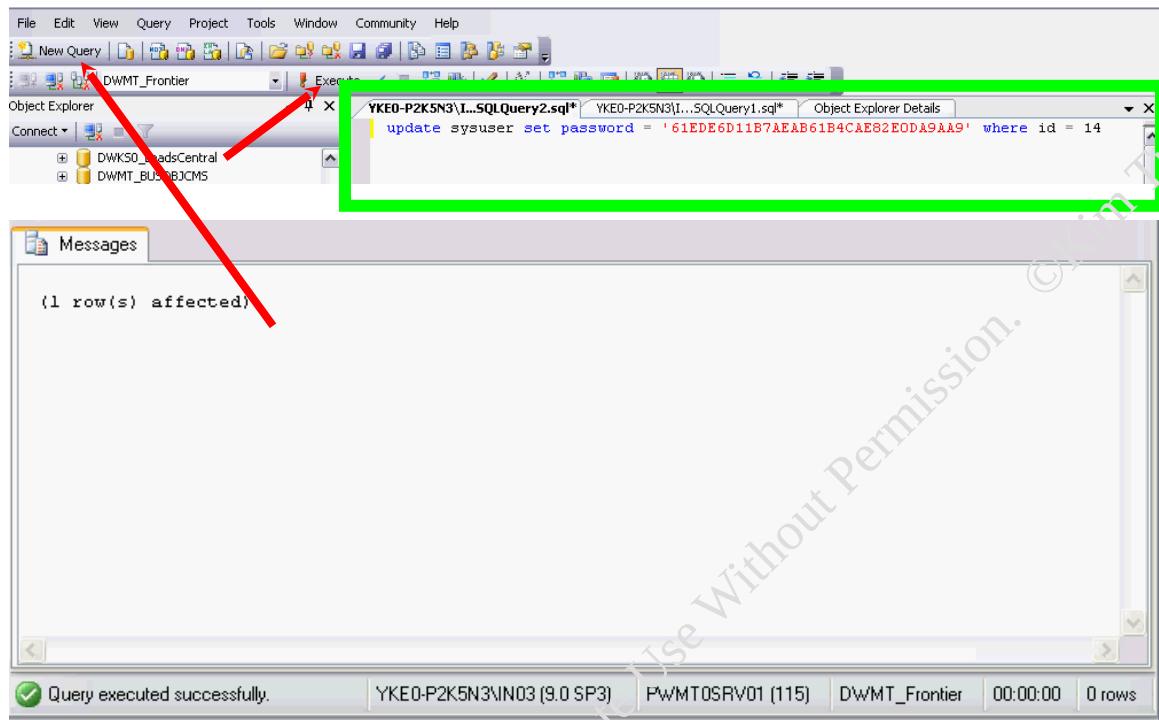


-Go back to the sql server management studio

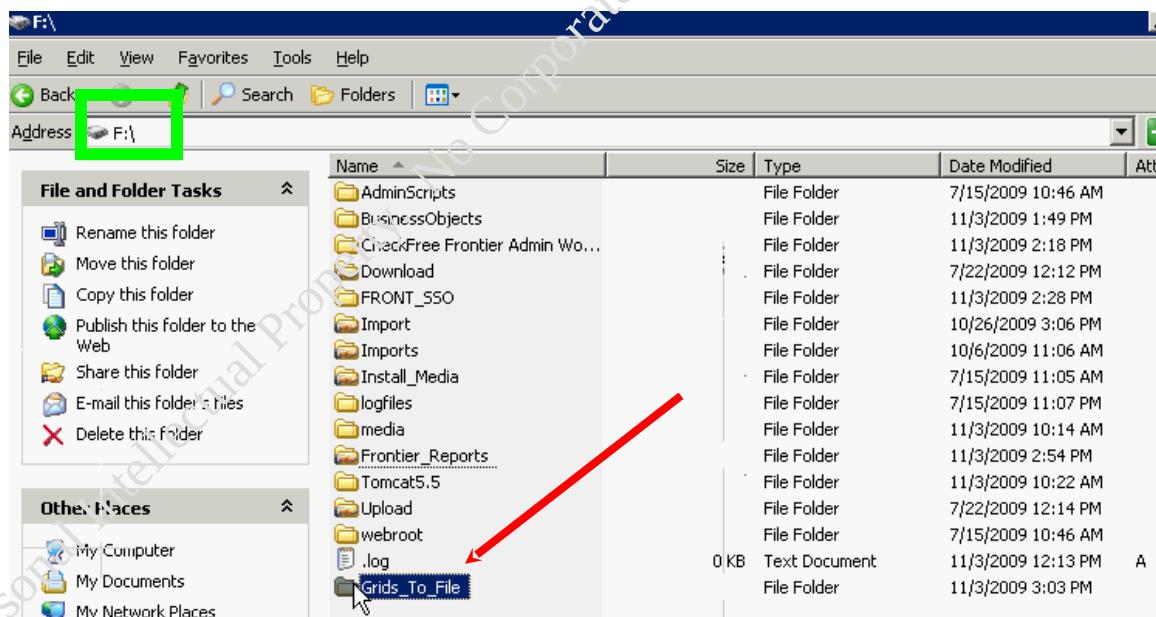
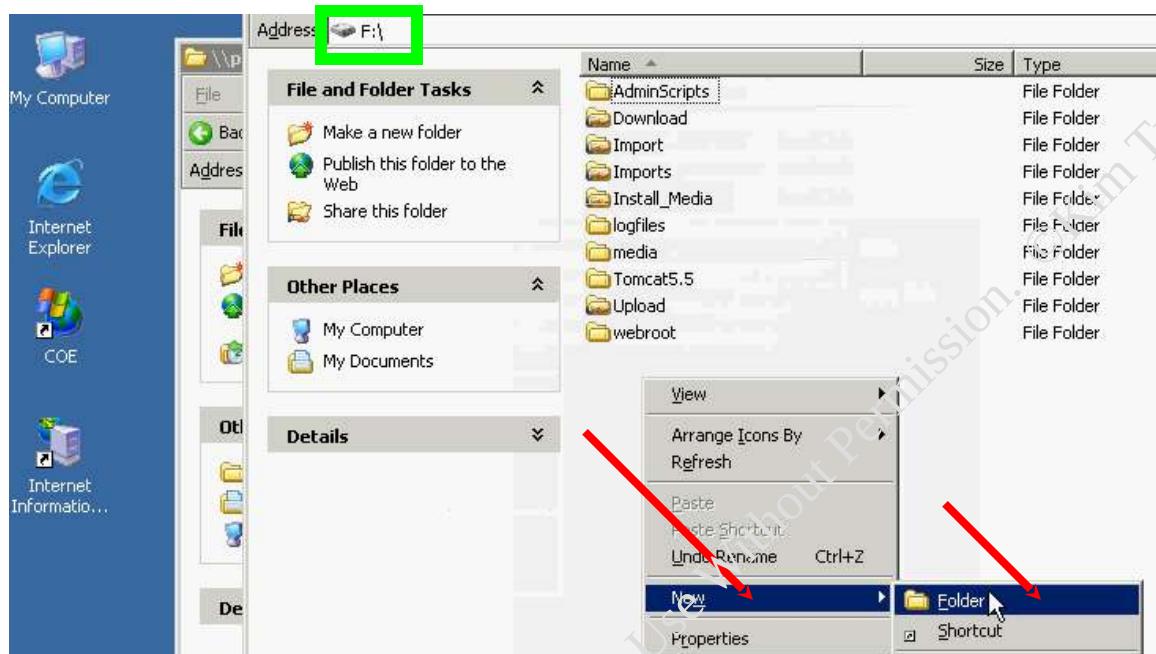
The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The 'Object Explorer' pane on the left shows database structures like DWK50_LocsCentral, DWMT_BuSOBJCMS, and DWMT_Frontier. The 'Results' pane on the right displays the output of a query: 'update sysuser set name='PWMTOSRV02', Domain='palm' where id=14'. The results table shows one row affected:

	Id	Name	Password	FullName	Phone	Fax	Email	Address	City
13	21	ADenton	E0CA937EEF067DFA19A883C129172AC1	Angie Denton					

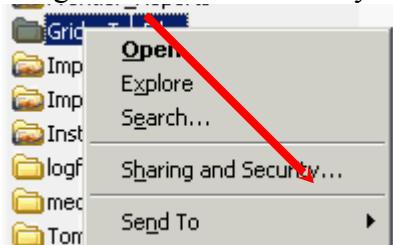
- Click on 'new query'
- Edit/update the appropriate fields
- Click 'execute' button



- Navigate to the appropriate directory, in this example: F:
- Create a new folder
- rename it to 'grids_to_file'



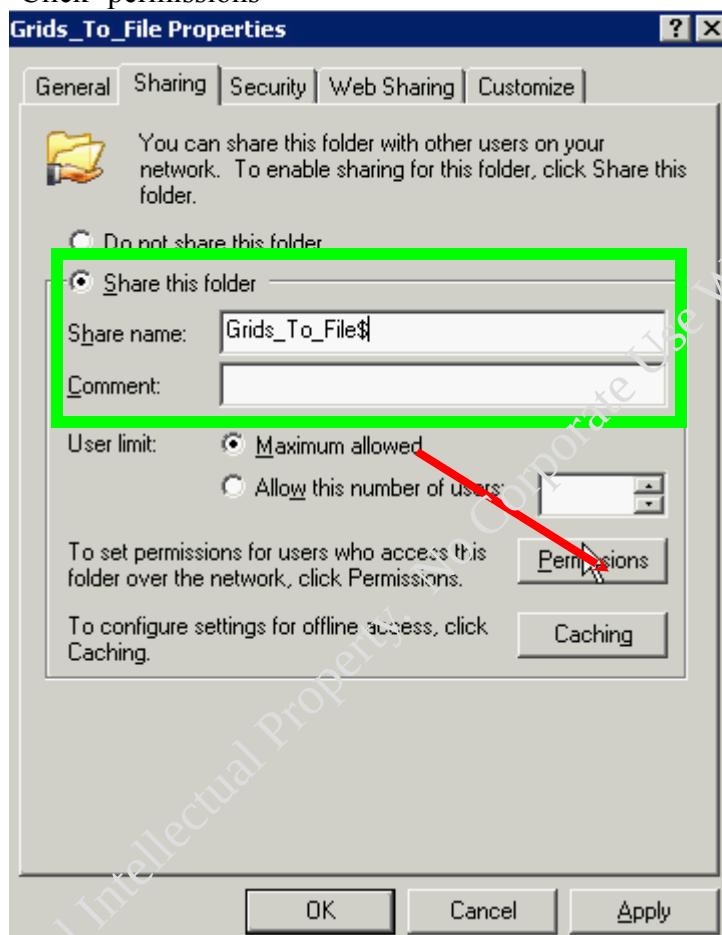
-‘Right click’ on the recently created folder, go to ‘sharing and security’



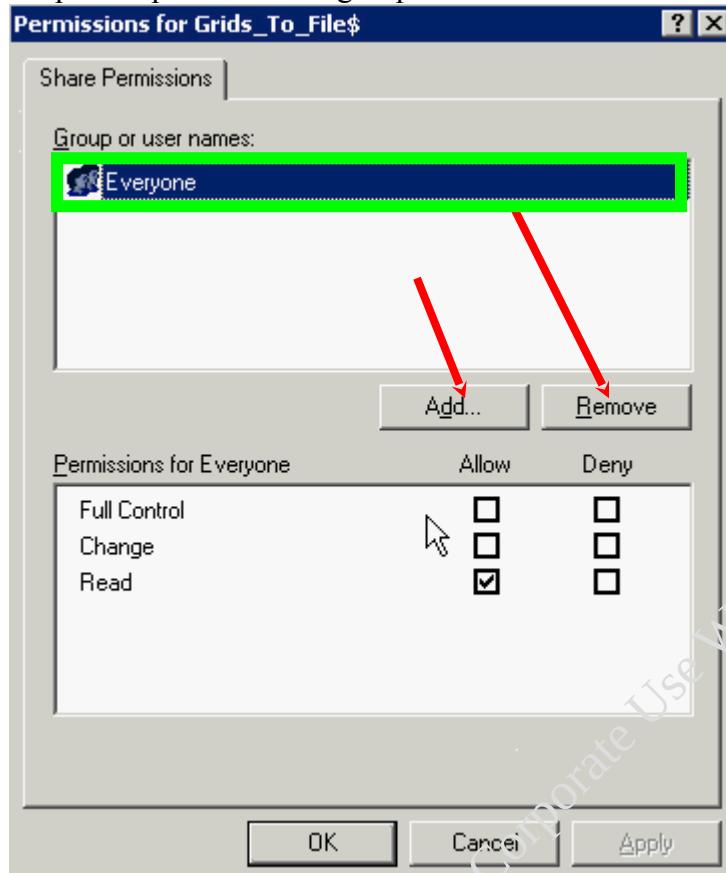
-Under the ‘sharing’ tab, click on ‘share this folder’

-Edit/update the appropriate fields

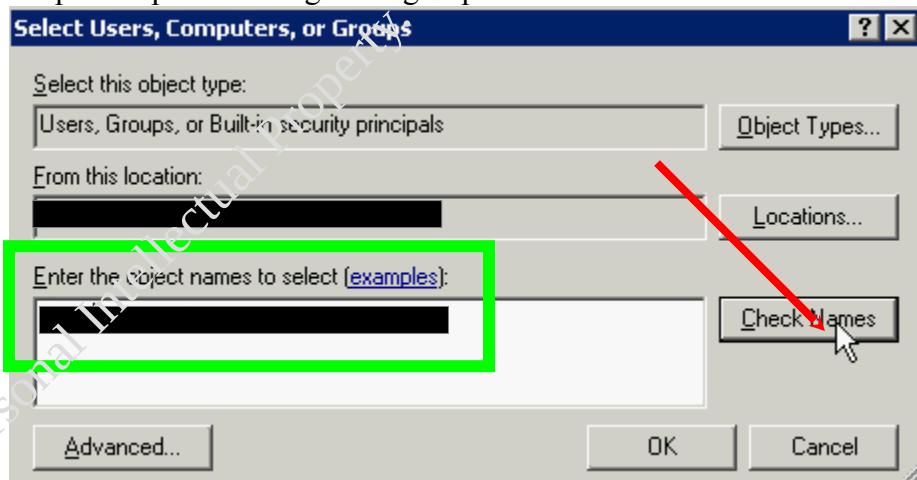
-Click ‘permissions’

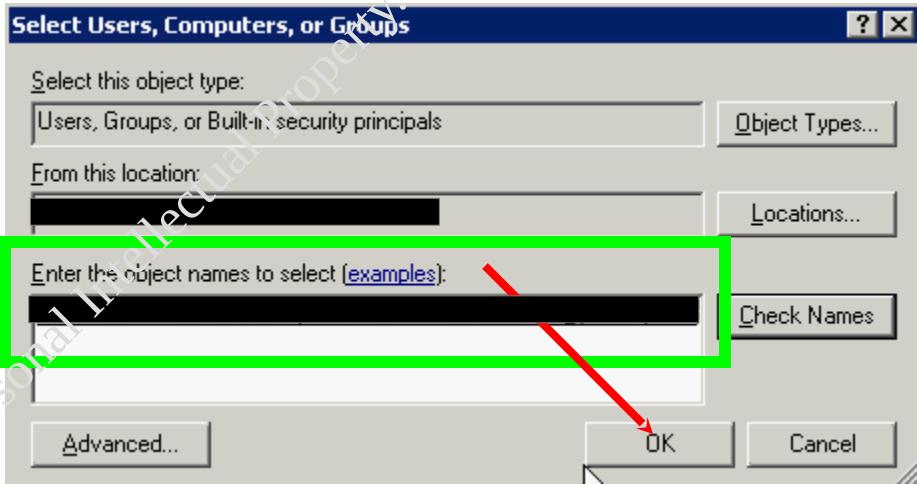
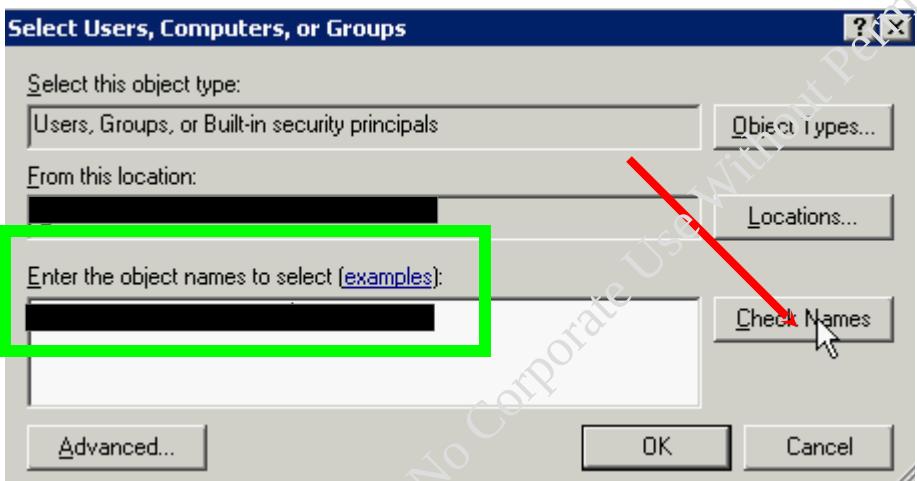
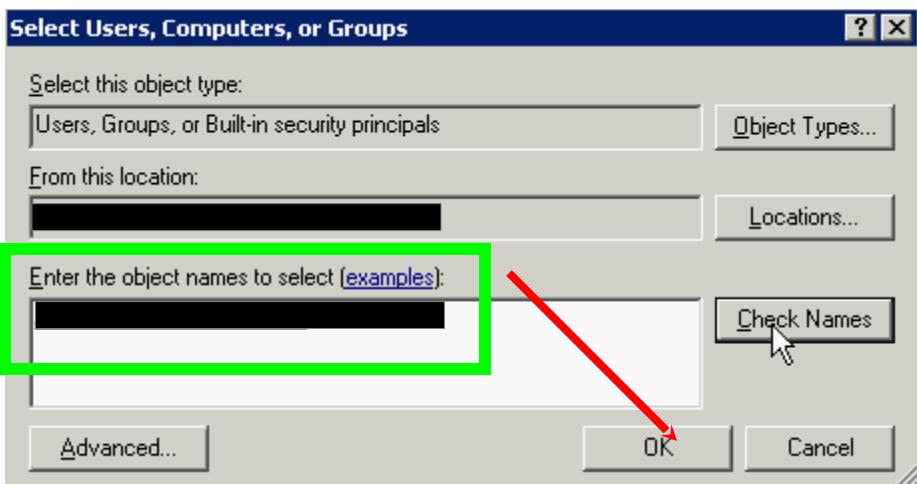


- Click ‘everyone’, click ‘remove’
- Repeat steps to add user/groups

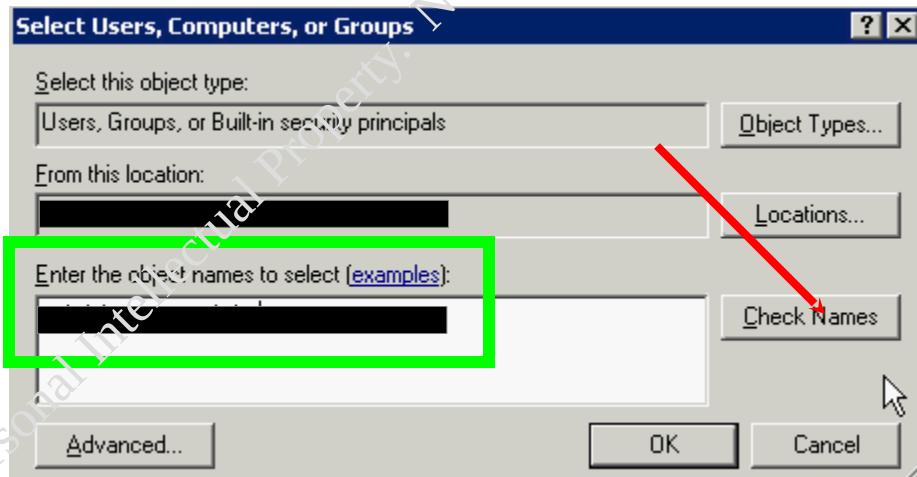
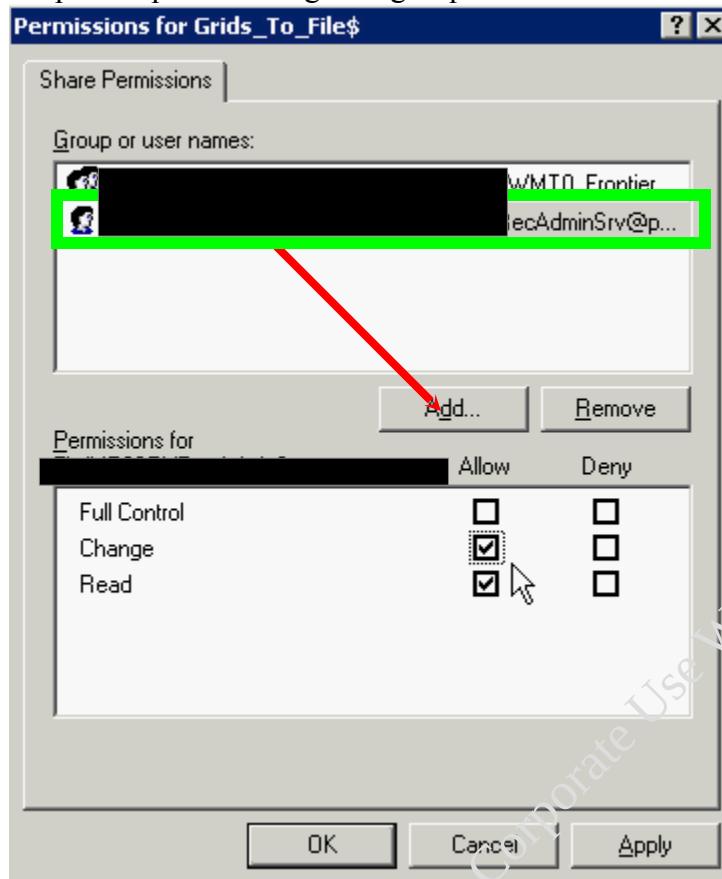


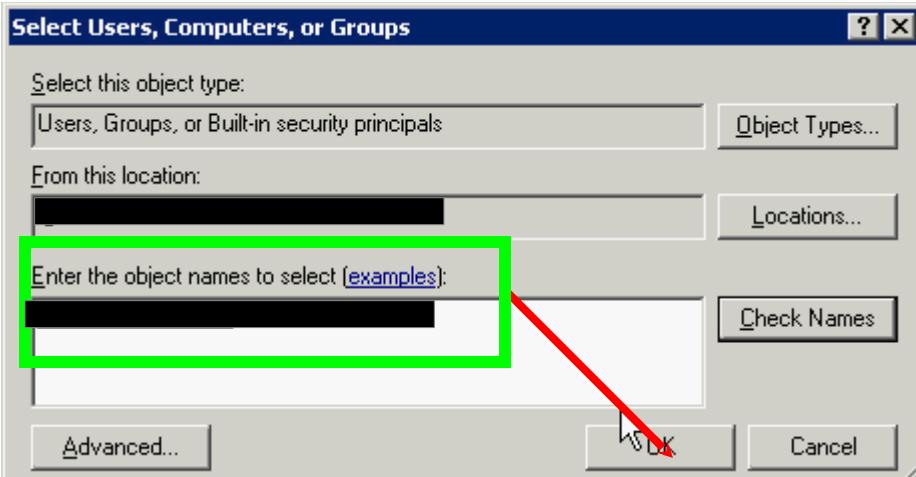
- Repeat steps for adding users/groups



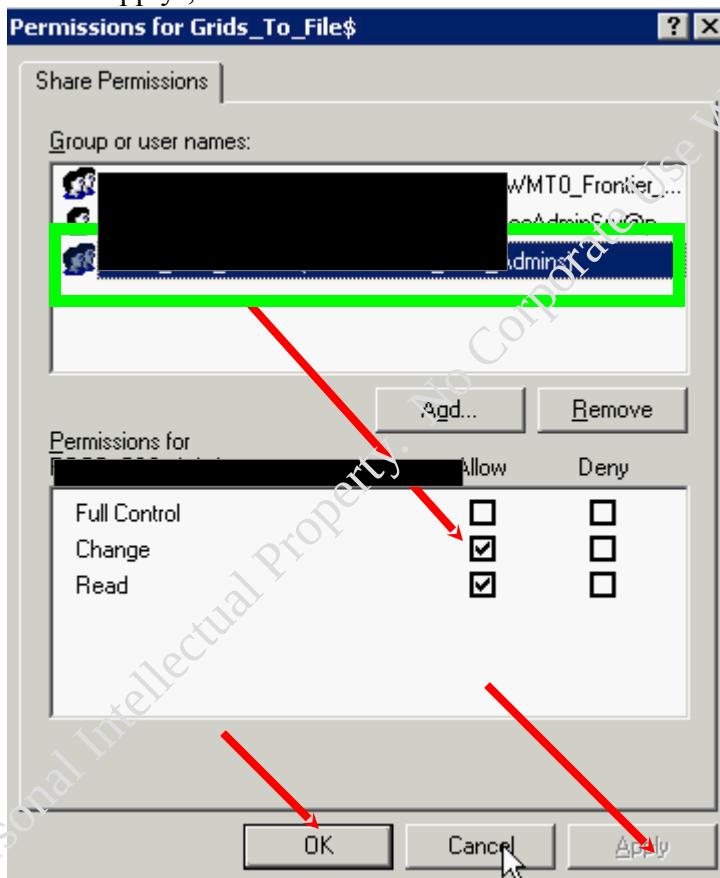


- Click on 'allow' next to 'change' for recently added user/XXXXXXXXXX
- Repeat steps for adding user/groups

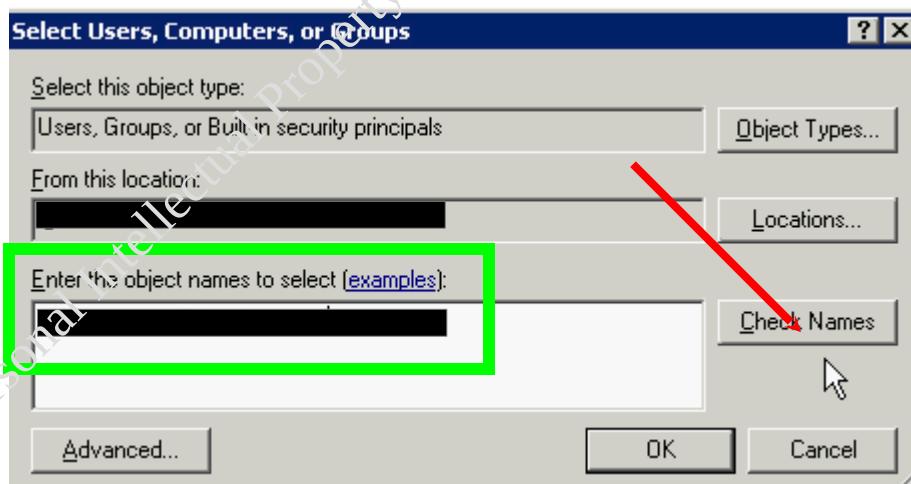
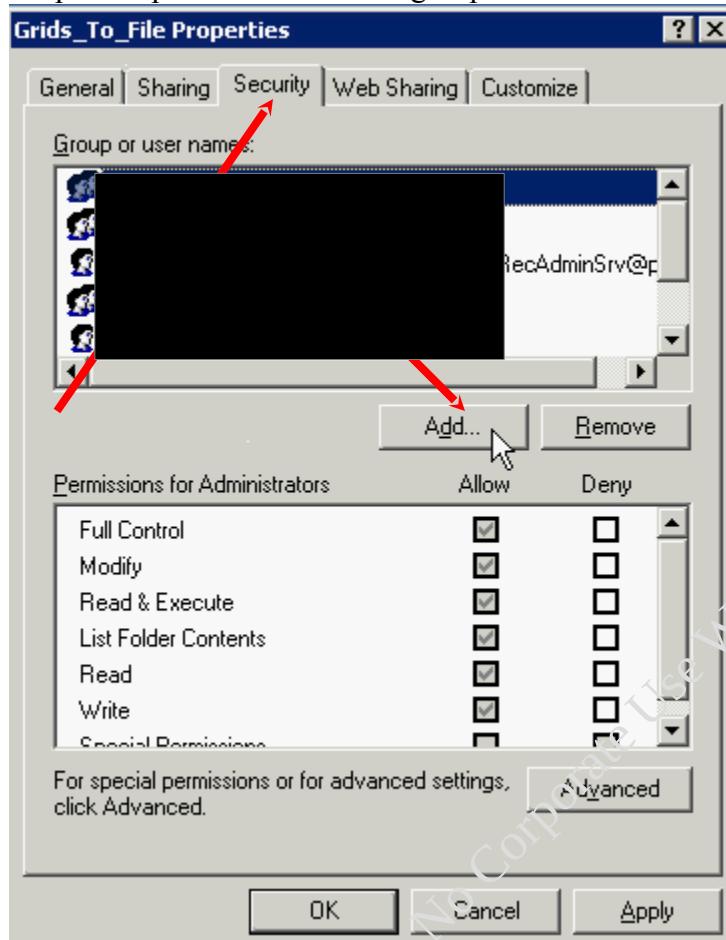


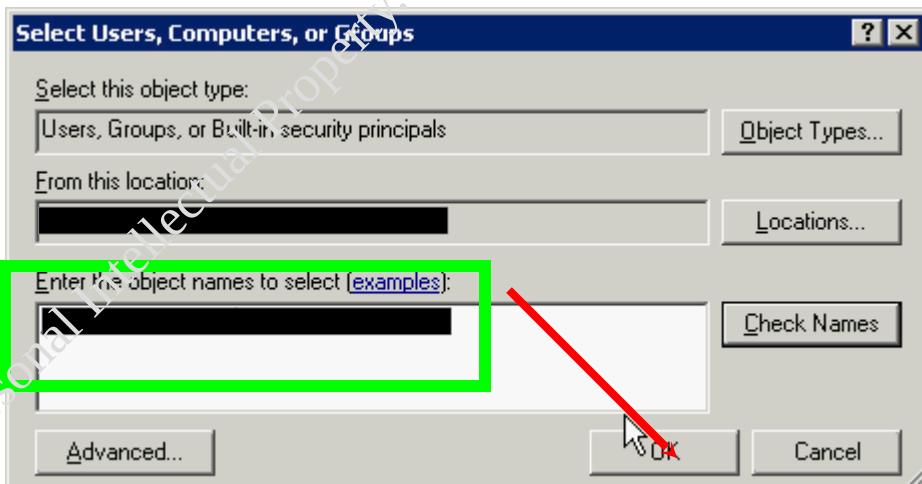
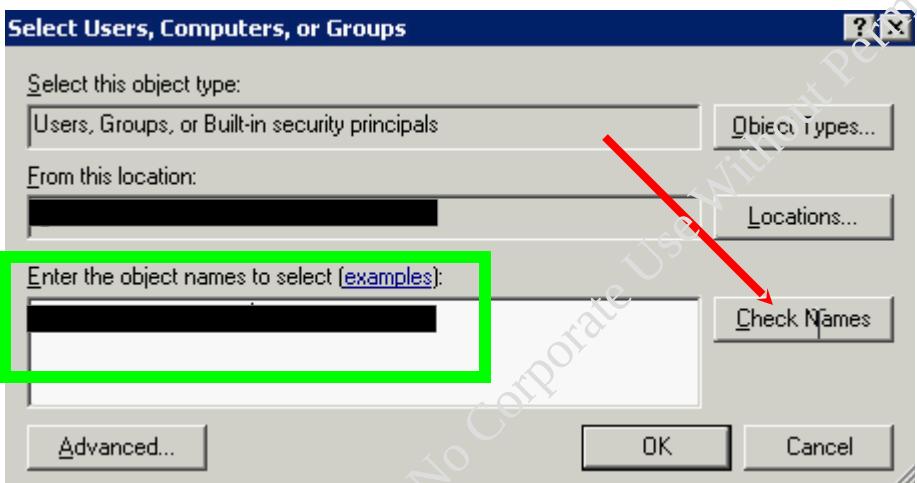
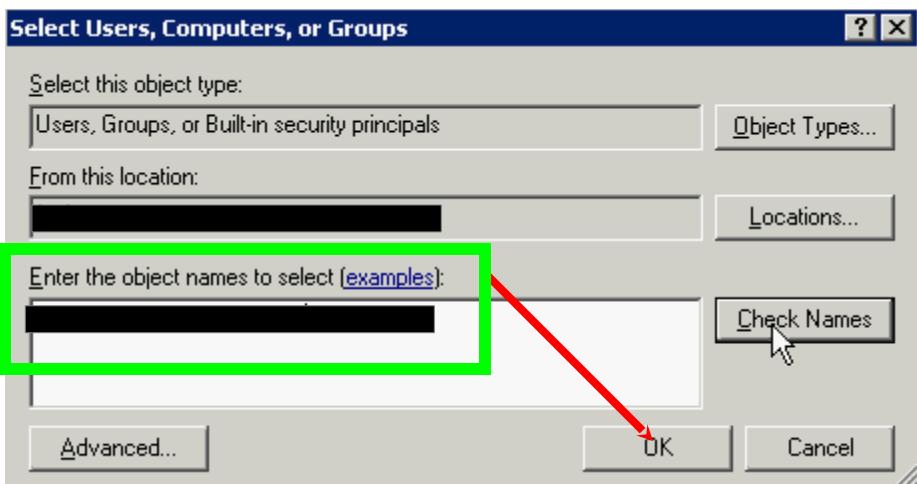


- Click on 'allow' next to 'change' for recently added user/group (rbcc_css_admins)
- Click 'apply', click 'ok'

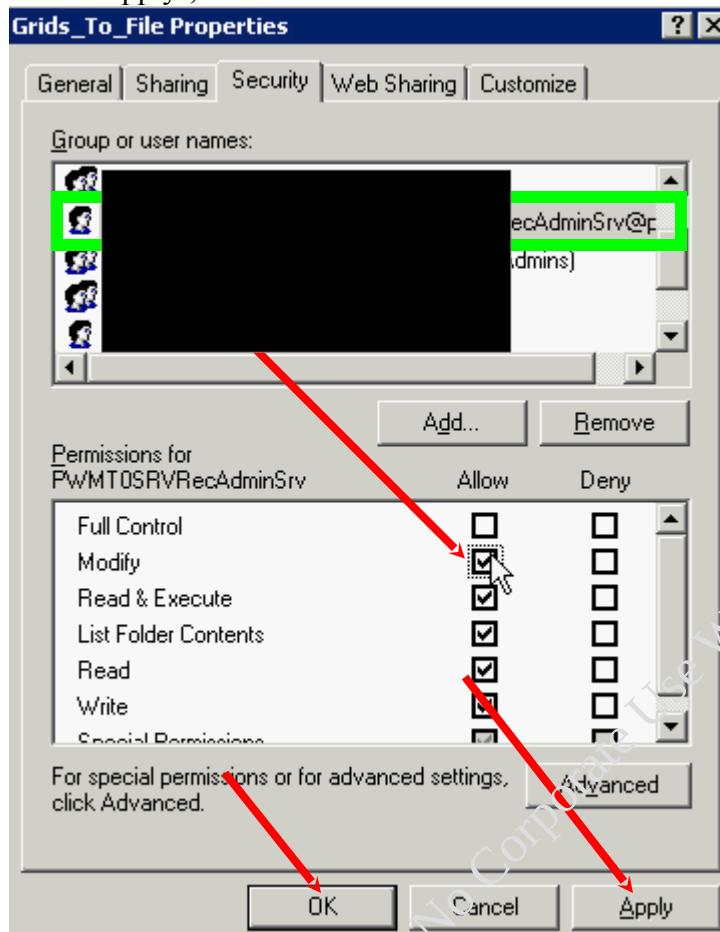


- Click on the ‘security’ tab
- Repeat steps to add new users/groups

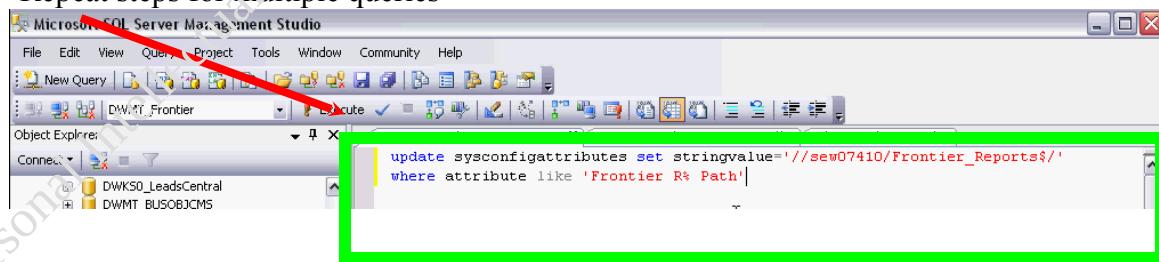


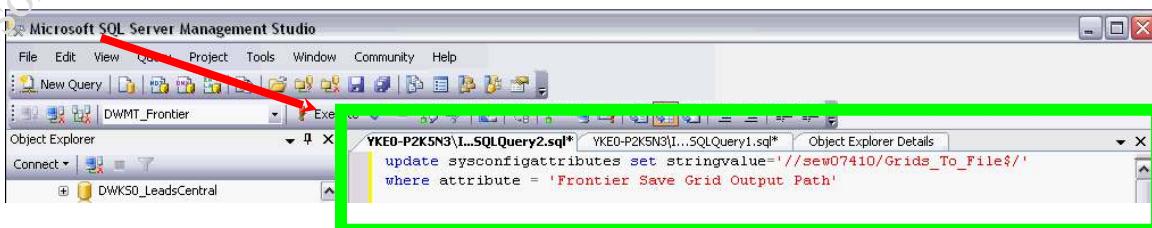
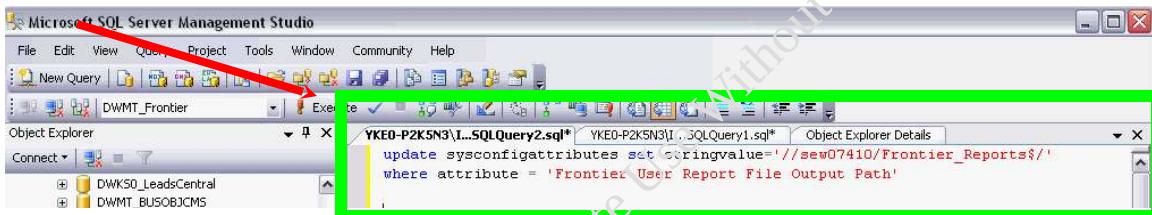
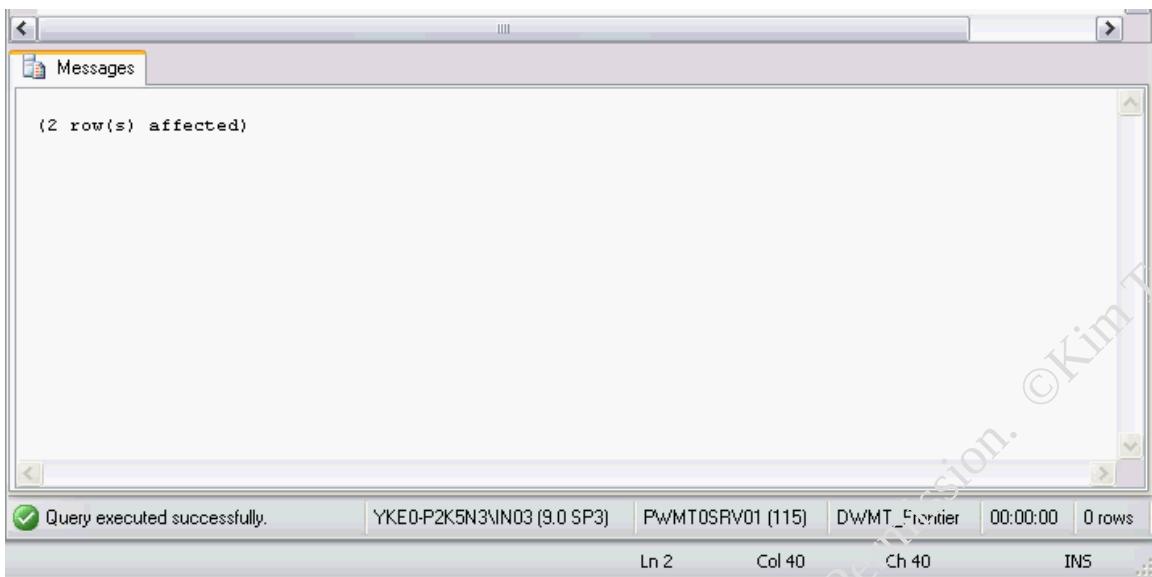


- Click on 'allow' next to 'modify' for recently added user/group (pwmt0srvrecadminsrv)
- Click 'apply', click 'ok'



- Go back to the sql server management studio
- Edit/update the appropriate fields
- Click on 'execute'
- Repeat steps for multiple queries





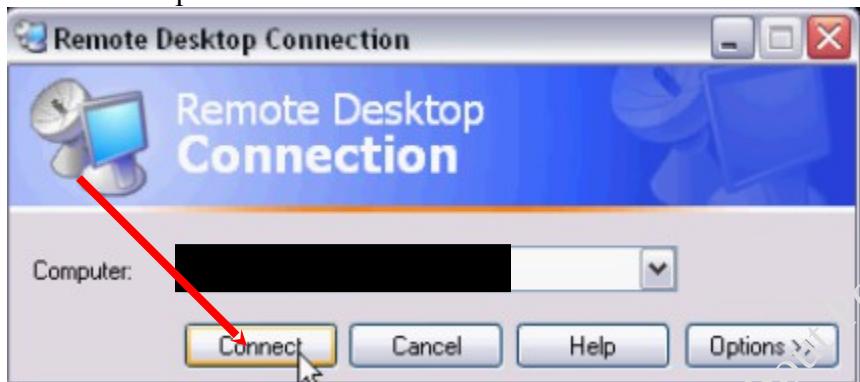


-When done, close all applications/windows, then log off

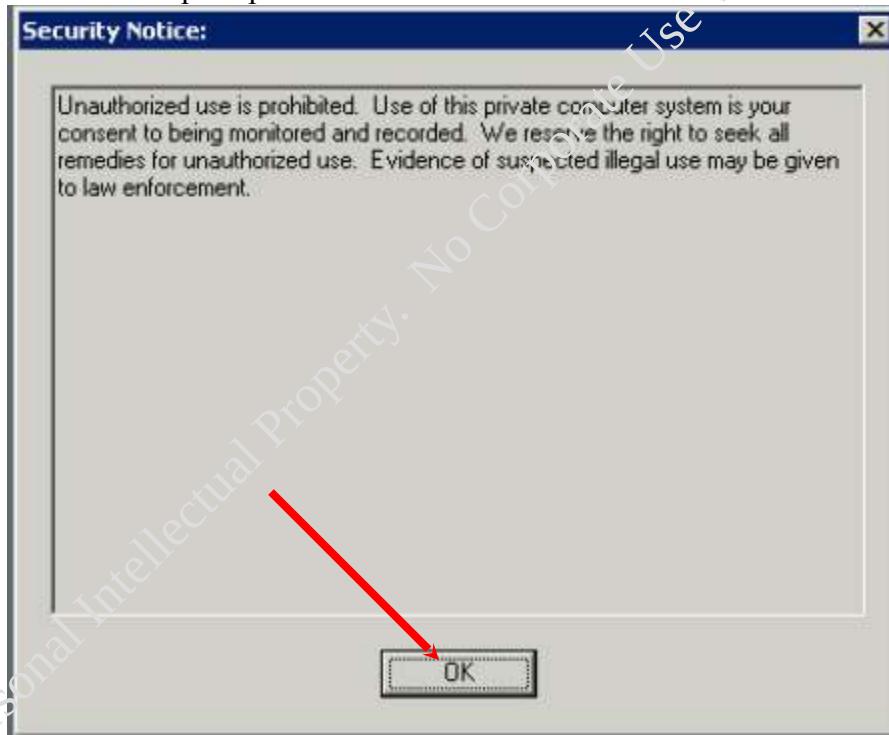
FRS-Frontier – 16 – dcomcnfg user and security settings

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



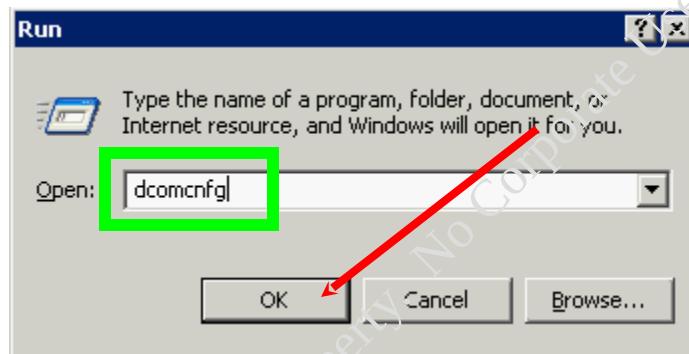
-Enter credentials to log in



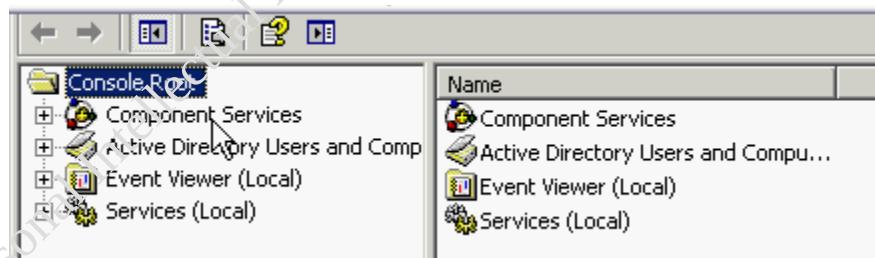
-Go to : start > run

-Type in : dcomcnfg

-Click 'ok'

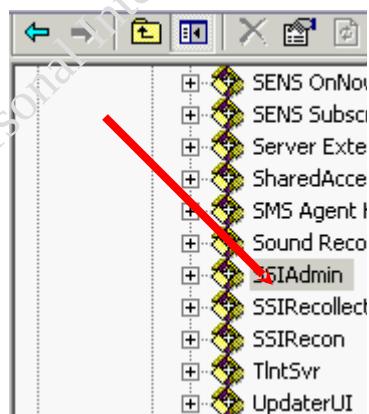
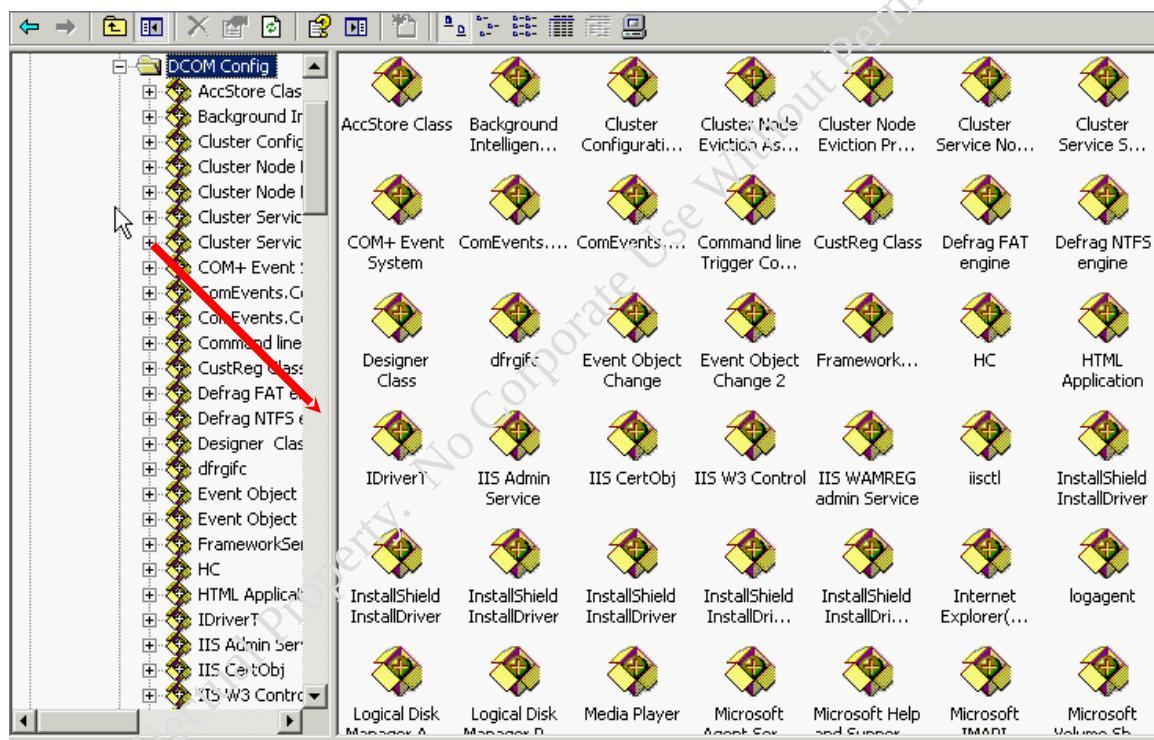
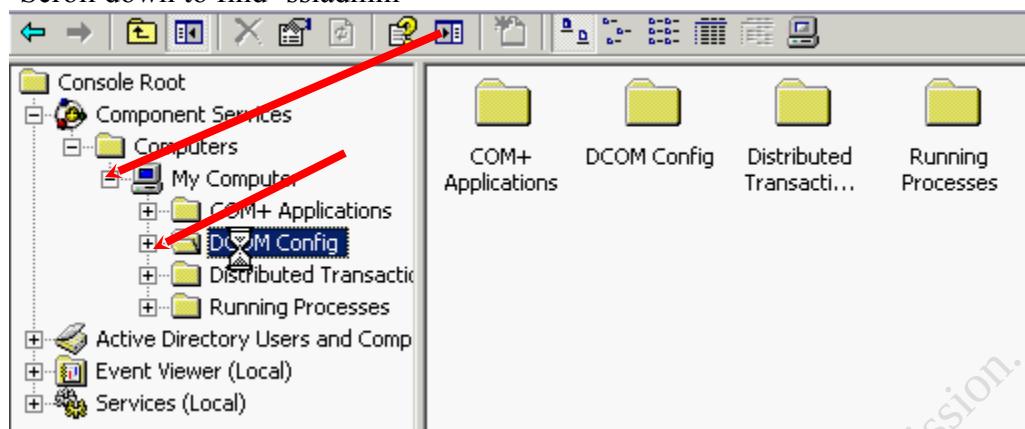


-A similar screen should be on screen

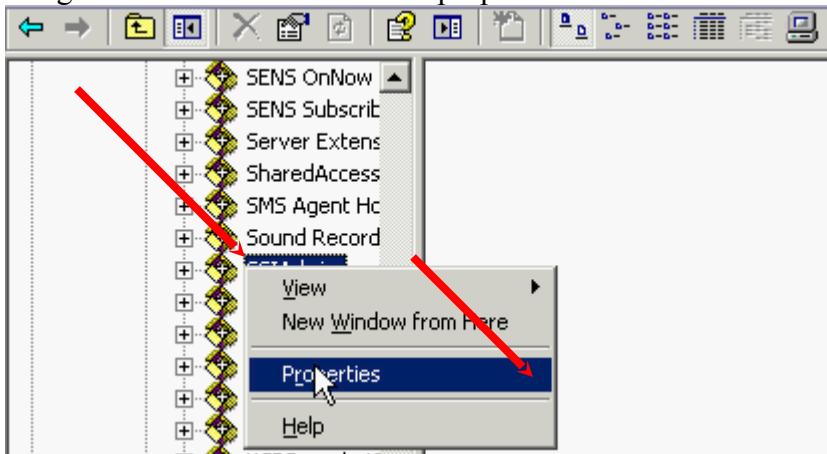


-Expand the 'my computer' and 'dcom config'

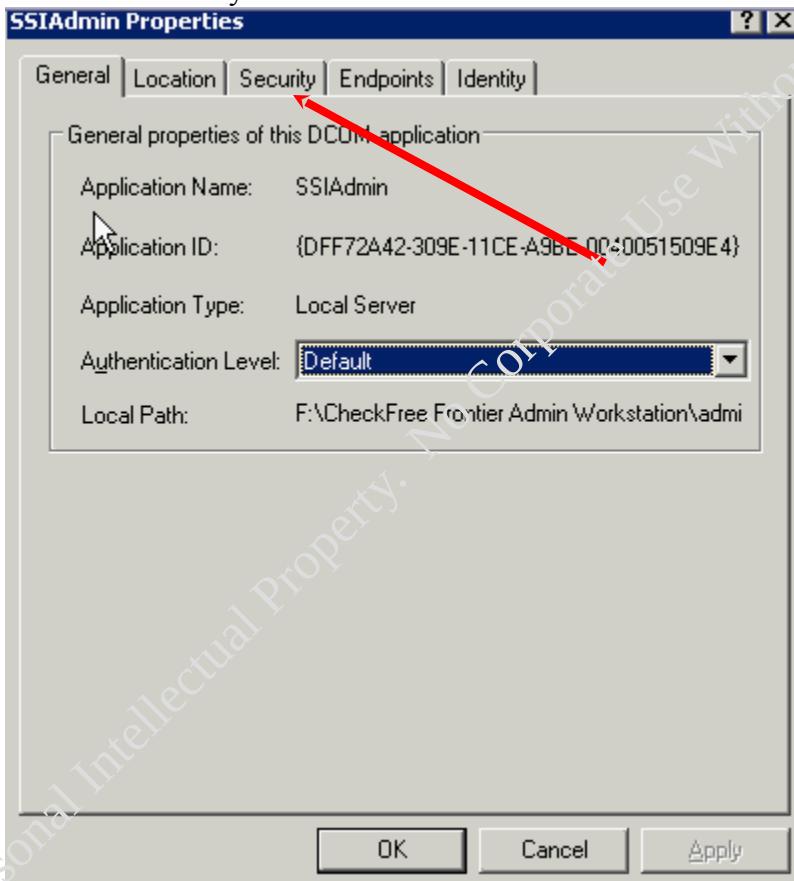
-Scroll down to find 'ssiadmin'



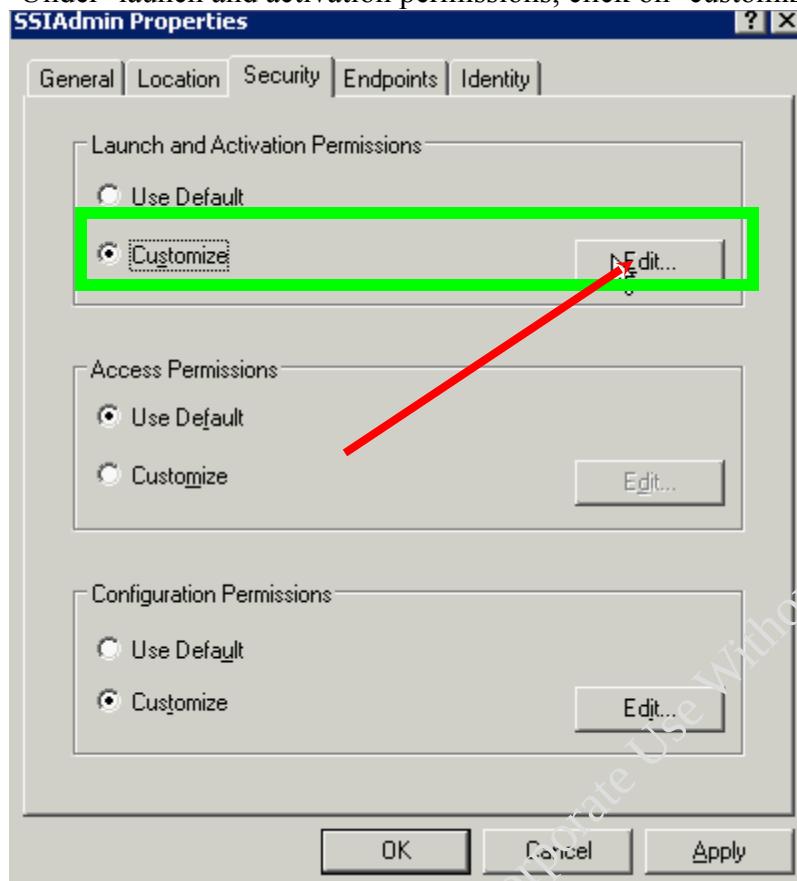
-‘Right click’ on ‘ssiadmin’ then ‘properties’



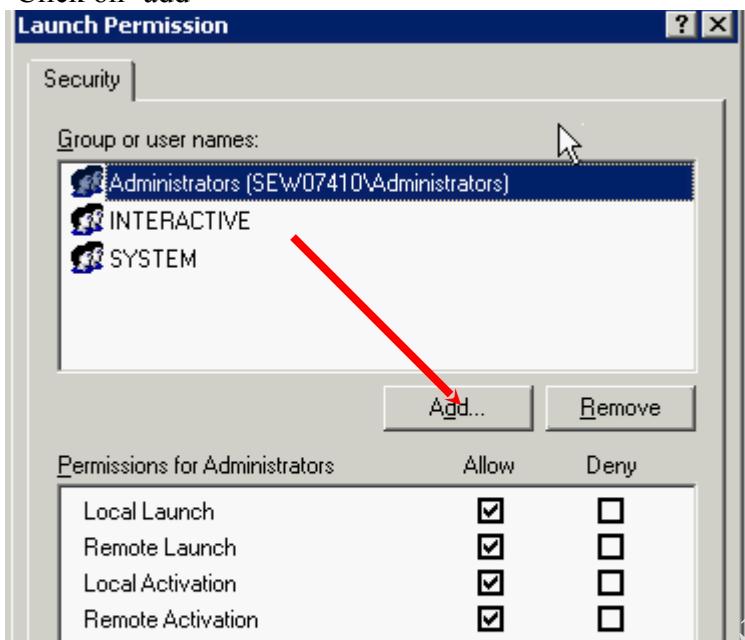
-Click on ‘security’ tab



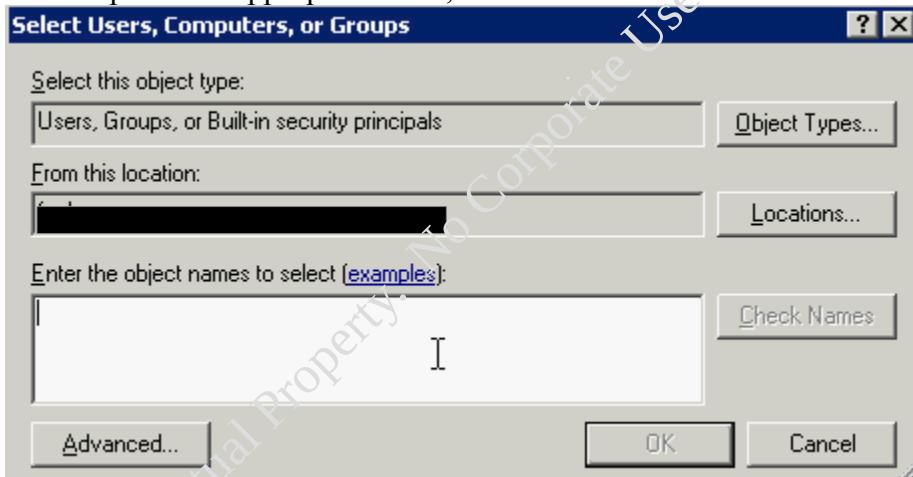
-Under 'launch and activation permissions, click on 'customize', then click 'edit'

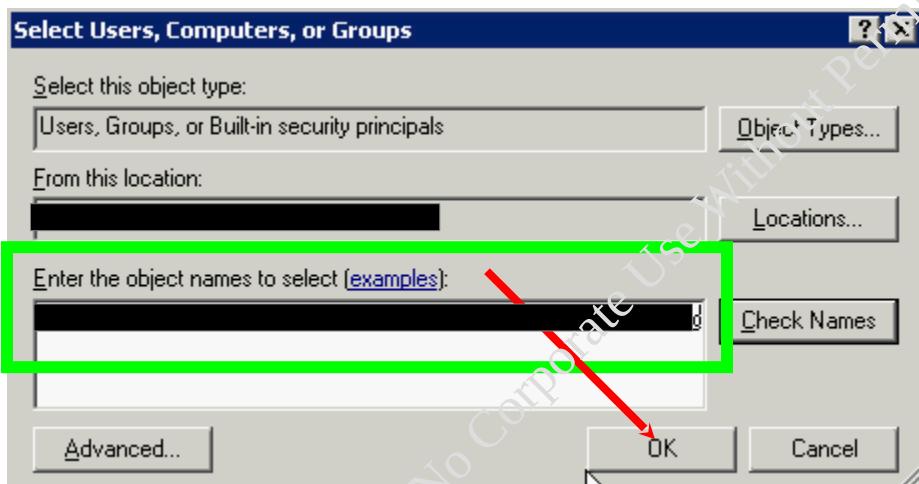
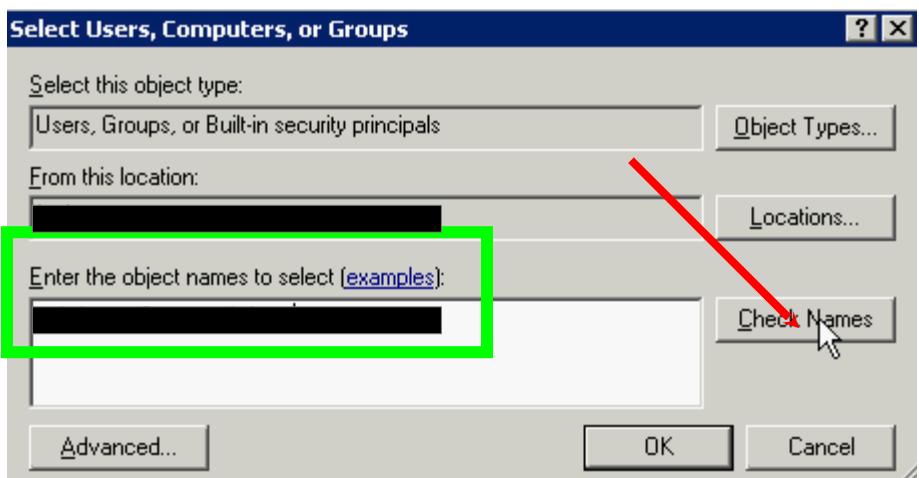


-Click on 'add'

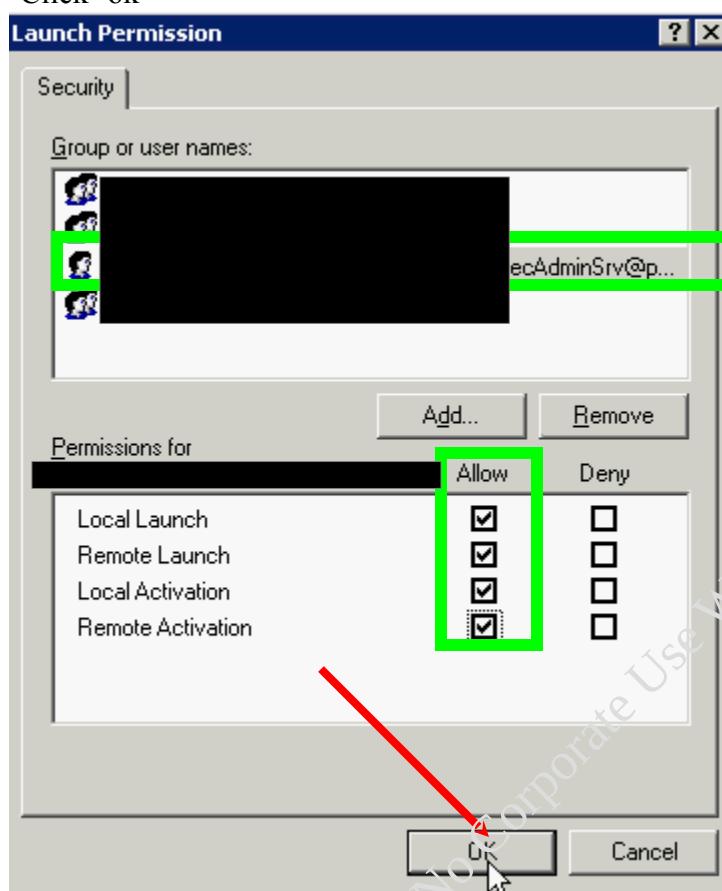


-Enter/update the appropriate field, click 'check names' then click 'ok'

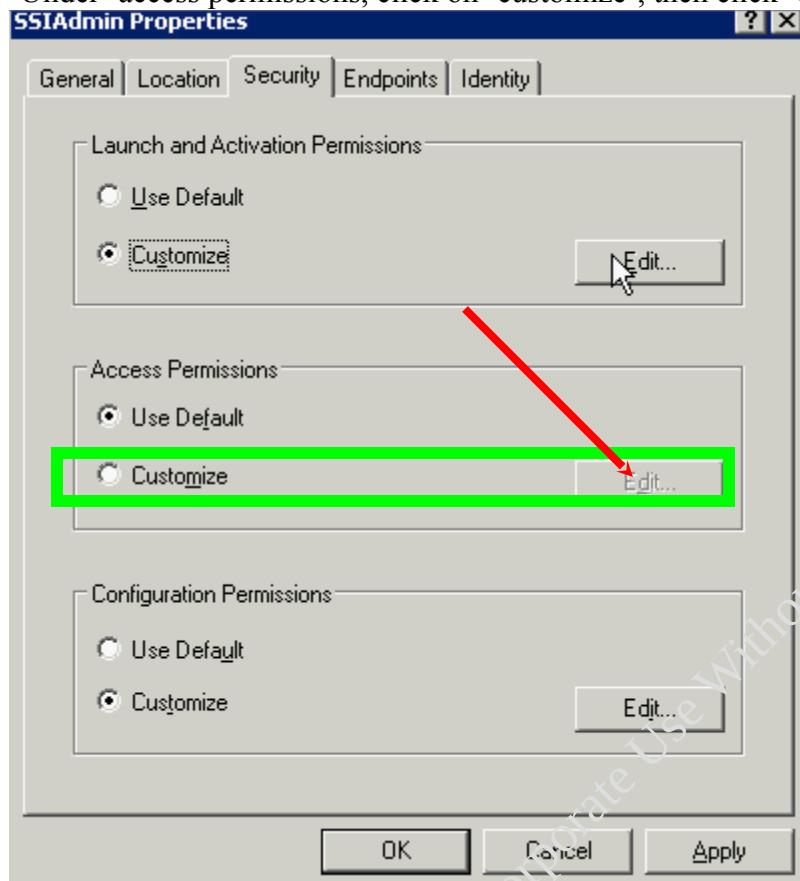




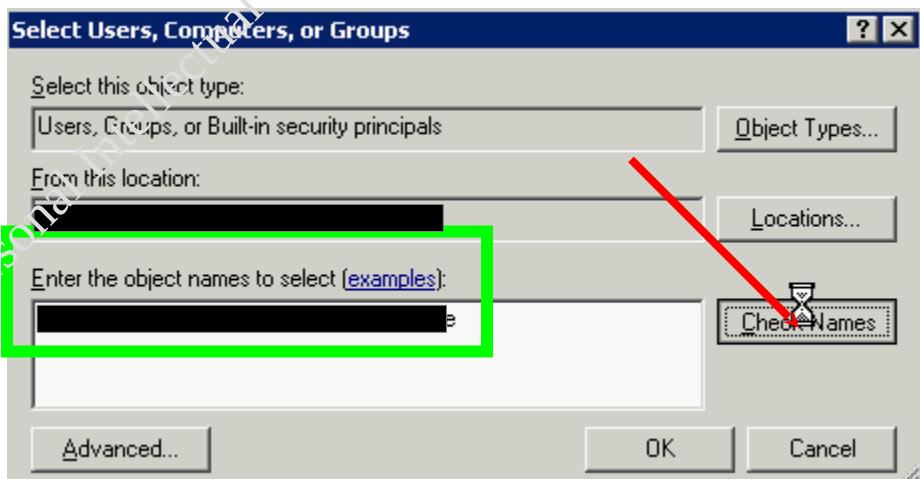
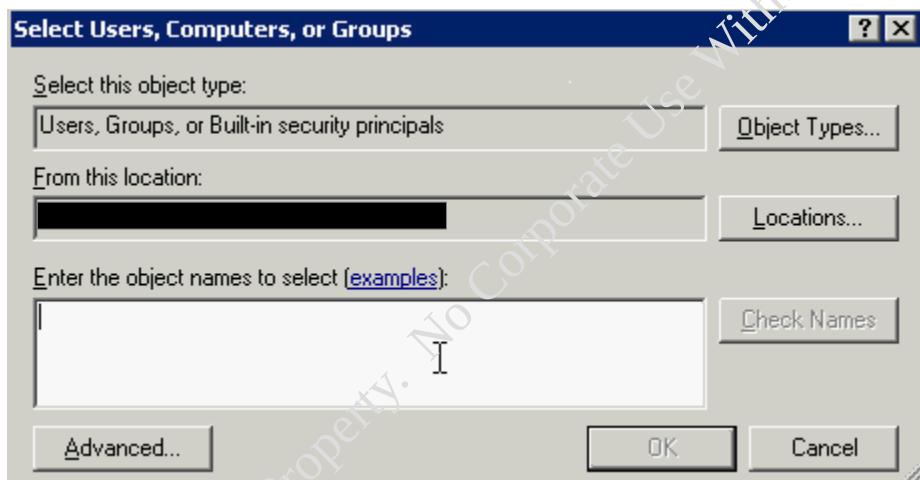
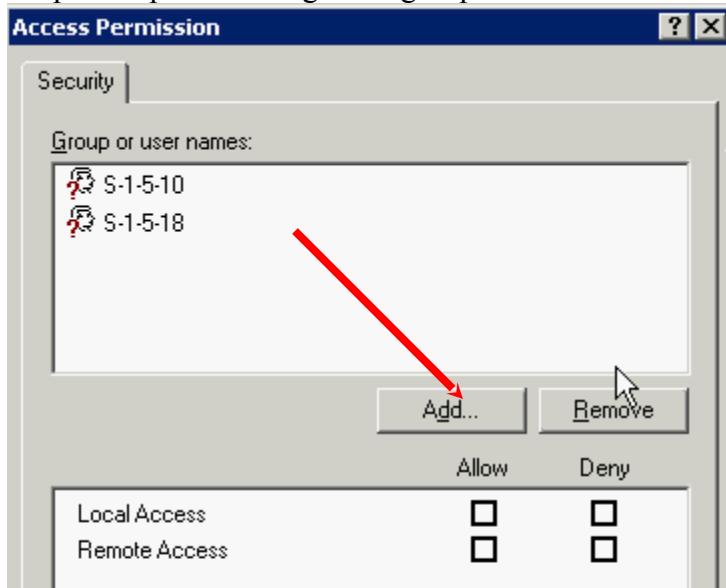
- Click ‘allow’ for all the remaining list (remote launch, local activation, remote activation) for the recently added user/group (pwmt0srvrecadmsrv)
- Click ‘ok’

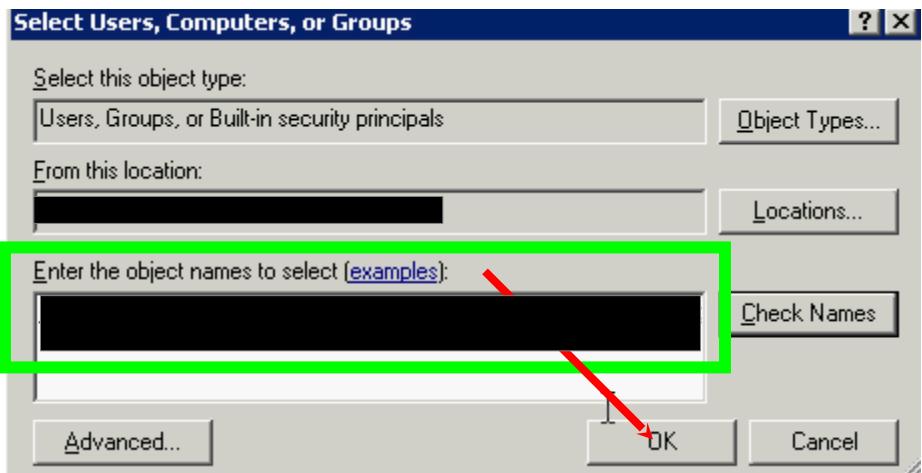


-Under 'access permissions, click on 'customize', then click 'edit'

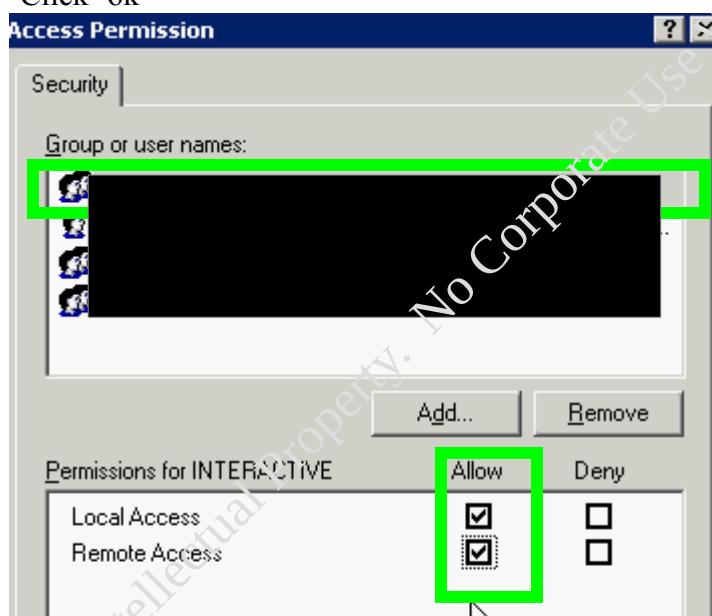


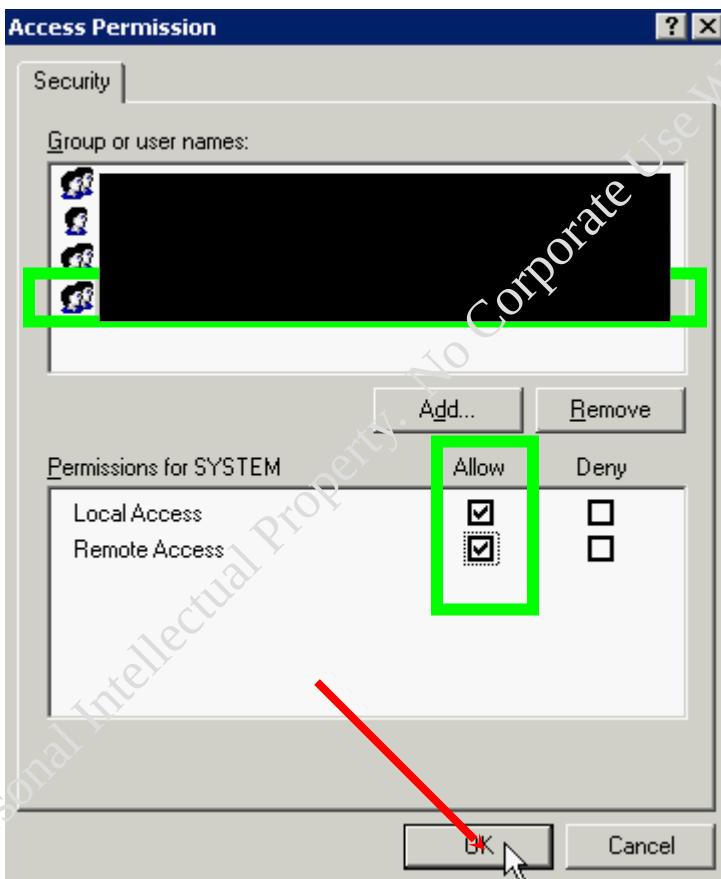
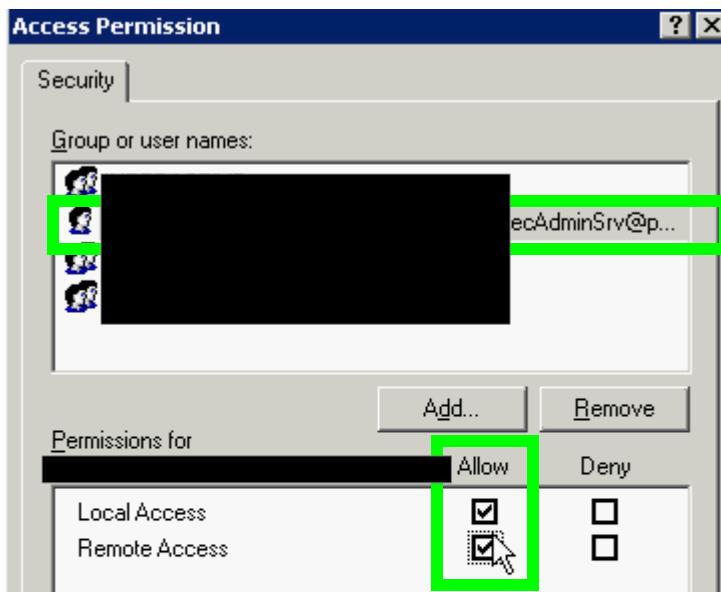
-Repeat steps for adding users/groups



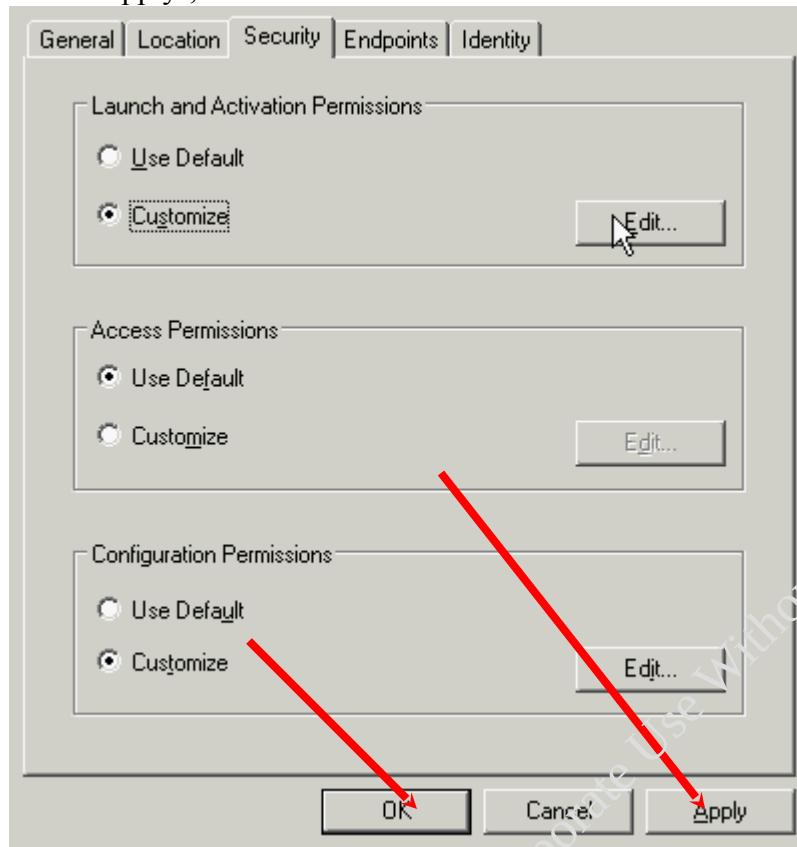


- Click on 'allow' next to 'remote access' for the recently added user/groups (pwmt0servrecadminsrv ; interactive) [interactive may be highlighted/greyed]
- Verify both entries have 'allow' for 'remote access'
- Give 'system' remote access permission as well
- Click 'ok'

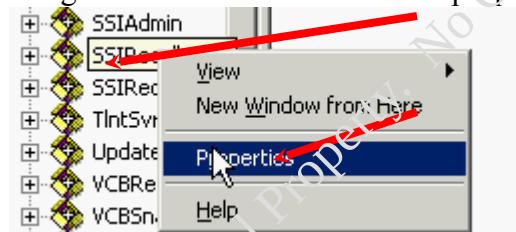




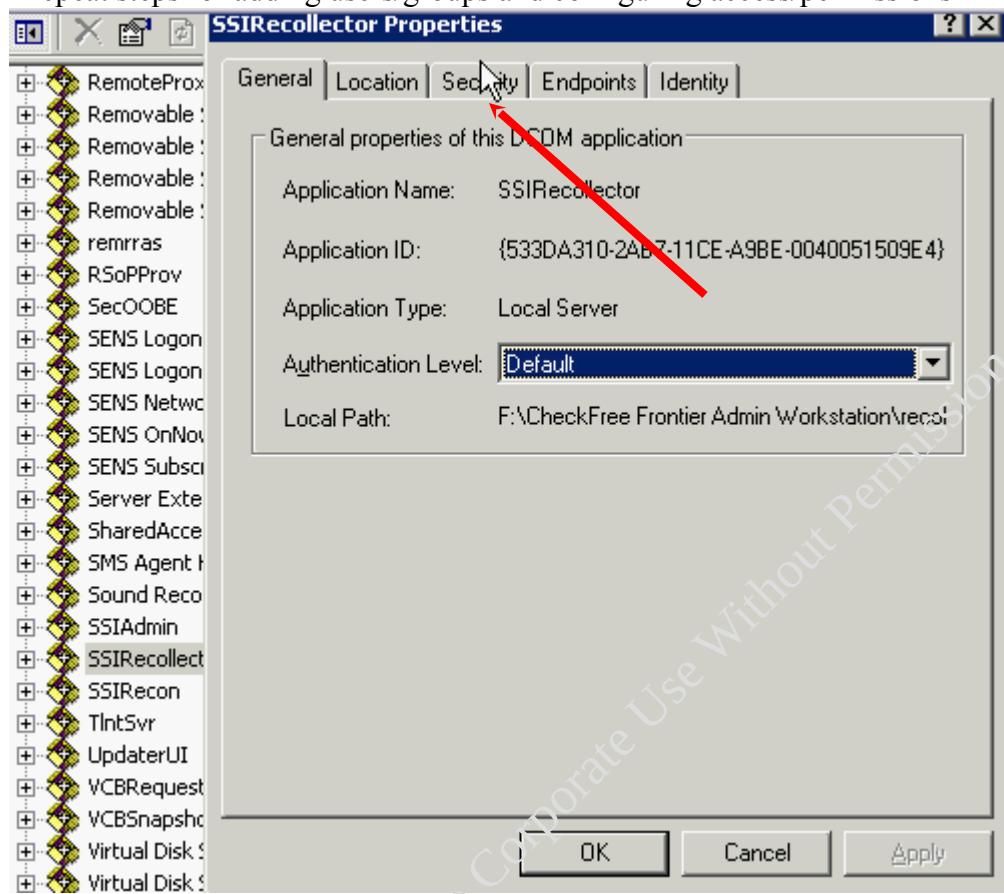
-Click ‘apply’, then ‘ok’

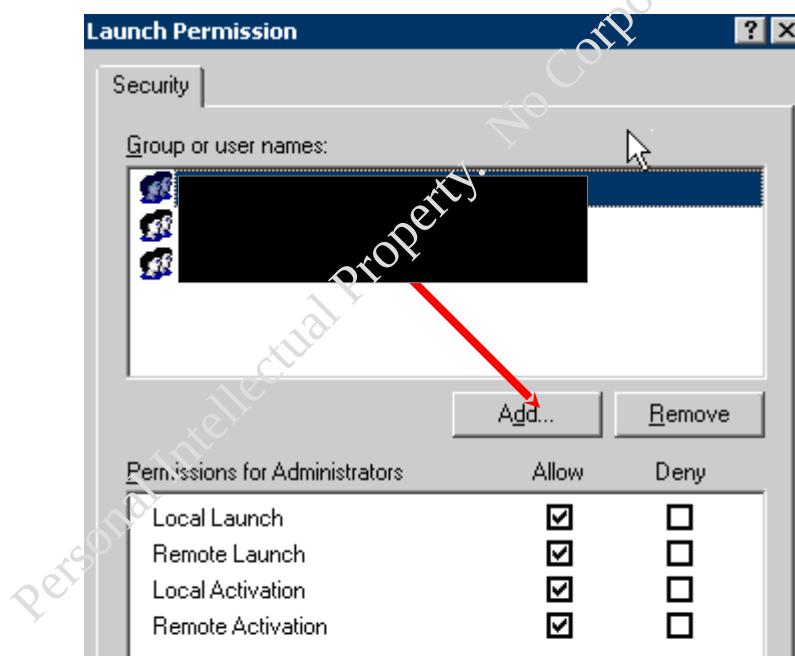
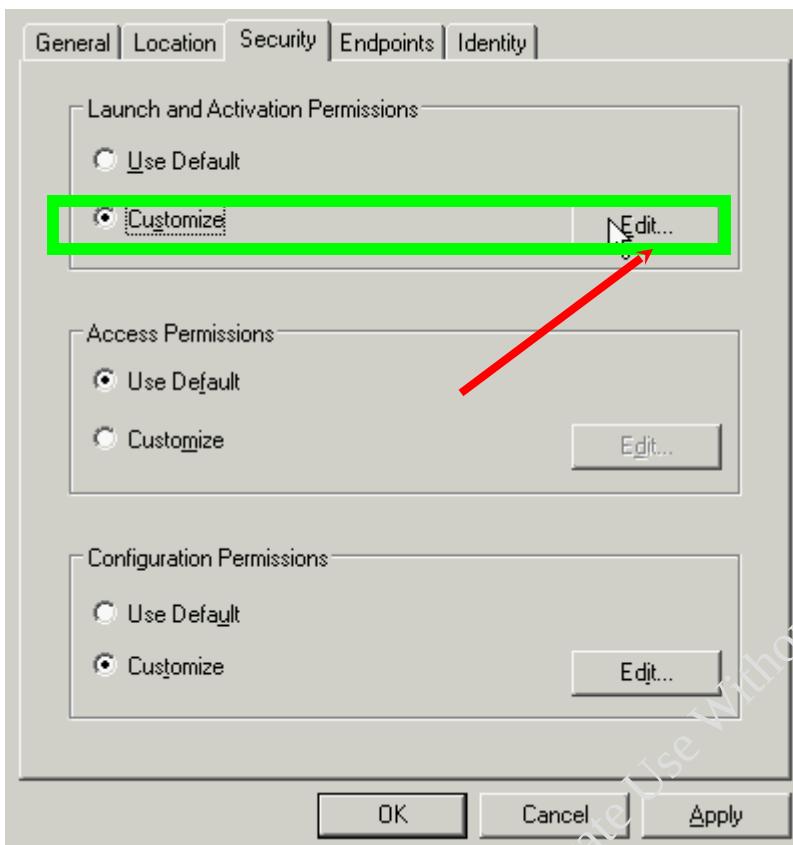


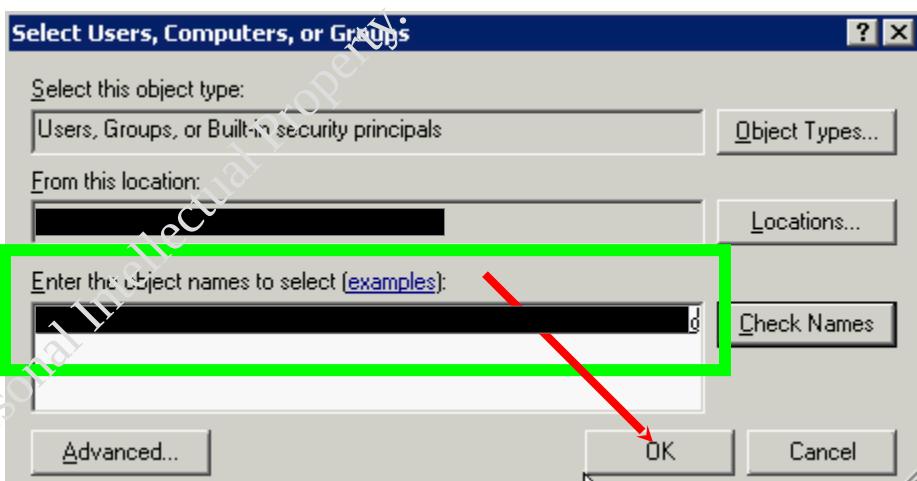
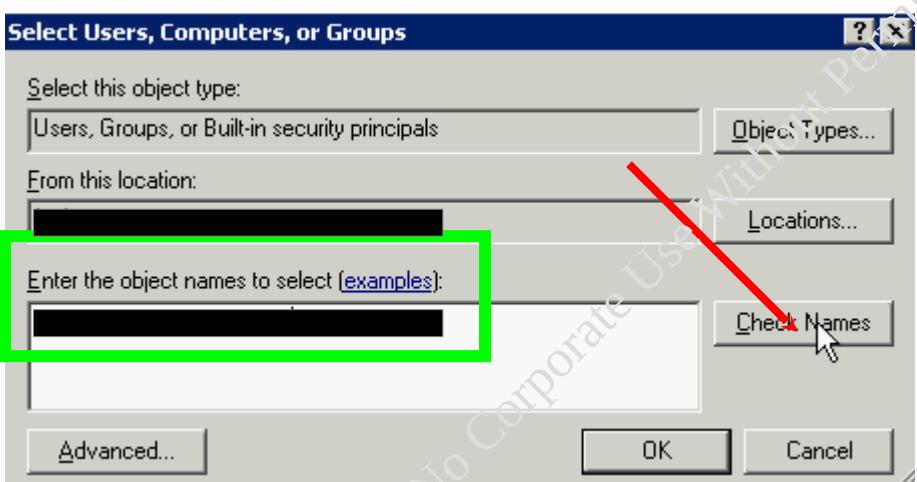
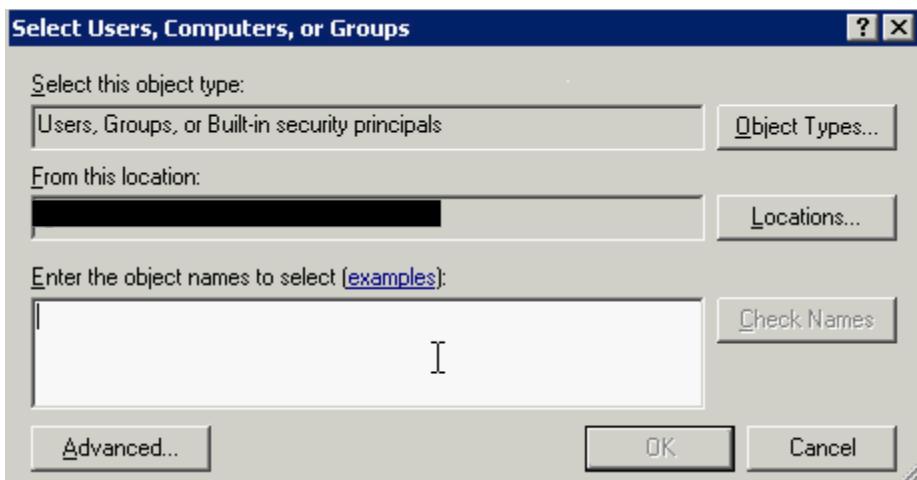
-‘Right click’ on ‘ssirecollector’ > properties

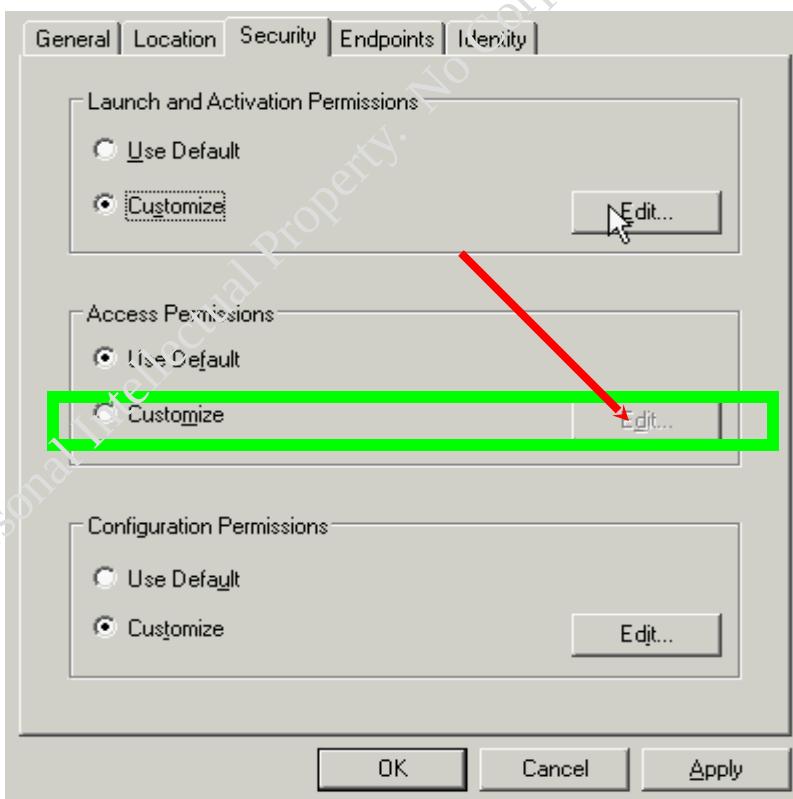
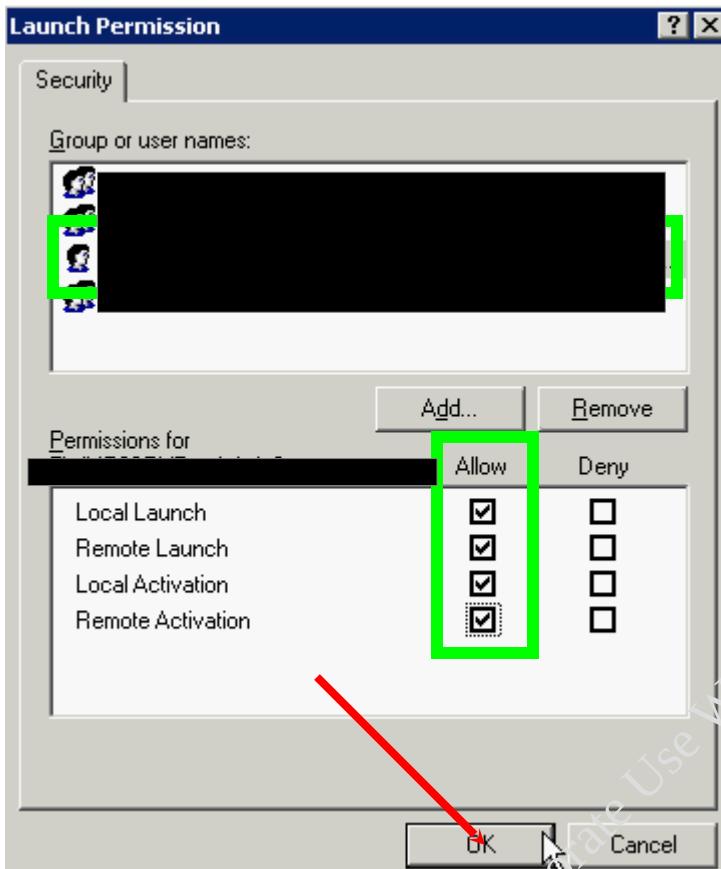


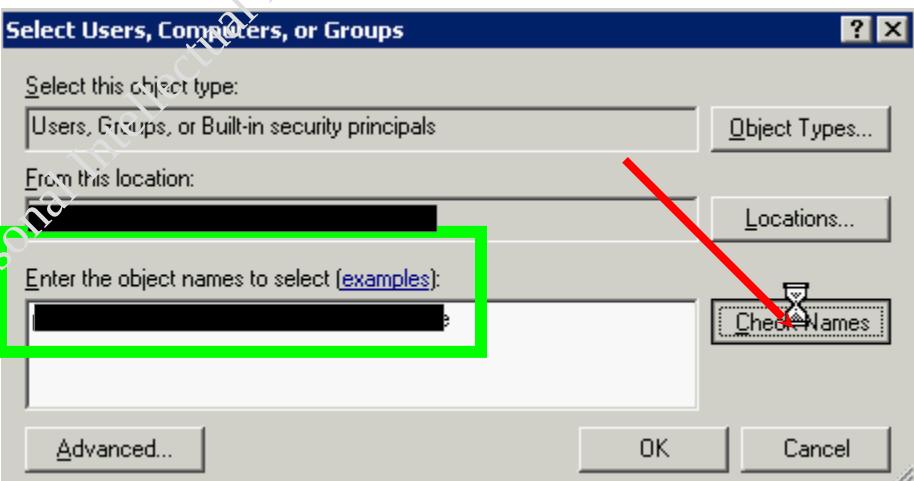
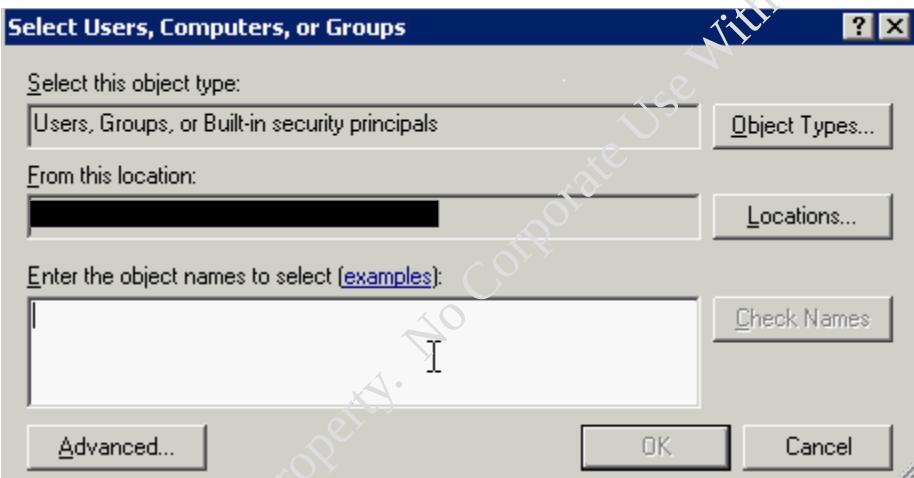
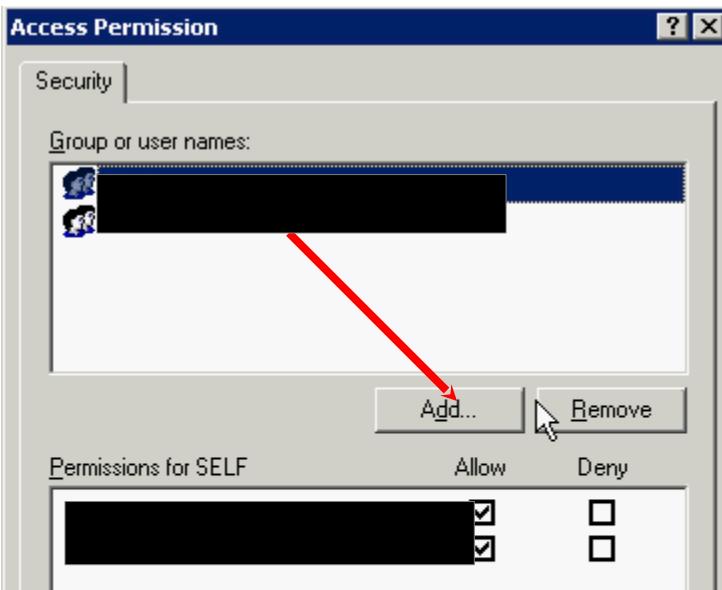
- Click on ‘security’ tab
- Repeat steps for adding users/groups and configuring access/permissions

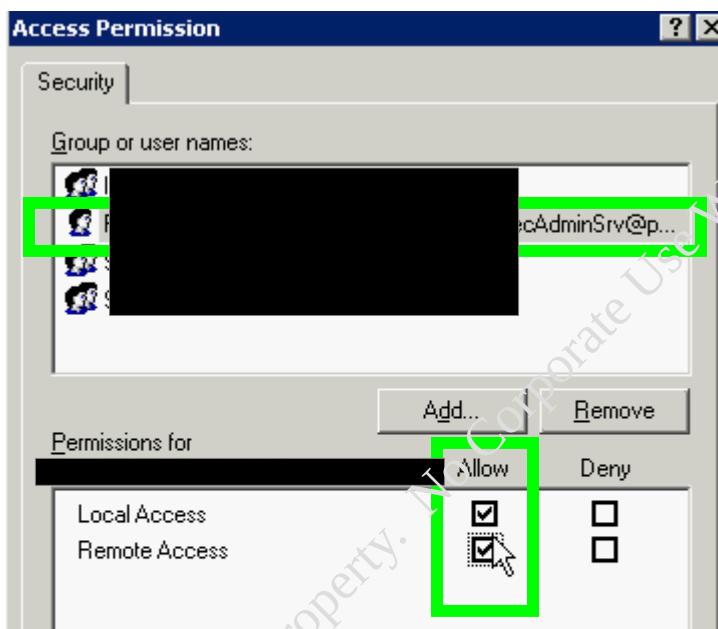
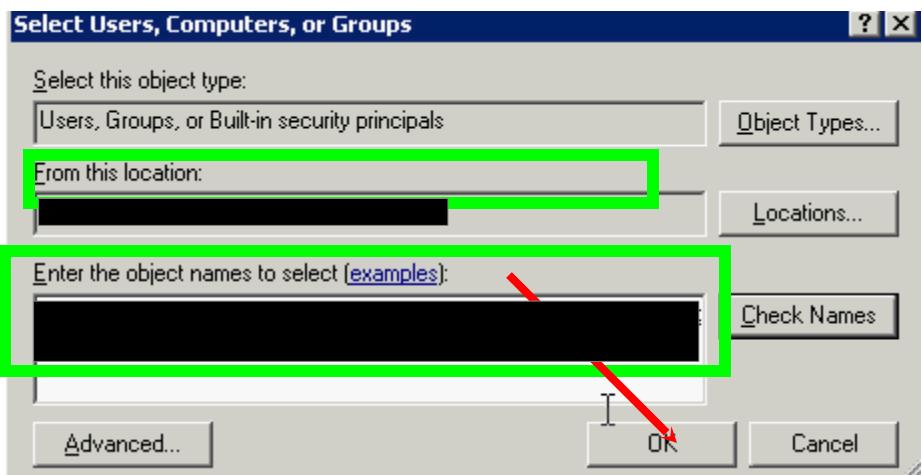


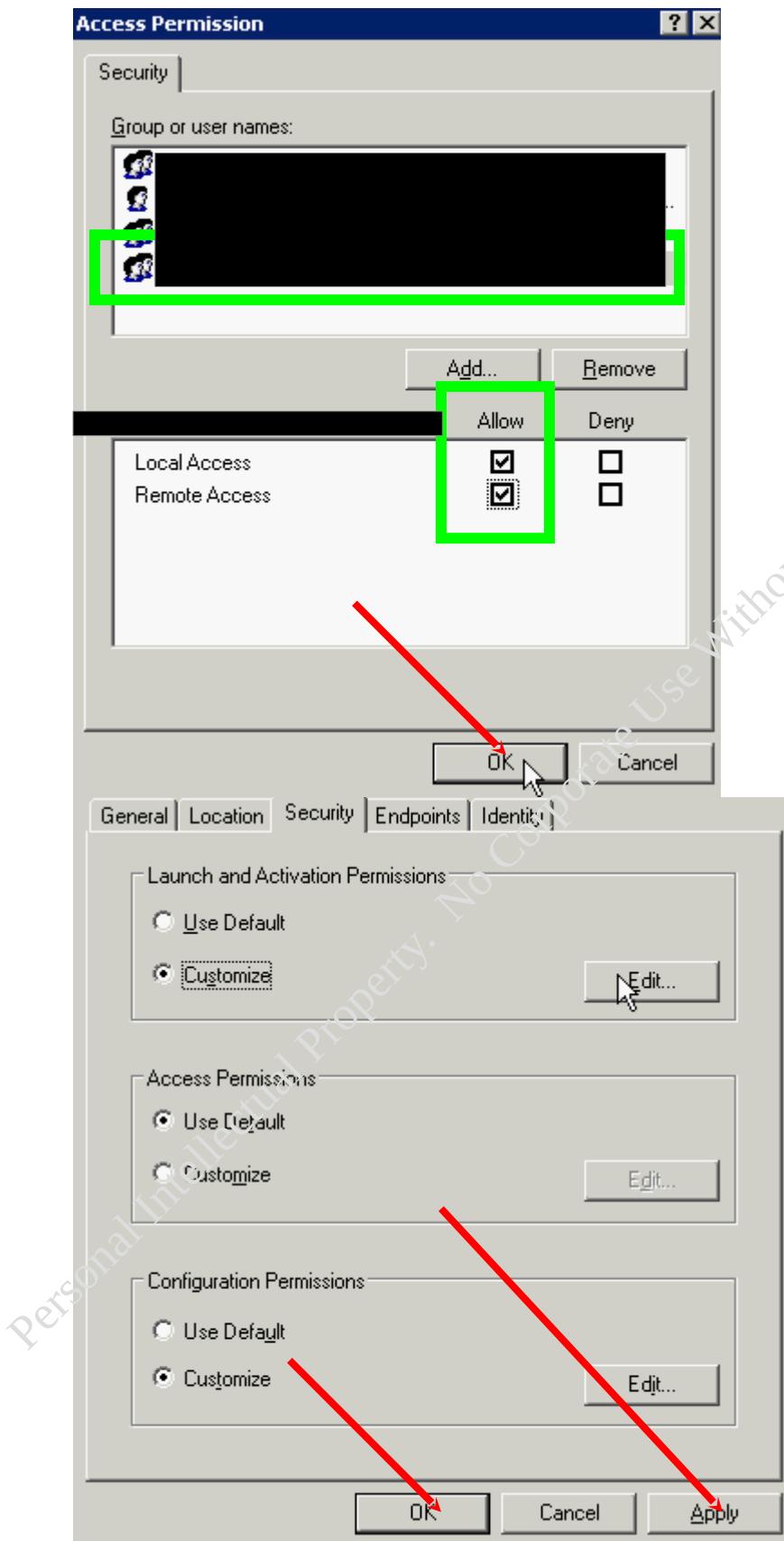




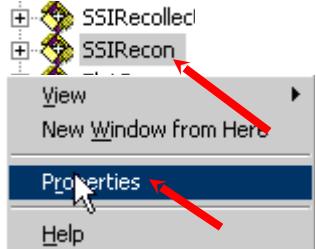








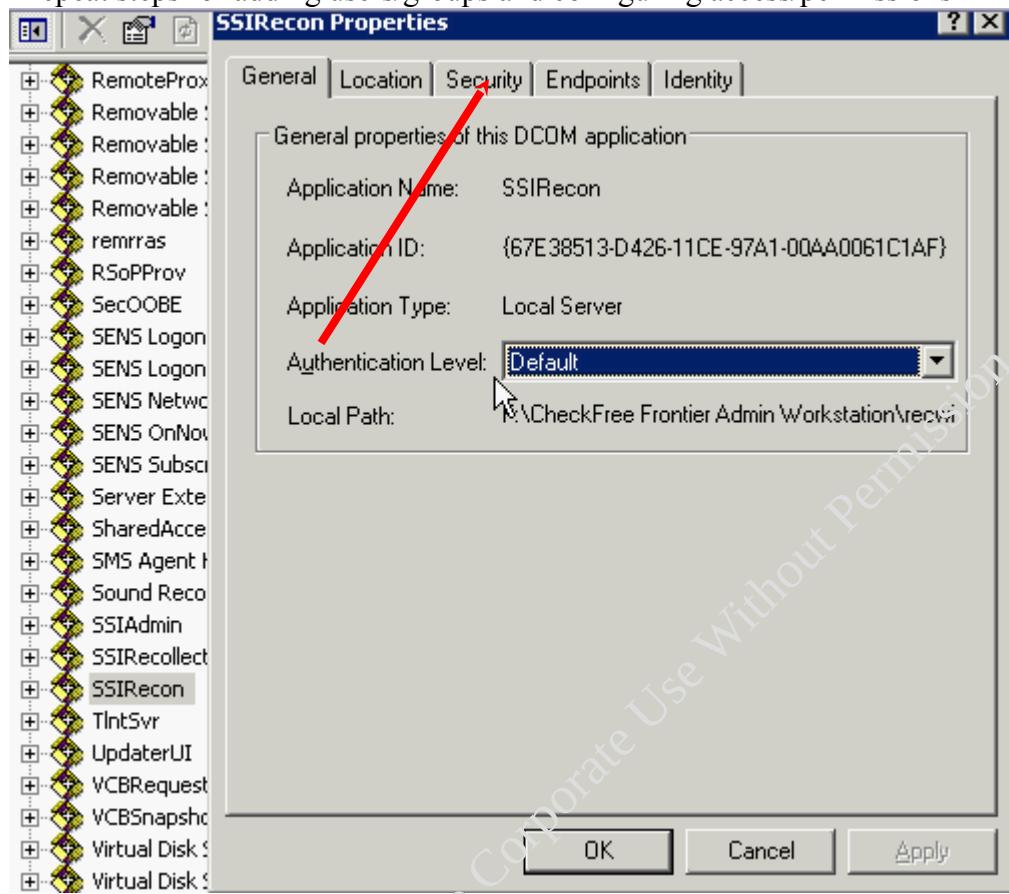
-‘Right click’ on ‘ssirecon’ > properties

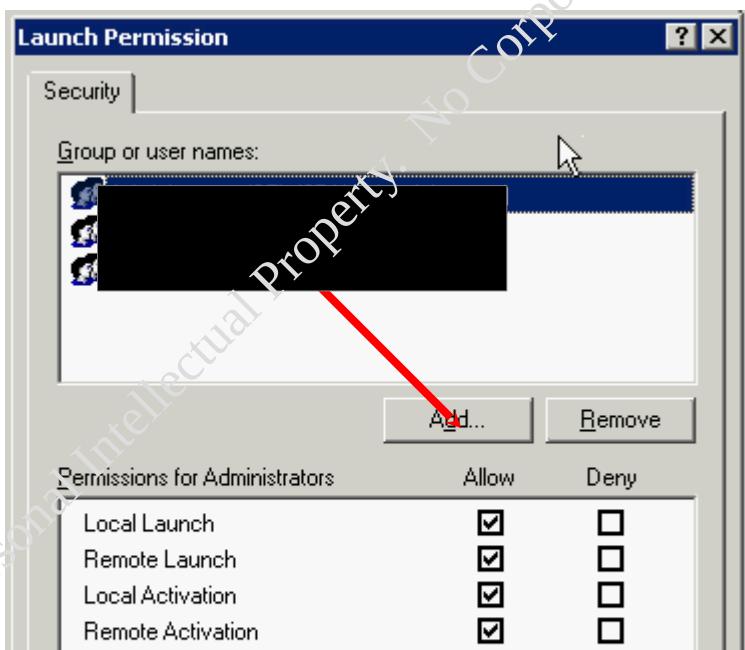
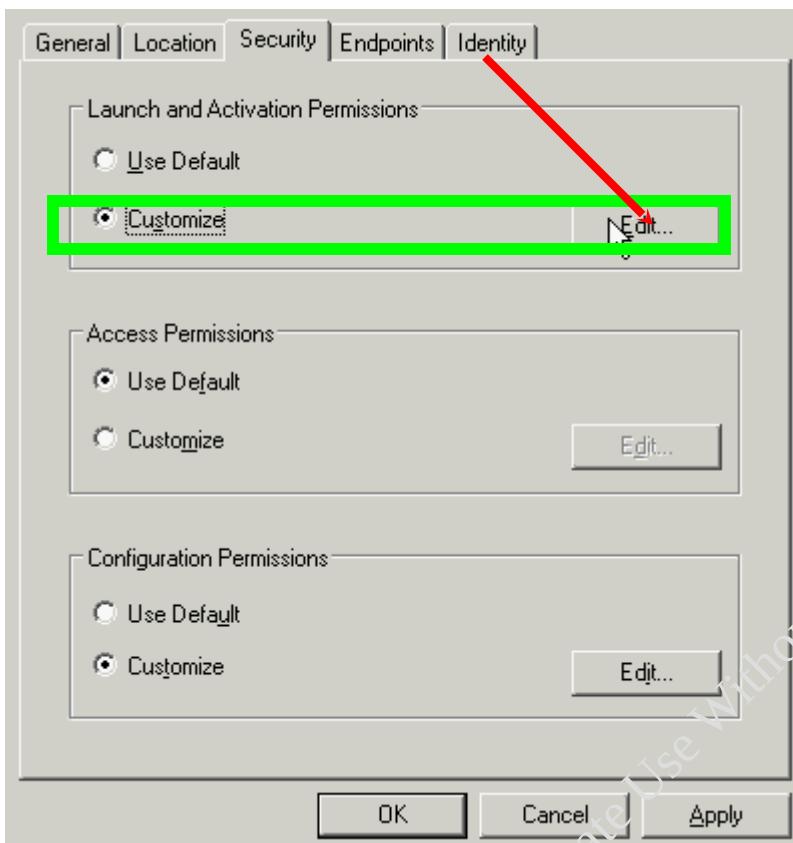


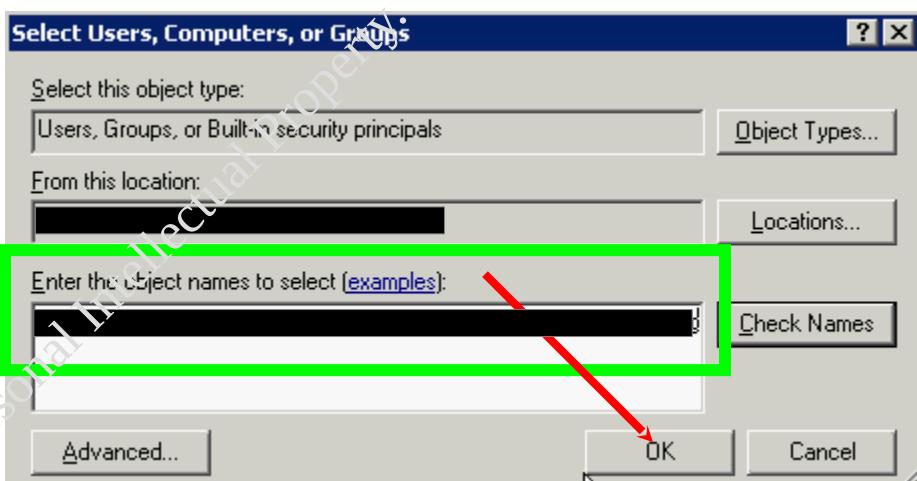
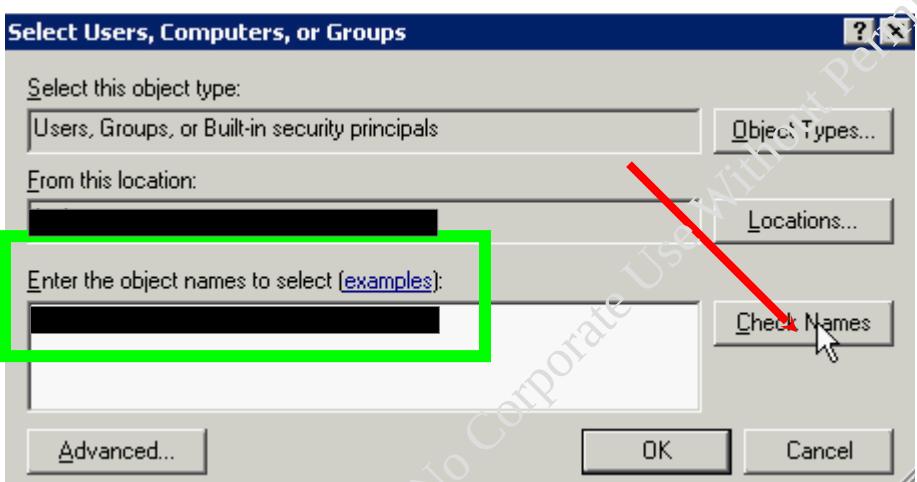
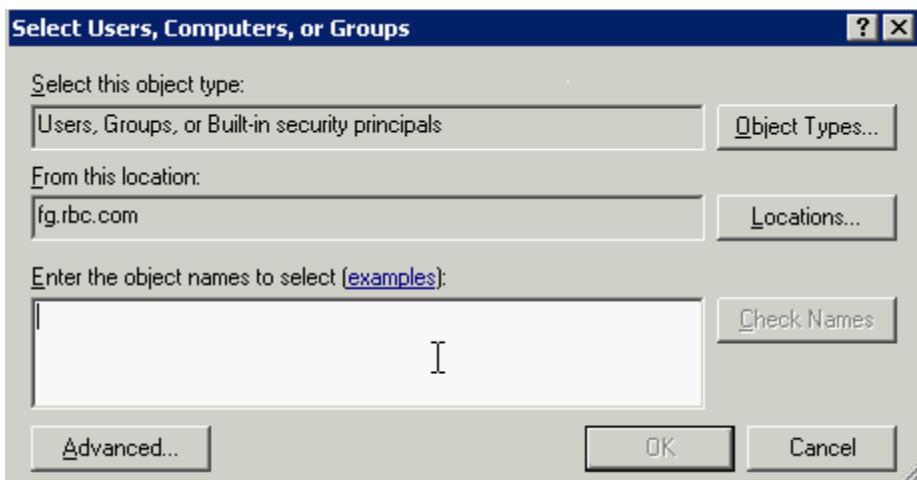
Personal Intellectual Property. No Corporate Use Without Permission. ©Kim Tran

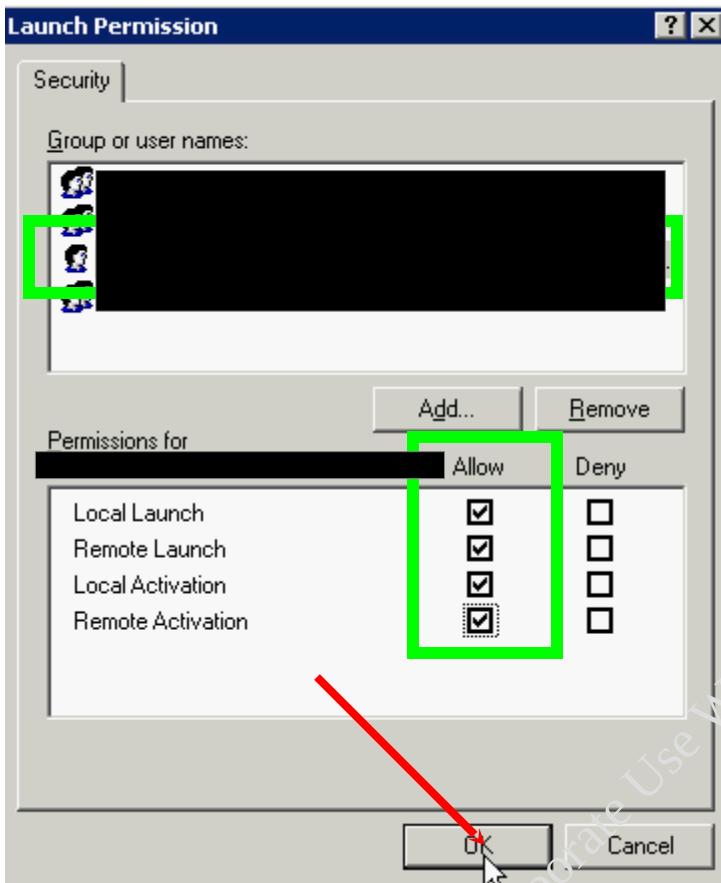
-Click on ‘security’ tab

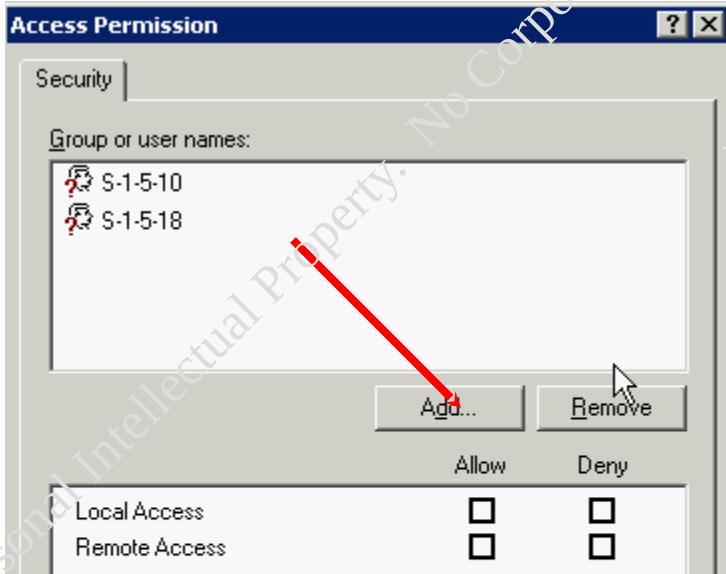
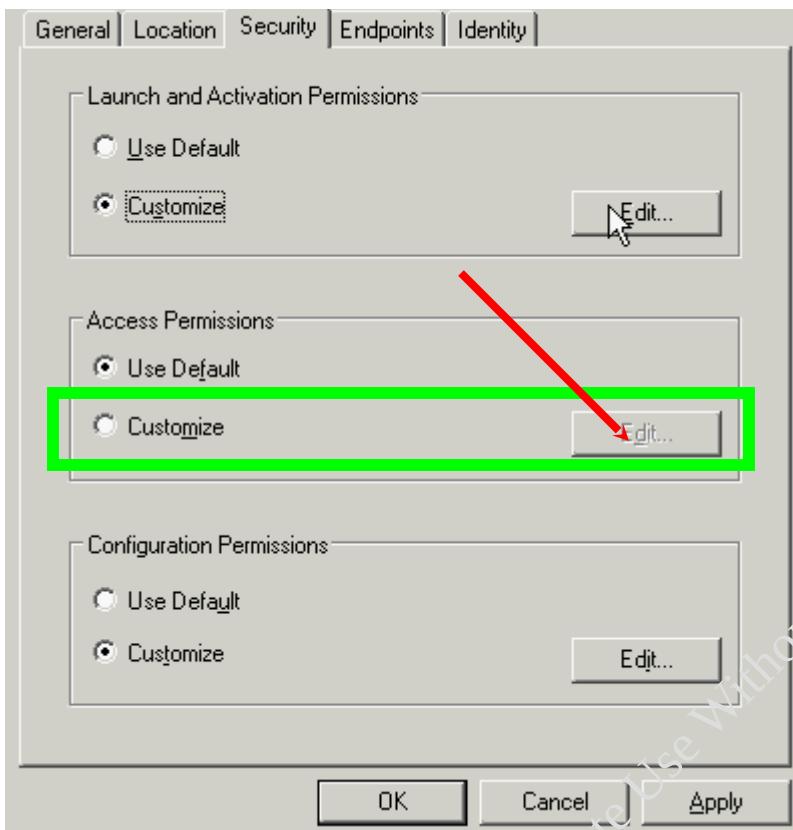
-Repeat steps for adding users/groups and configuring access/permissions

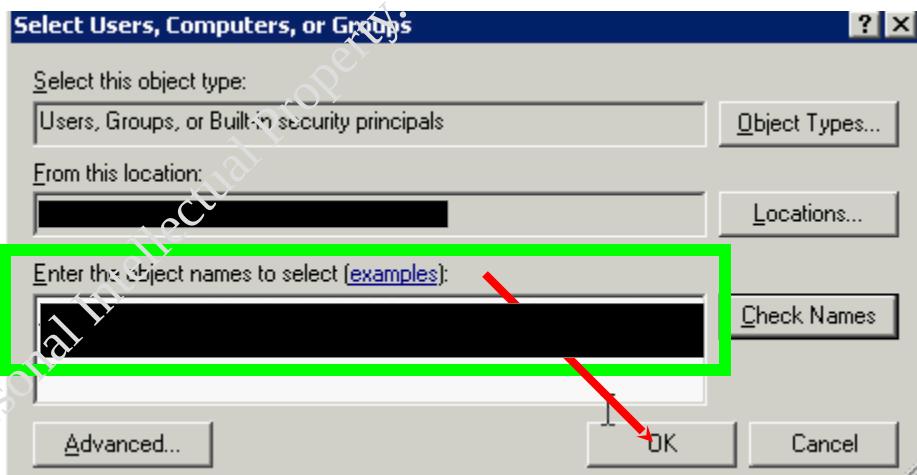
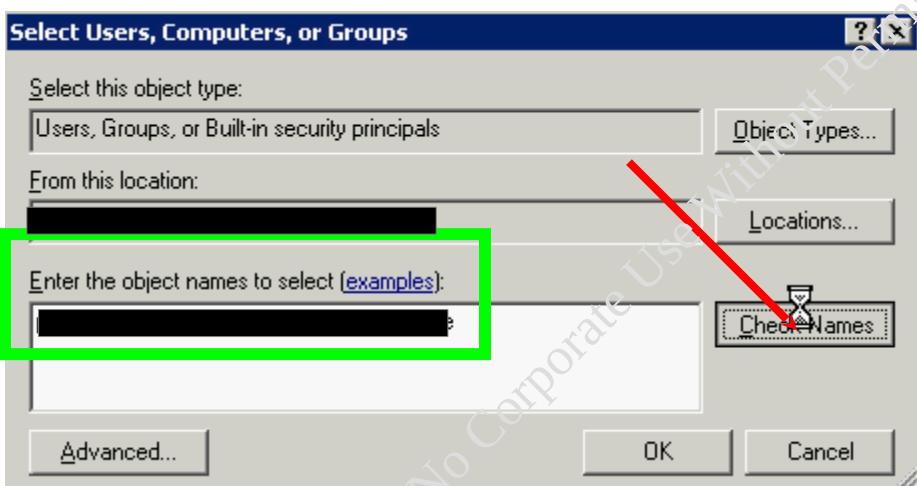
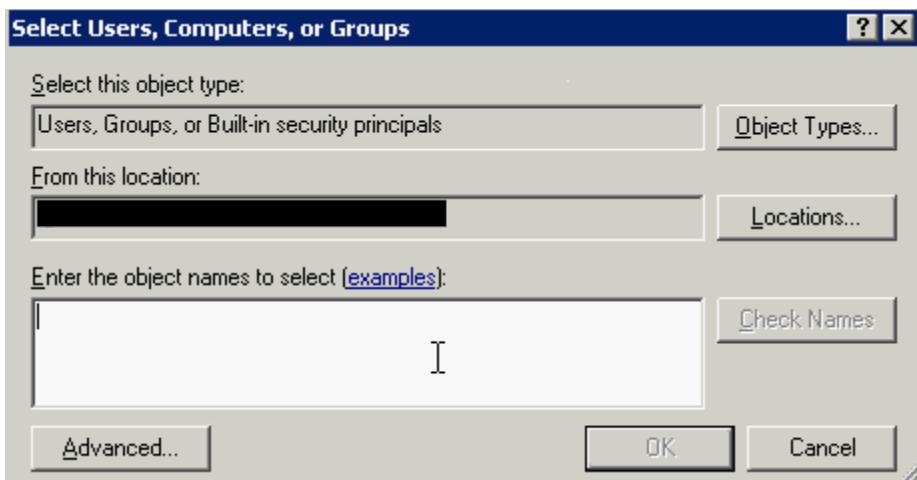


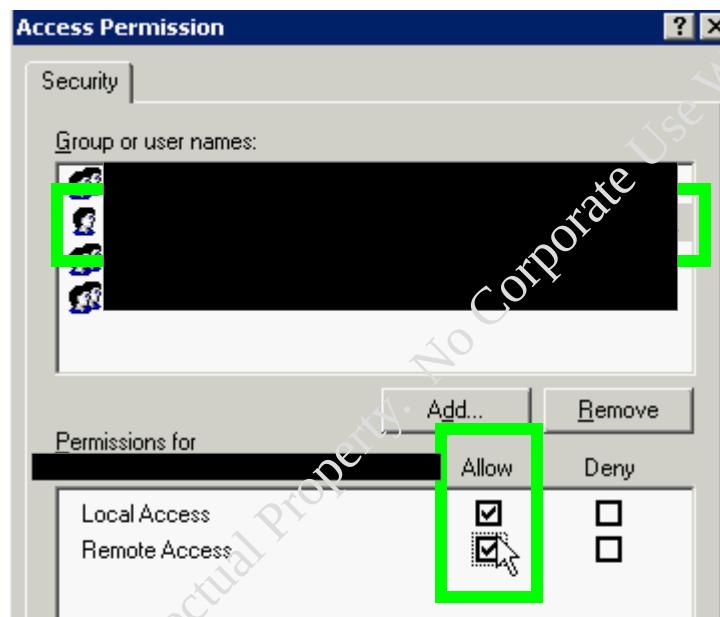
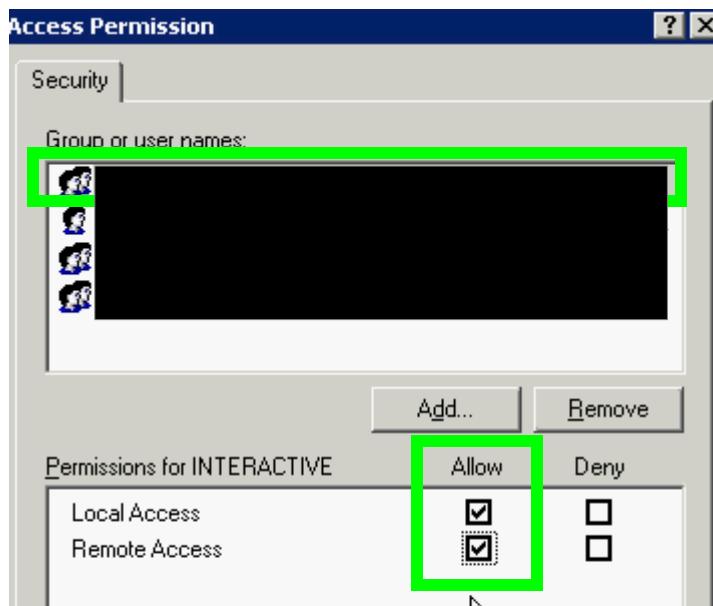


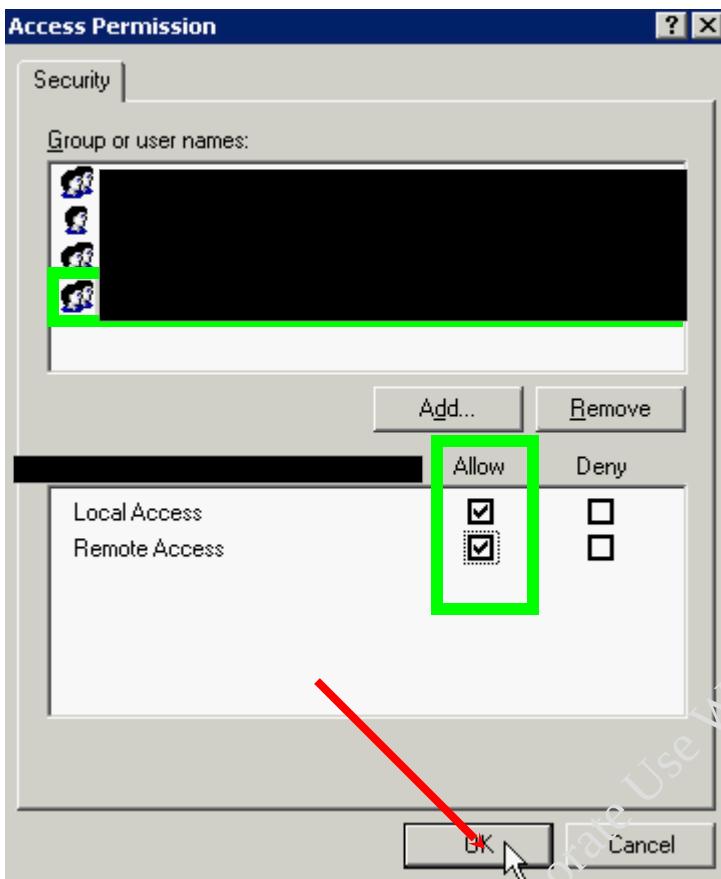


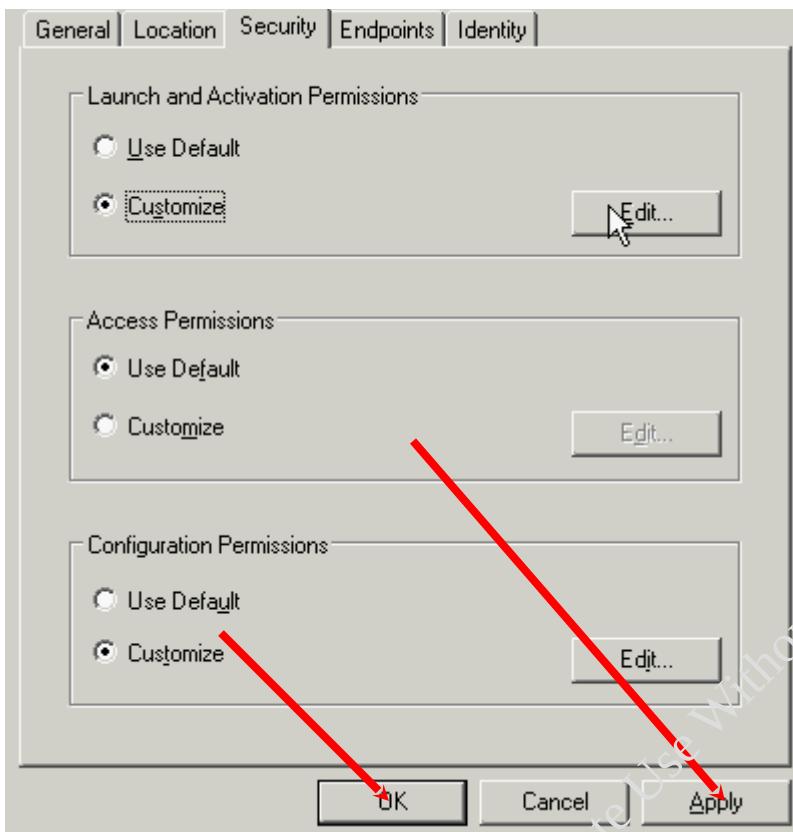












-When done, close all applications/windows, then log off

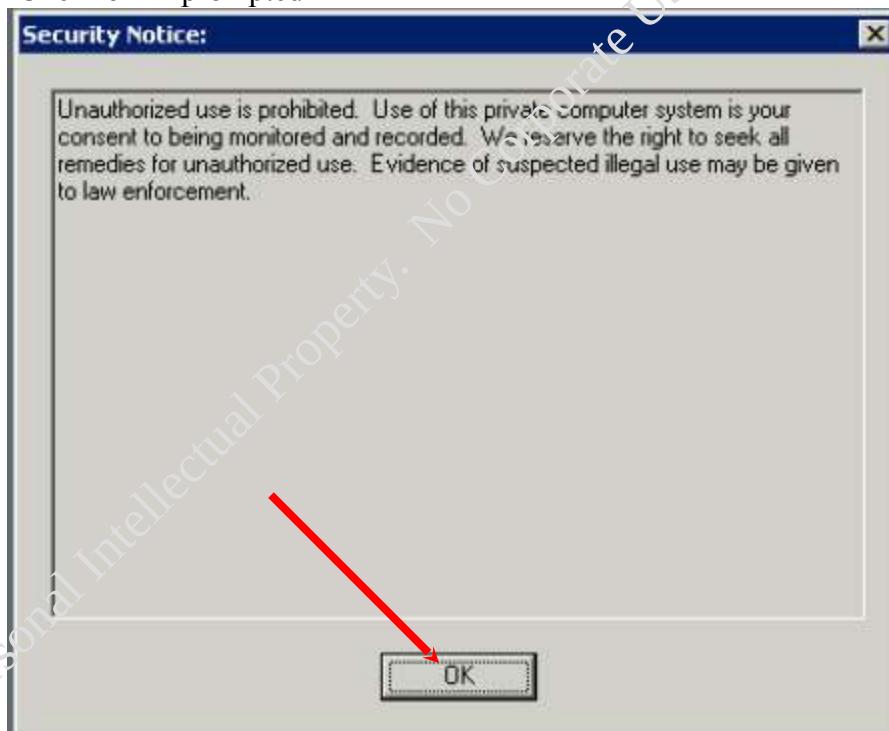
FRS-Frontier – 17 – checkfree frontier re-install, registry settings

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



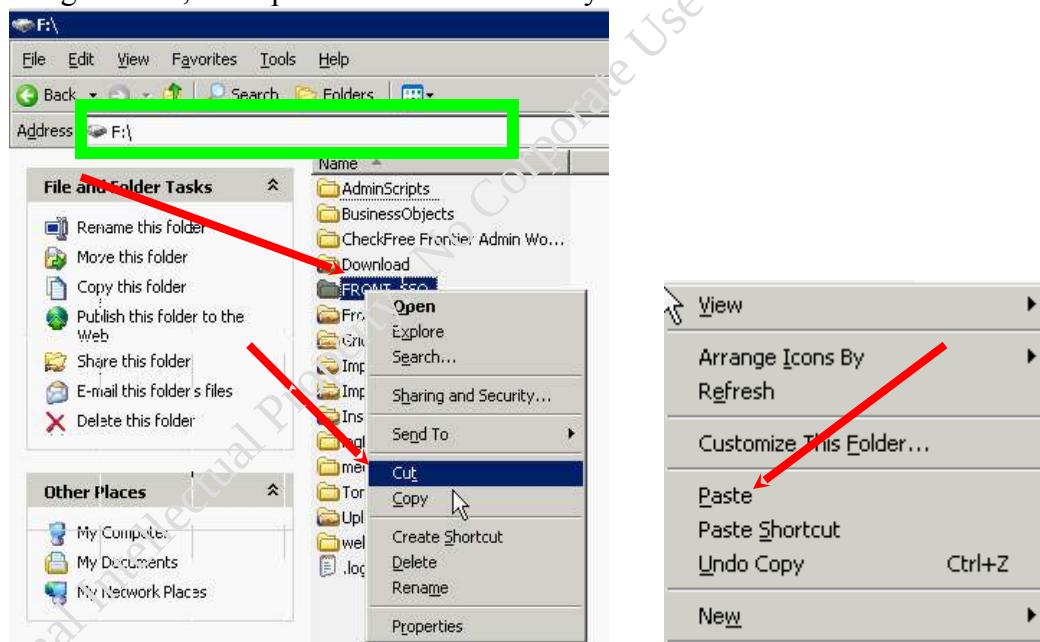
-Enter credentials to log in

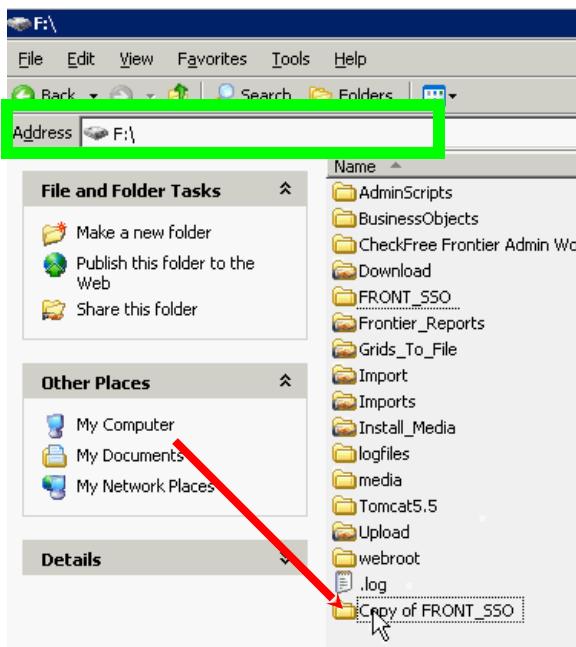


-Make a backup/copy of the 'front_sso' folder

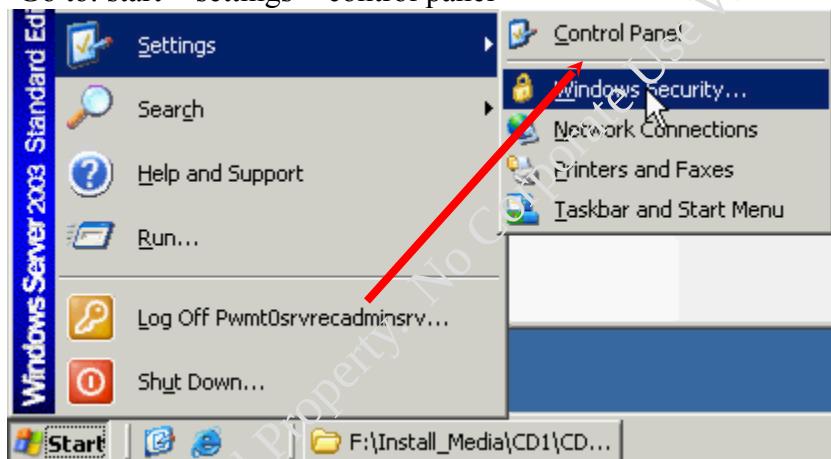
-‘Right click’ on the folder, ‘copy’

-‘Right click’, then ‘paste’ into same directory

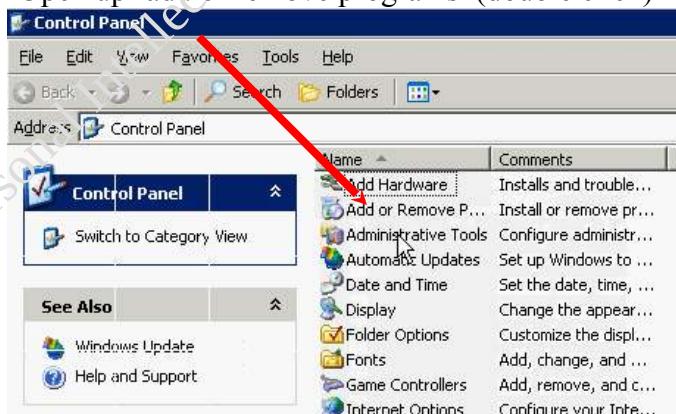




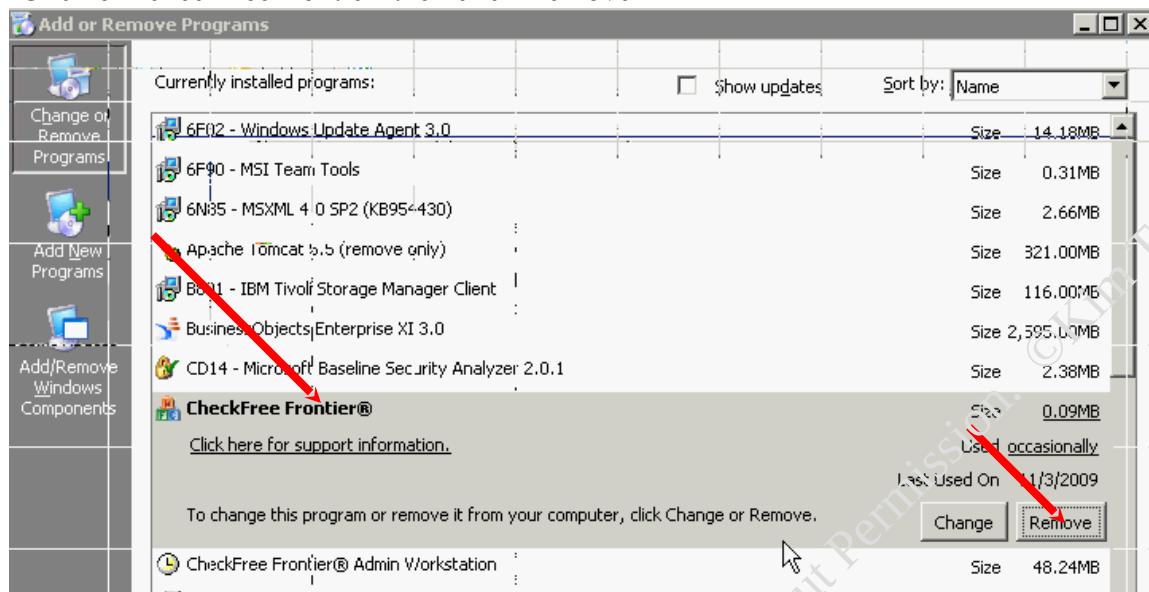
-Go to: start > settings > control panel



-Open up 'add or remove programs' (double click)

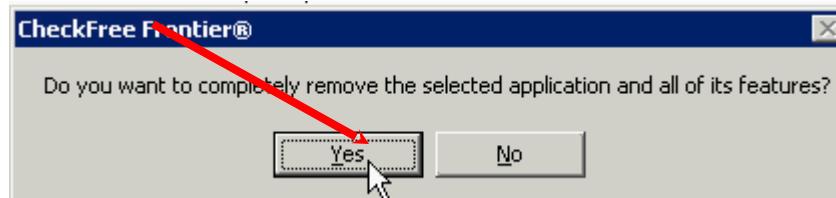
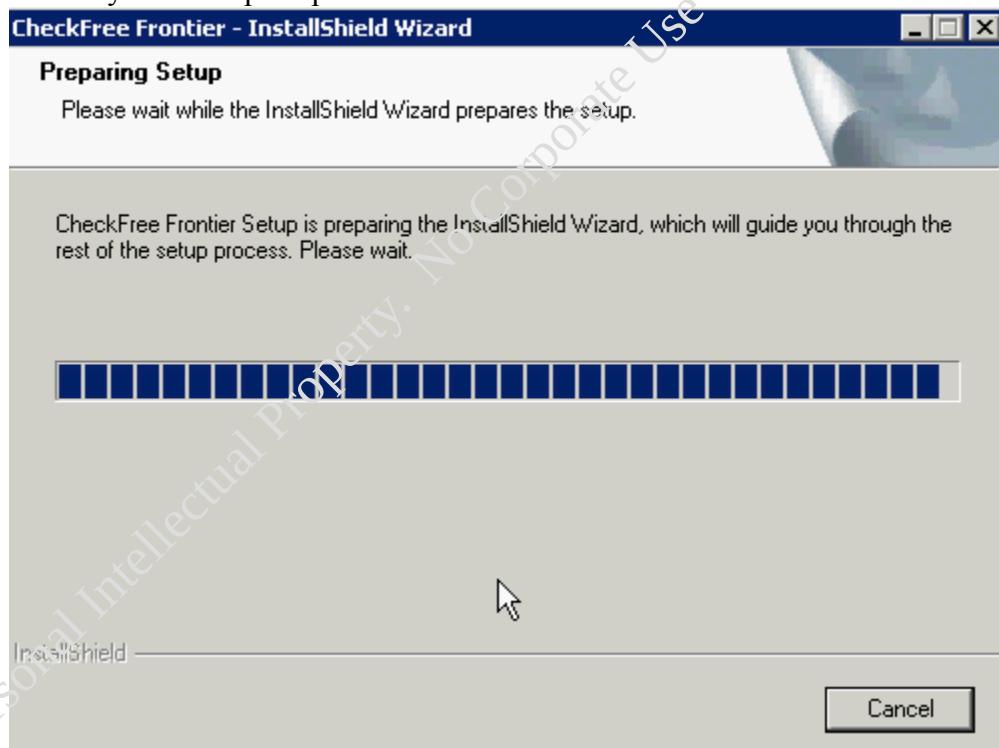


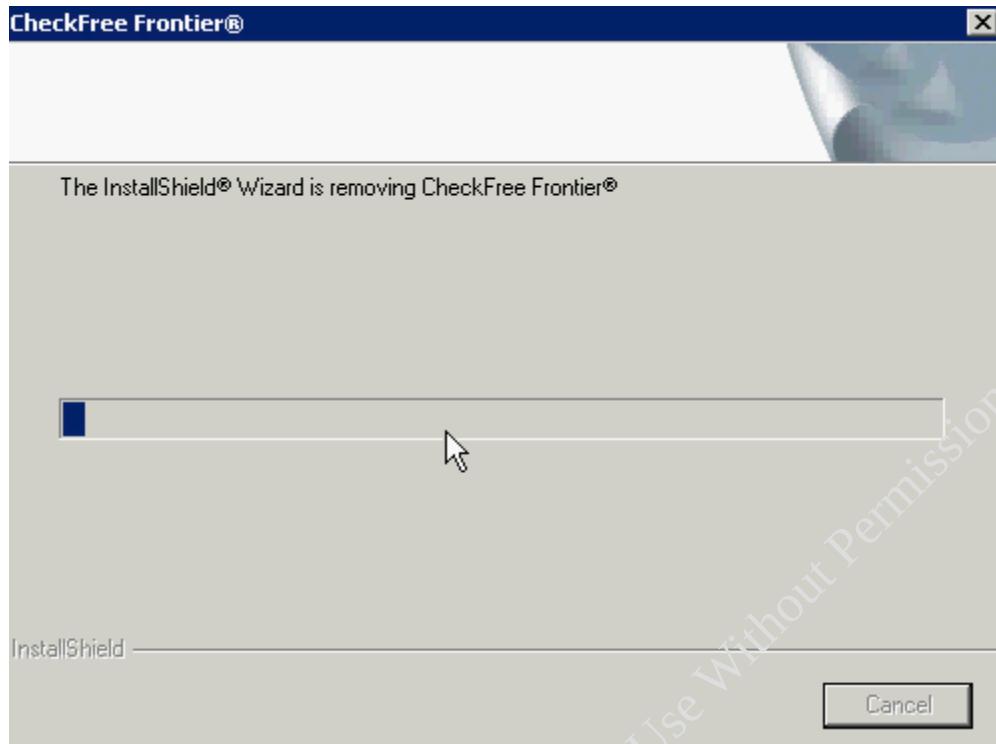
-Click on ‘checkfree frontier’ then click ‘remove’



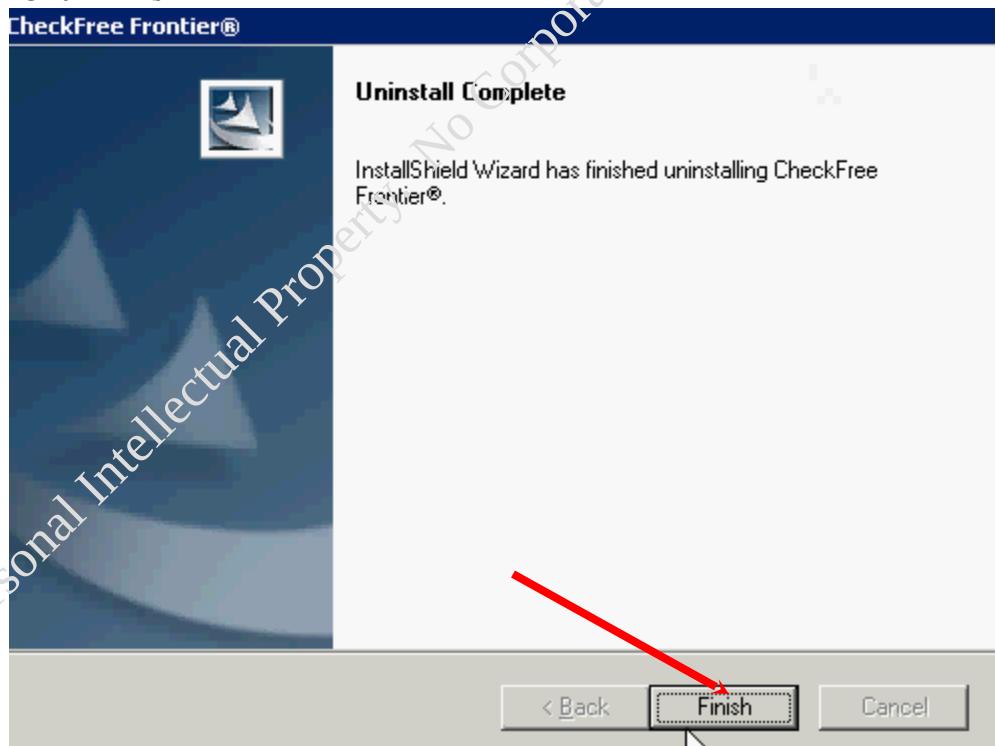
-The uninstall should be starting

-Click ‘yes’ at the prompt





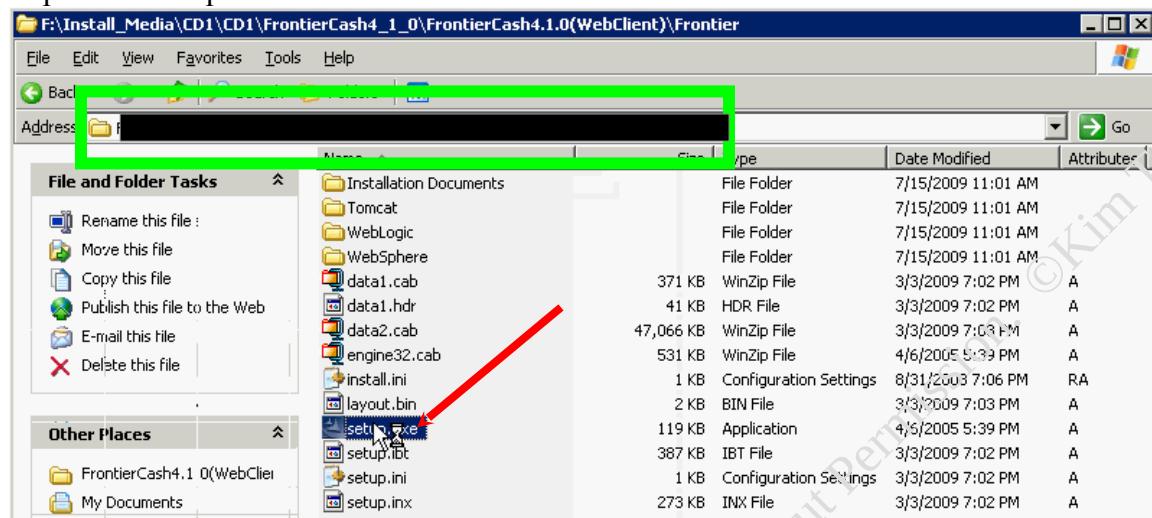
-Click 'finish'



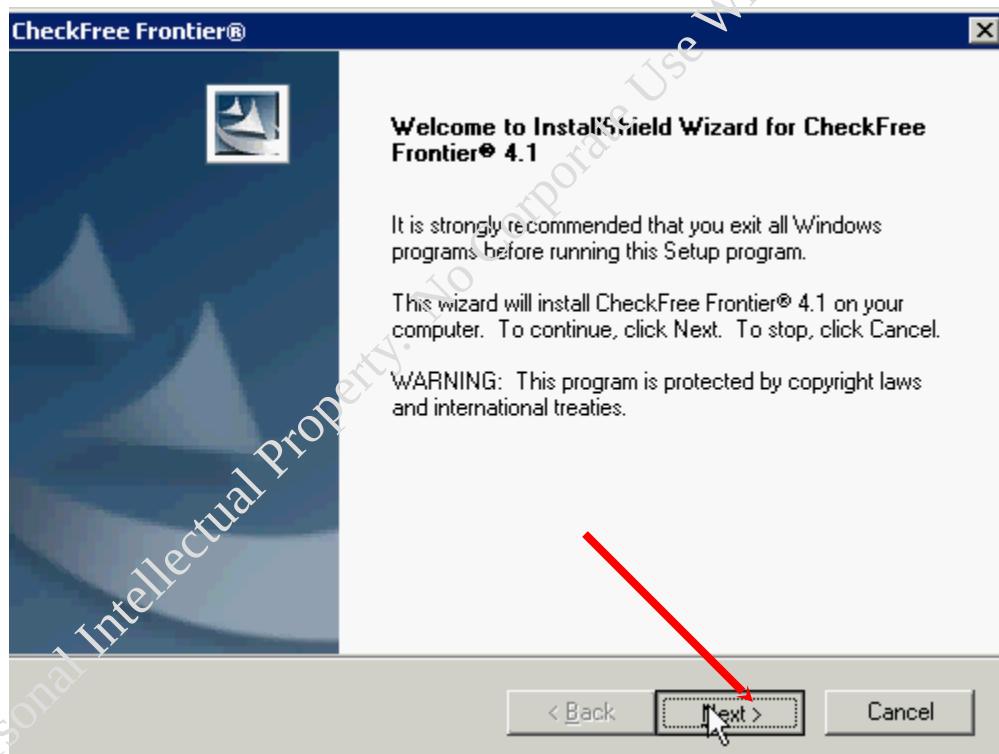
-Navigate to the appropriate directory, in this example:

f:\Install_Media\CD1\FrontierCash4_1_0\FrontierCash4.1.0\WebClient\Frontier

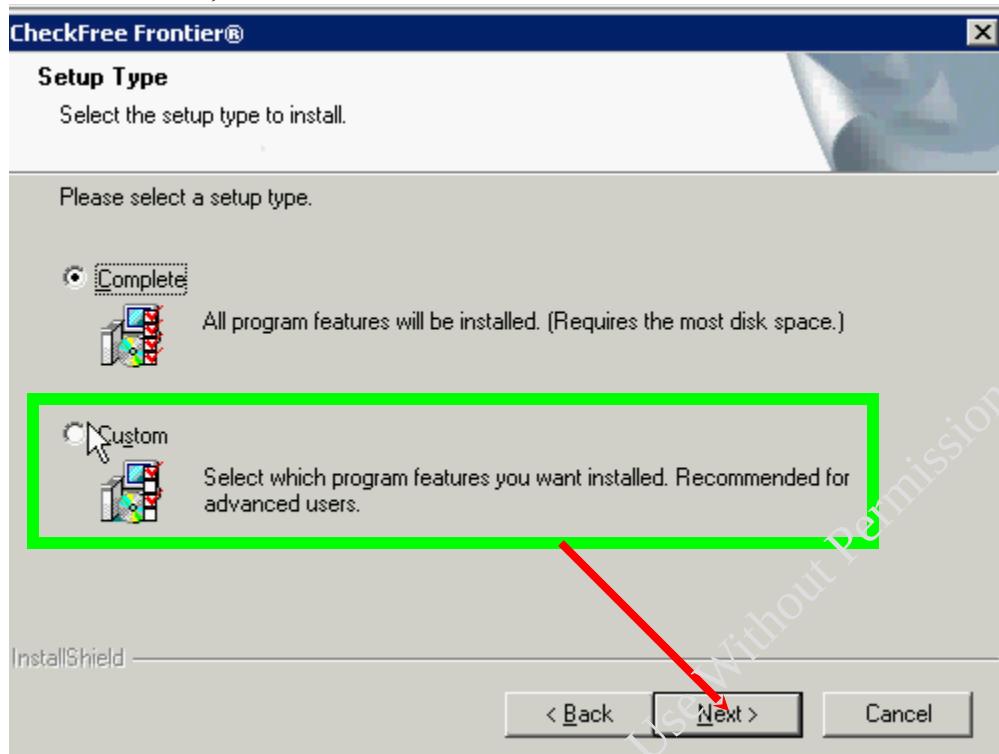
-Open the 'setup.exe' file



-Click 'next'

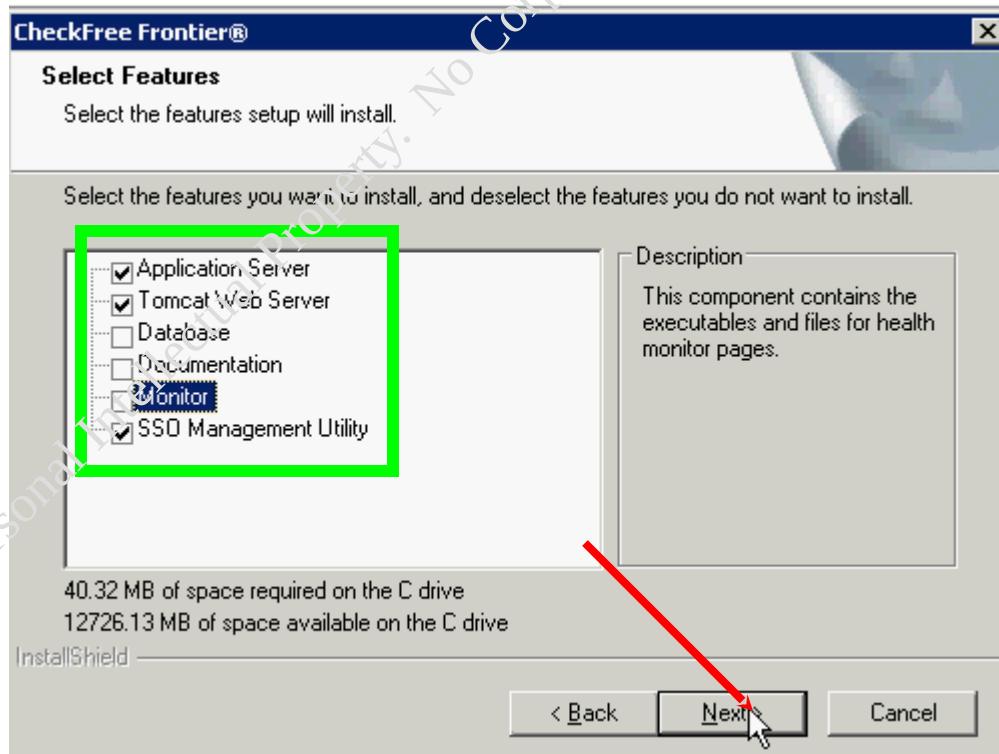


-Click ‘custom’, then ‘next’

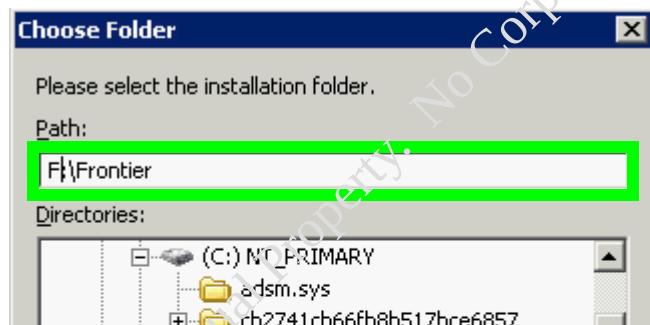
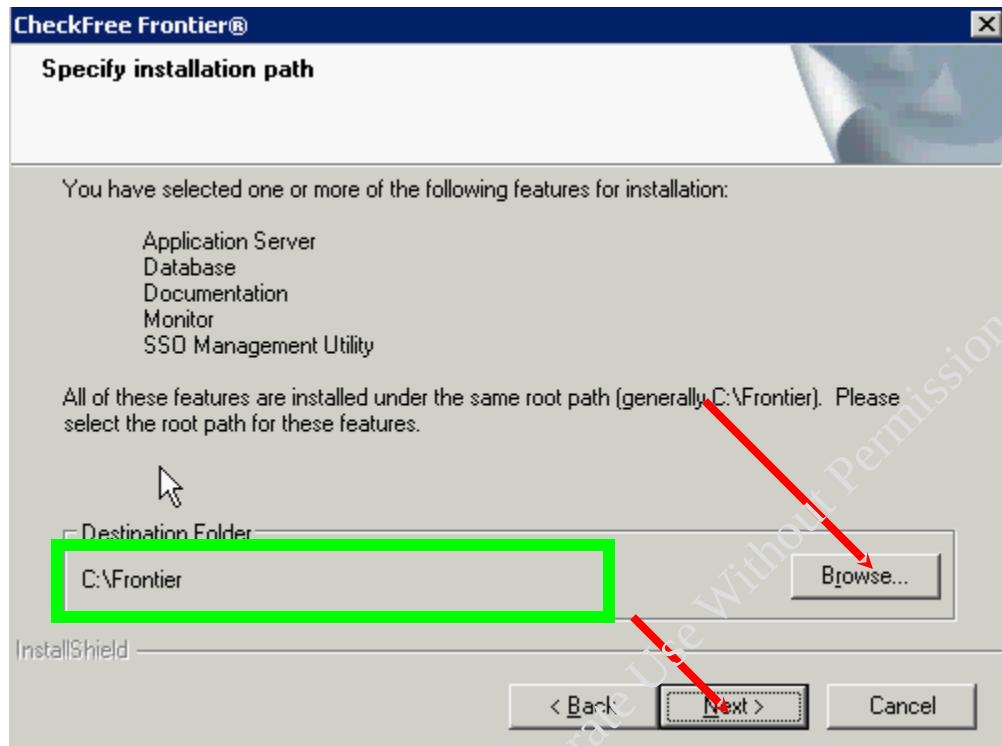


-Edit/correct the appropriate fields

-Click ‘next’

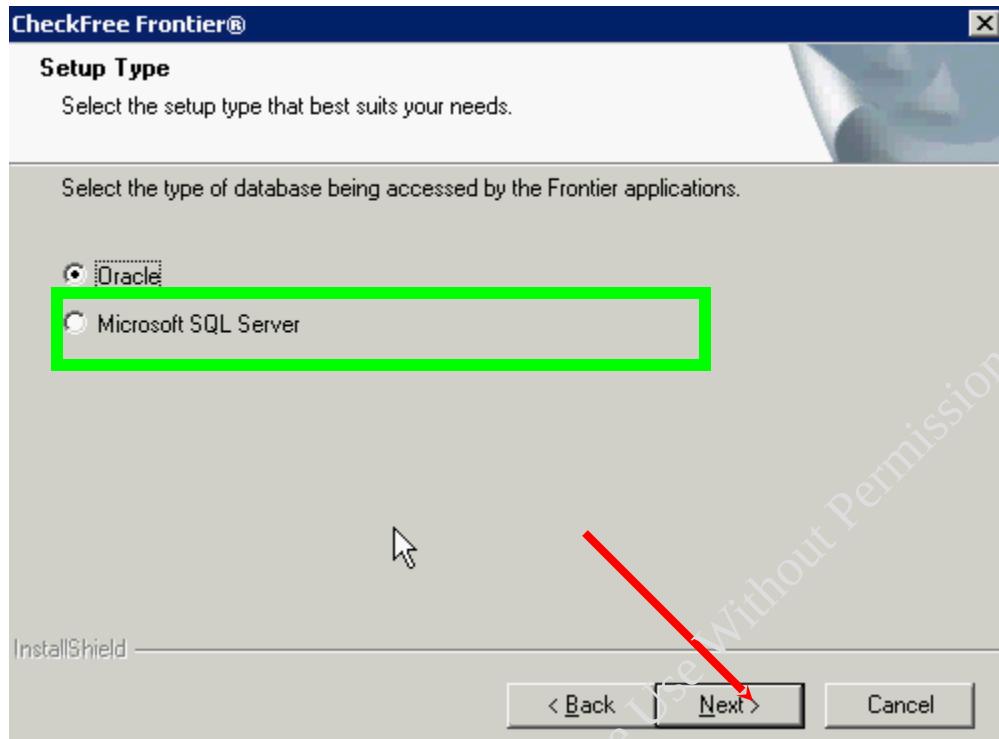


- Click ‘browse’
- Change the directory to ‘F’, click ‘ok’
- Click ‘next’



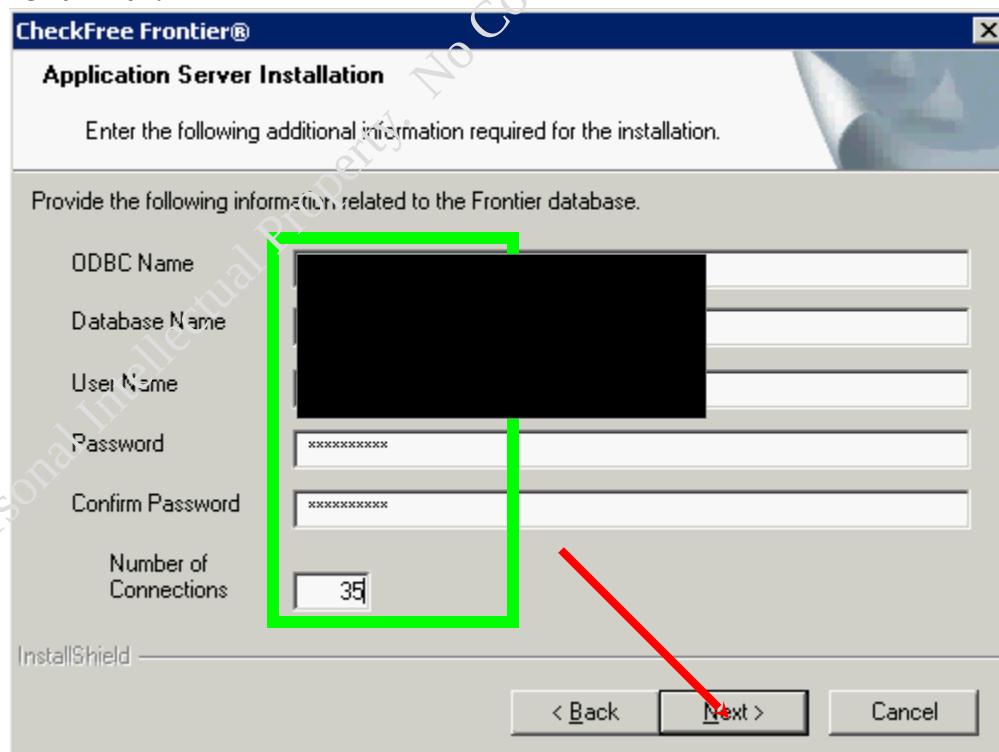
-Select 'ms sql server'

-Click 'next'

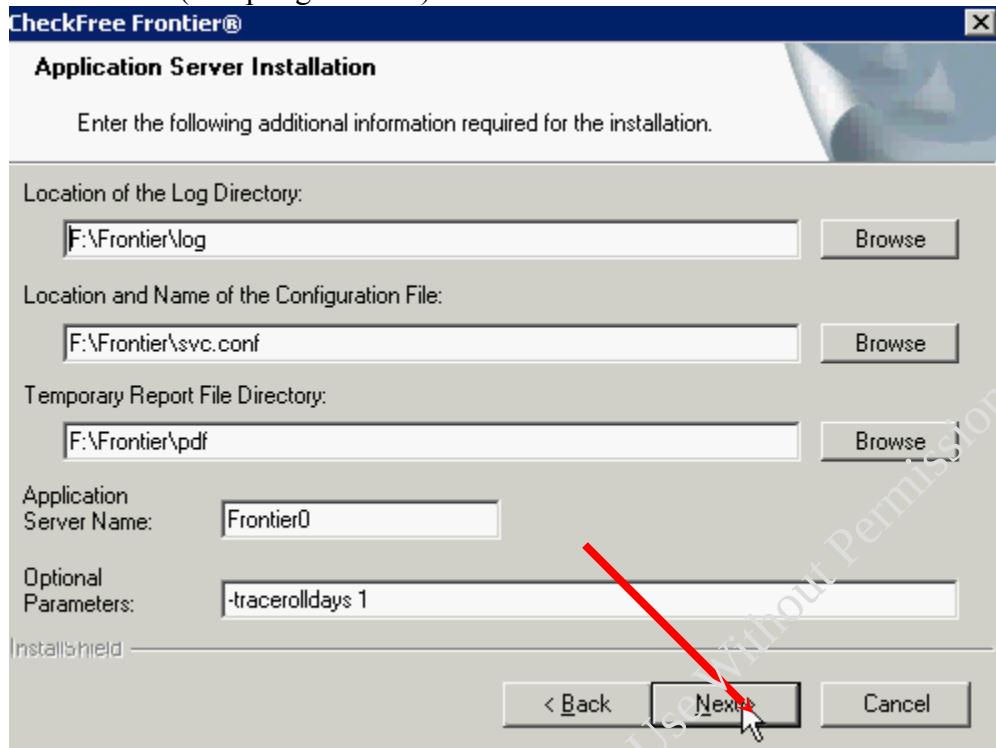


-Edit/update the appropriate fields

-Click 'next'

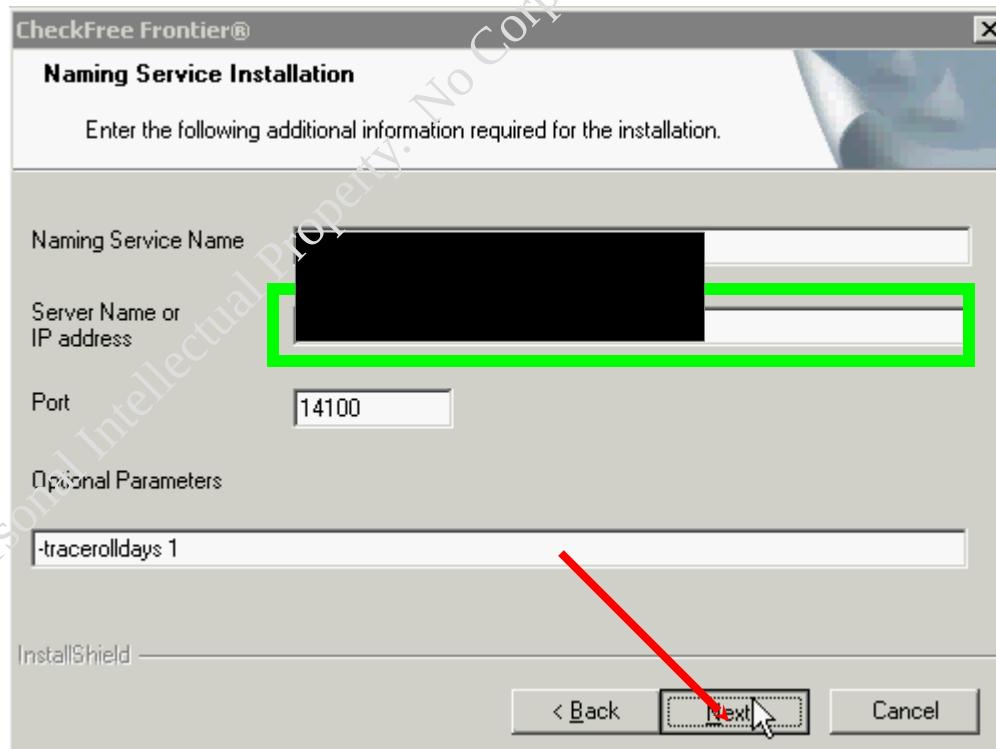


-Click 'next' (accepting defaults)

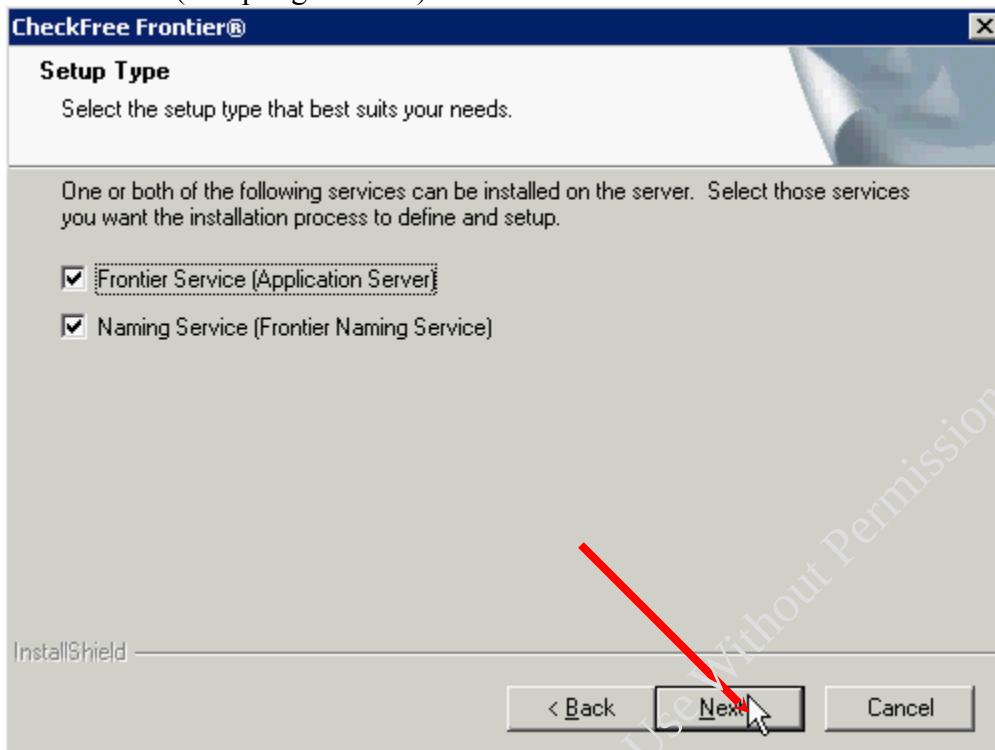


-Edit/update appropriate fields

-Click 'next'



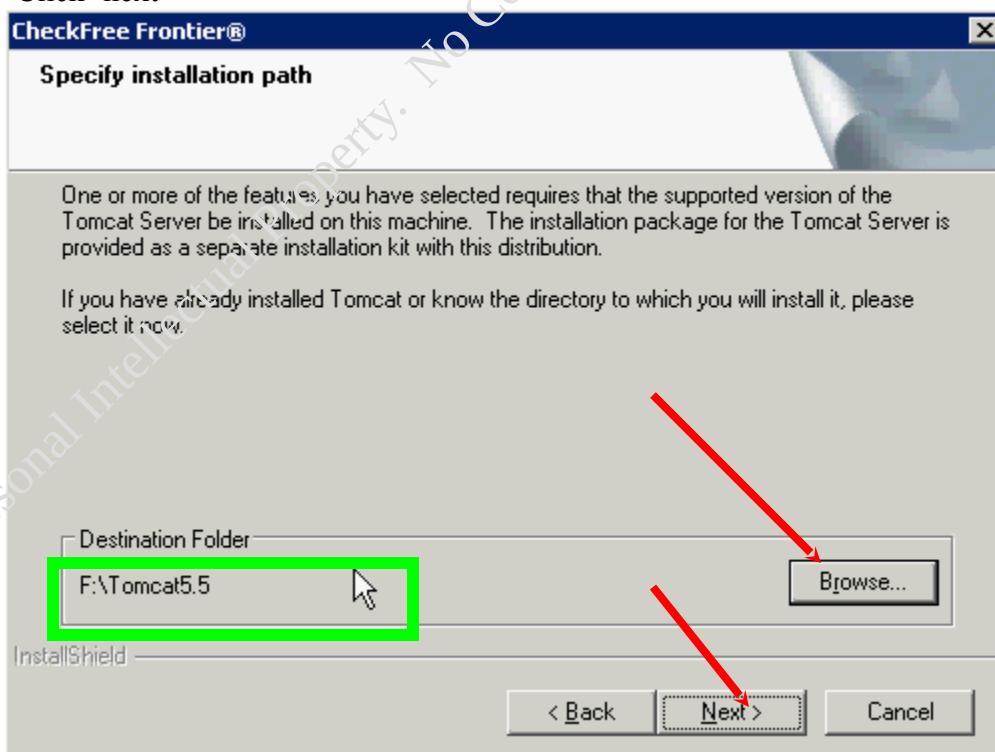
-Click ‘next’ (accepting defaults)

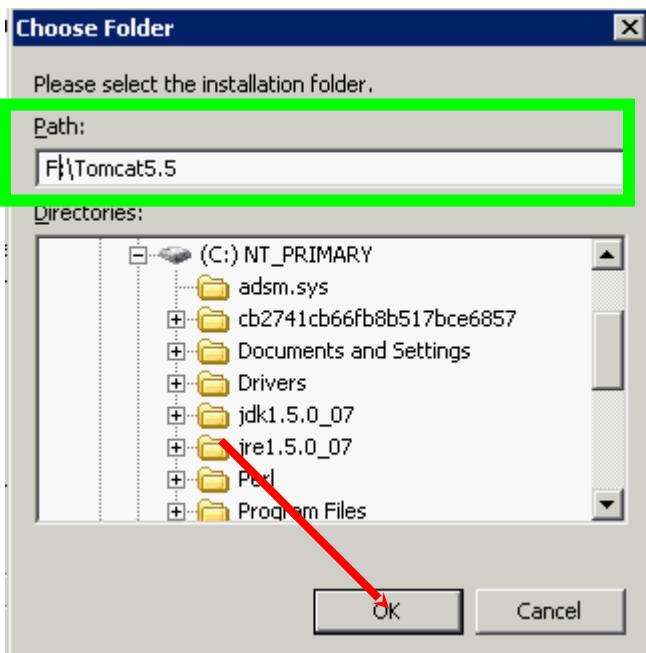


-Click ‘browse’

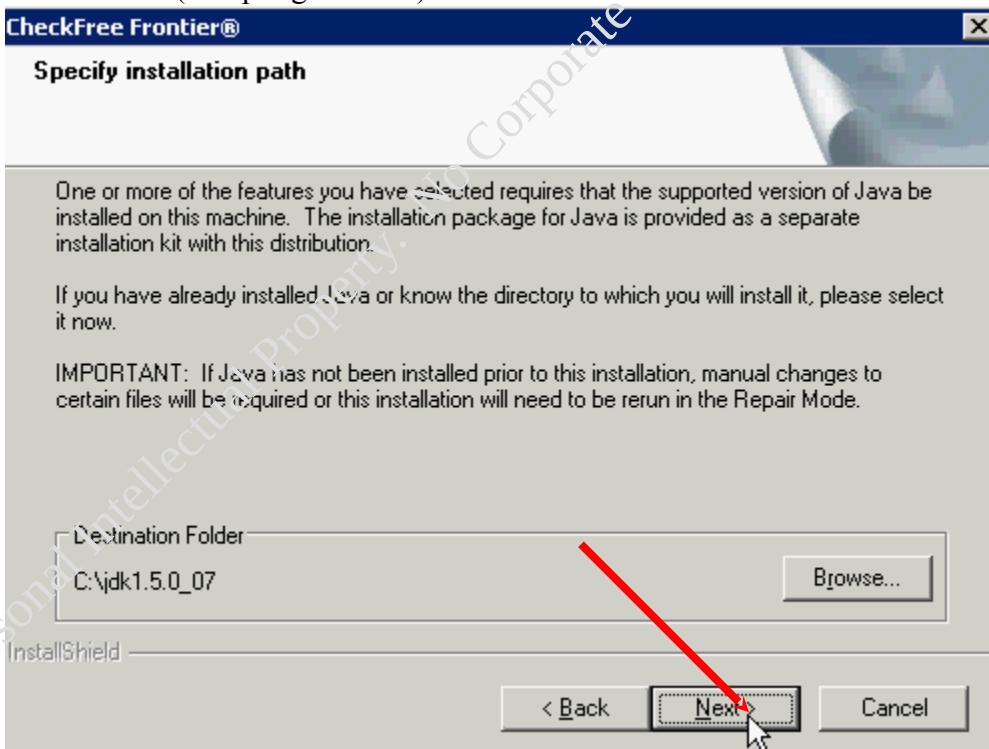
-Change the directory to ‘F’, click ‘ok’

-Click ‘next’

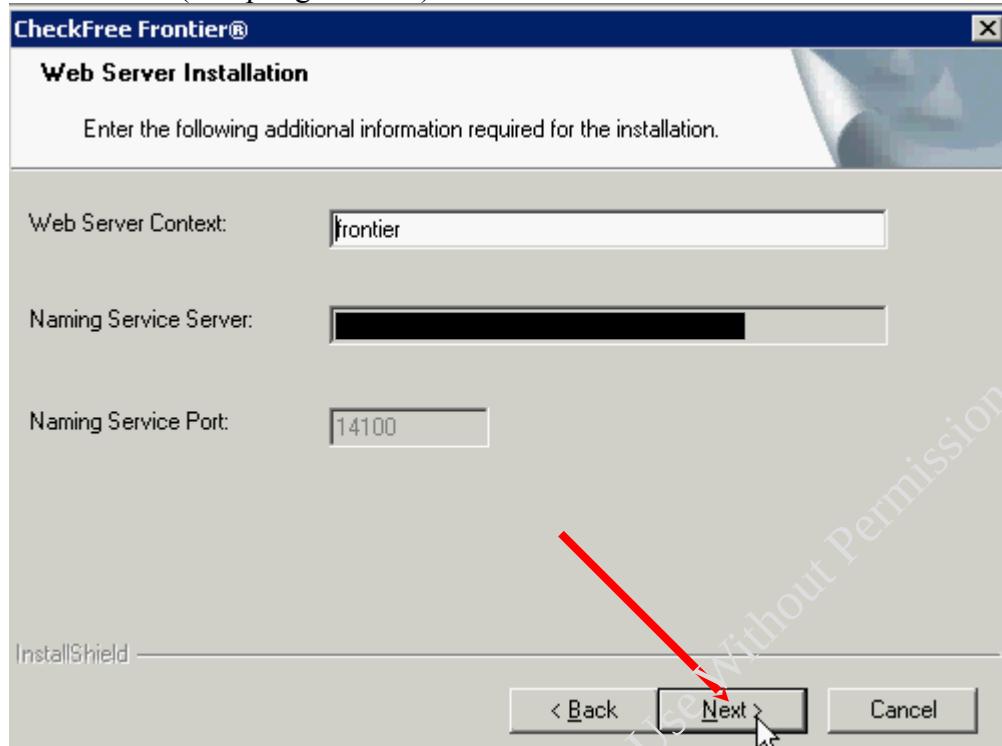




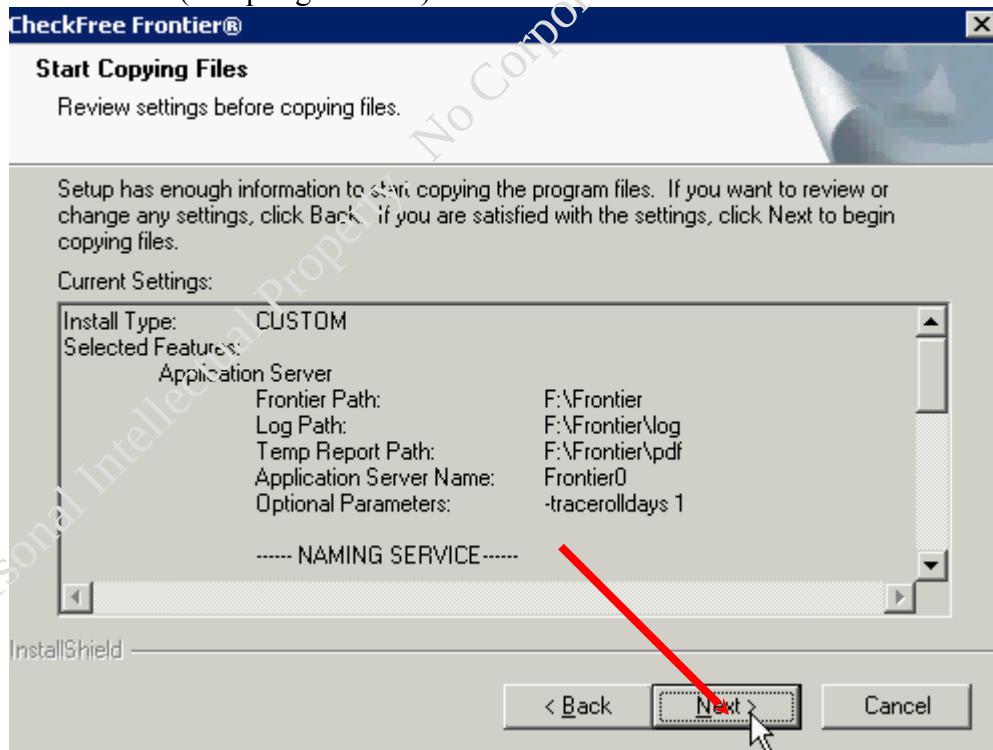
-Click 'next' (accepting defaults)



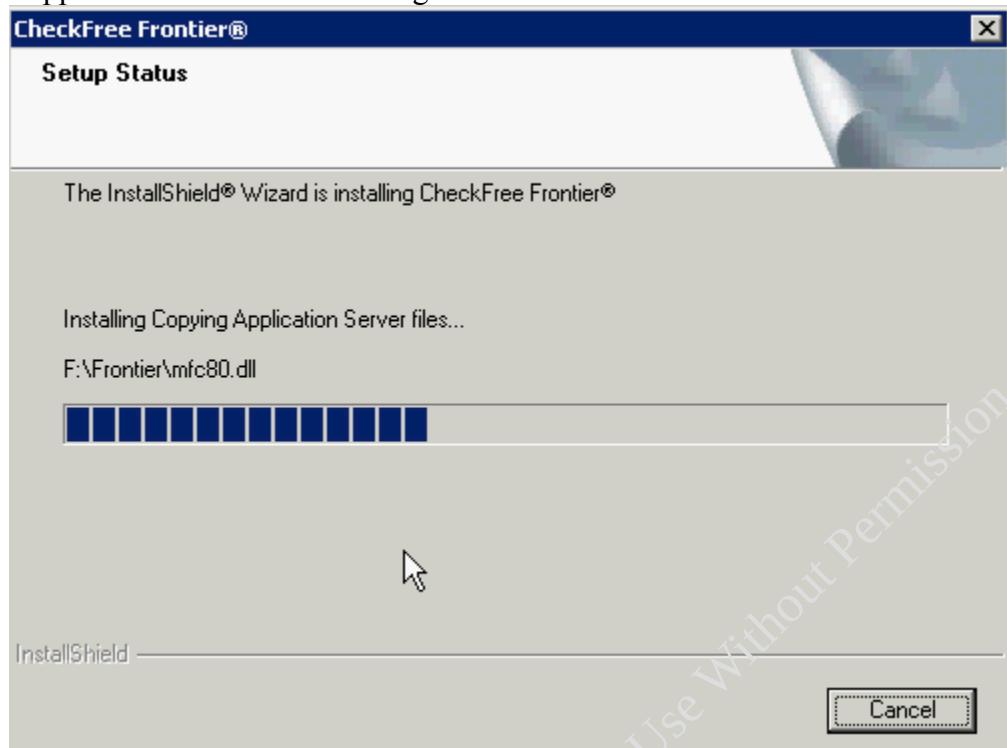
-Click ‘next’ (accepting defaults)



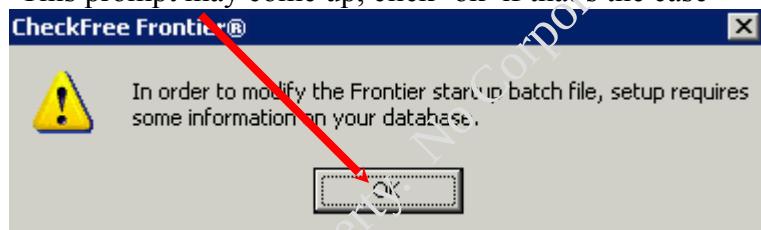
-Click ‘next’ (accepting defaults)



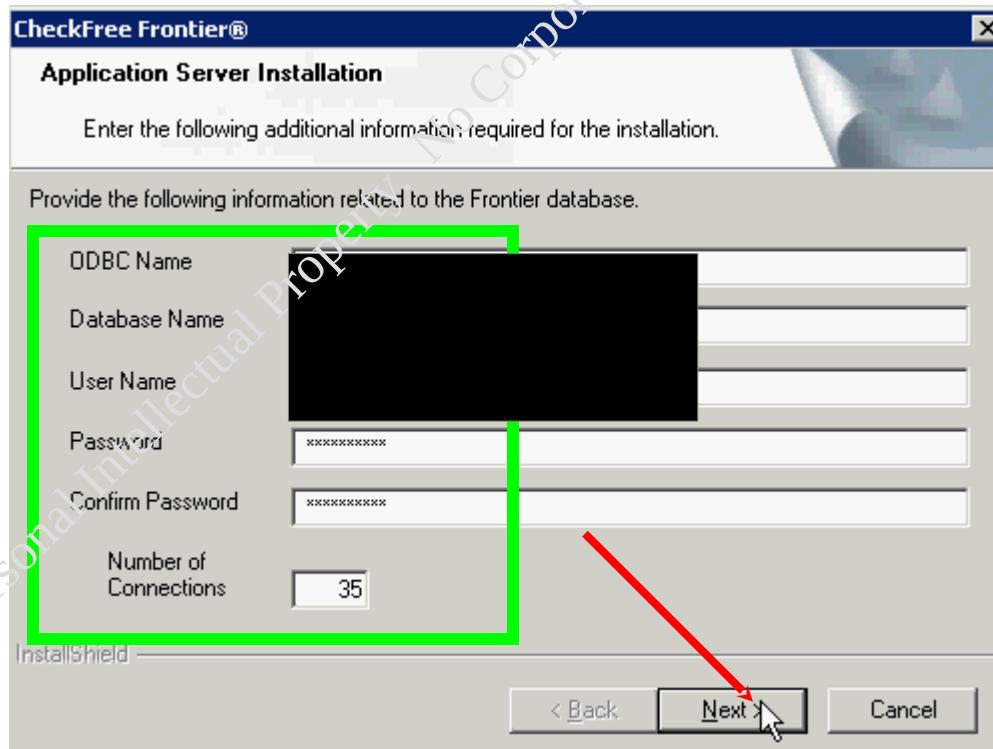
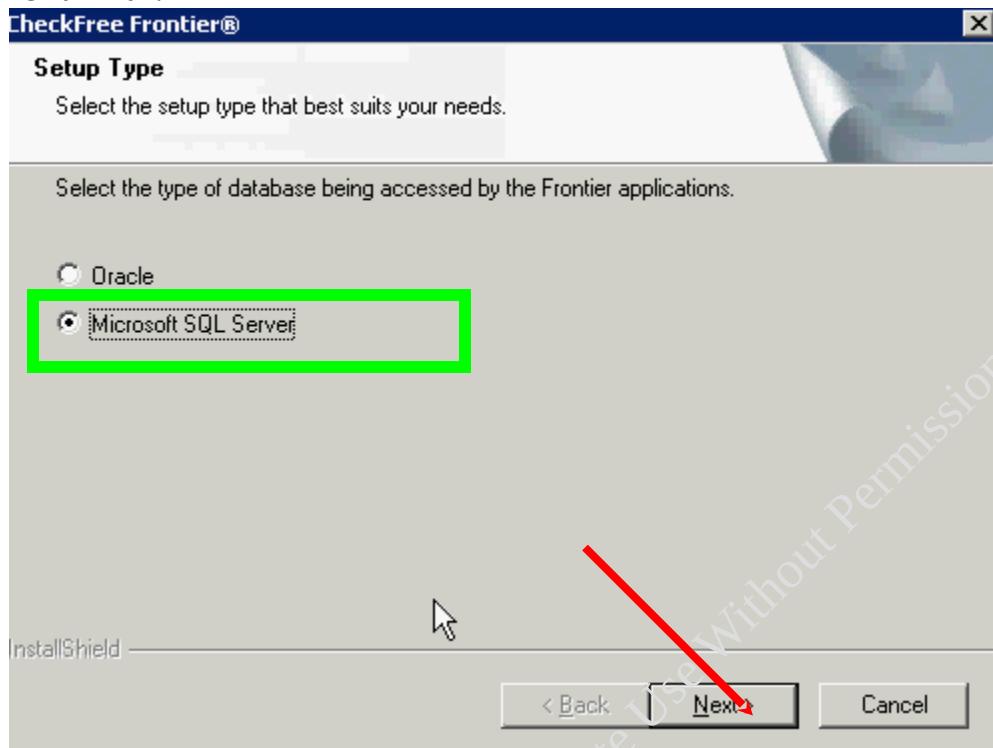
-Application should be installing



-This prompt may come up, click 'ok' if that's the case



- Edit/verify the appropriate information
- Click 'next'

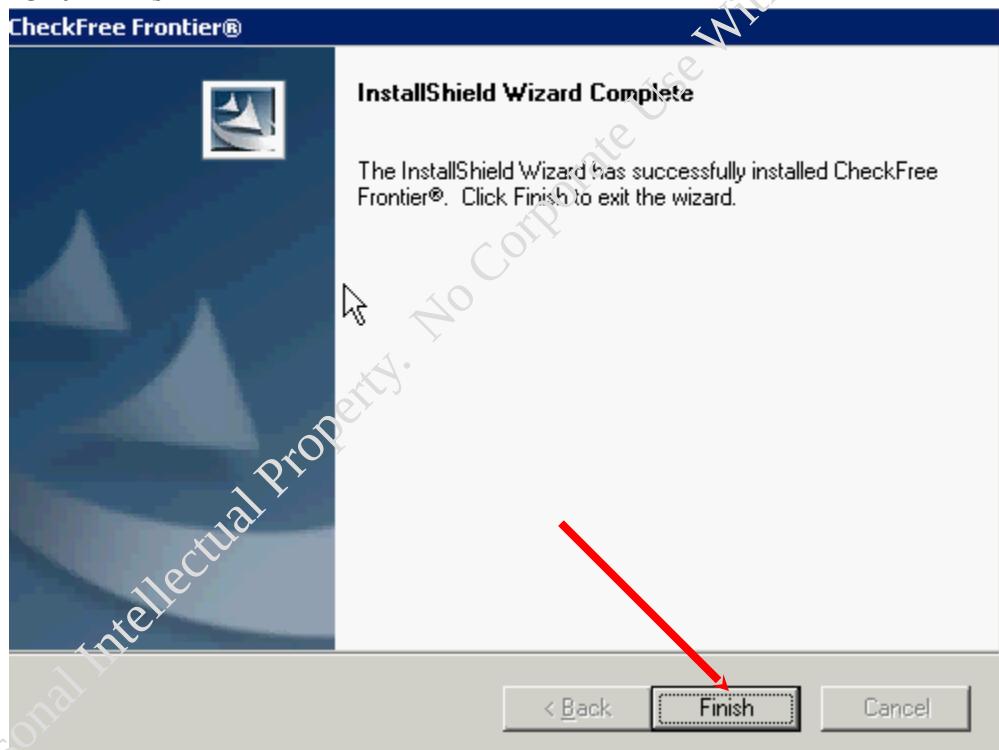


-The console may appear

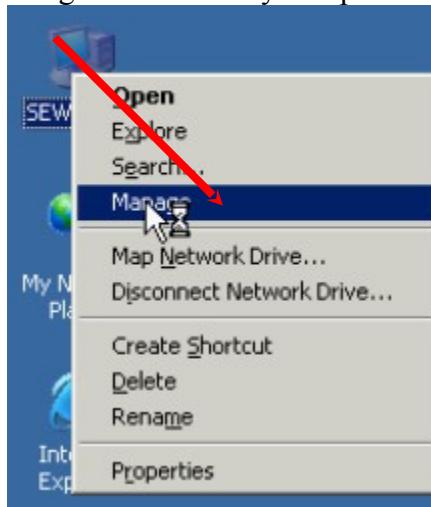


```
F:\Tomcat5.5\webapps\frontier>"C:\jdk1.5.0_07\bin\jar.exe" -xf frontier.war
```

-Click 'finish'



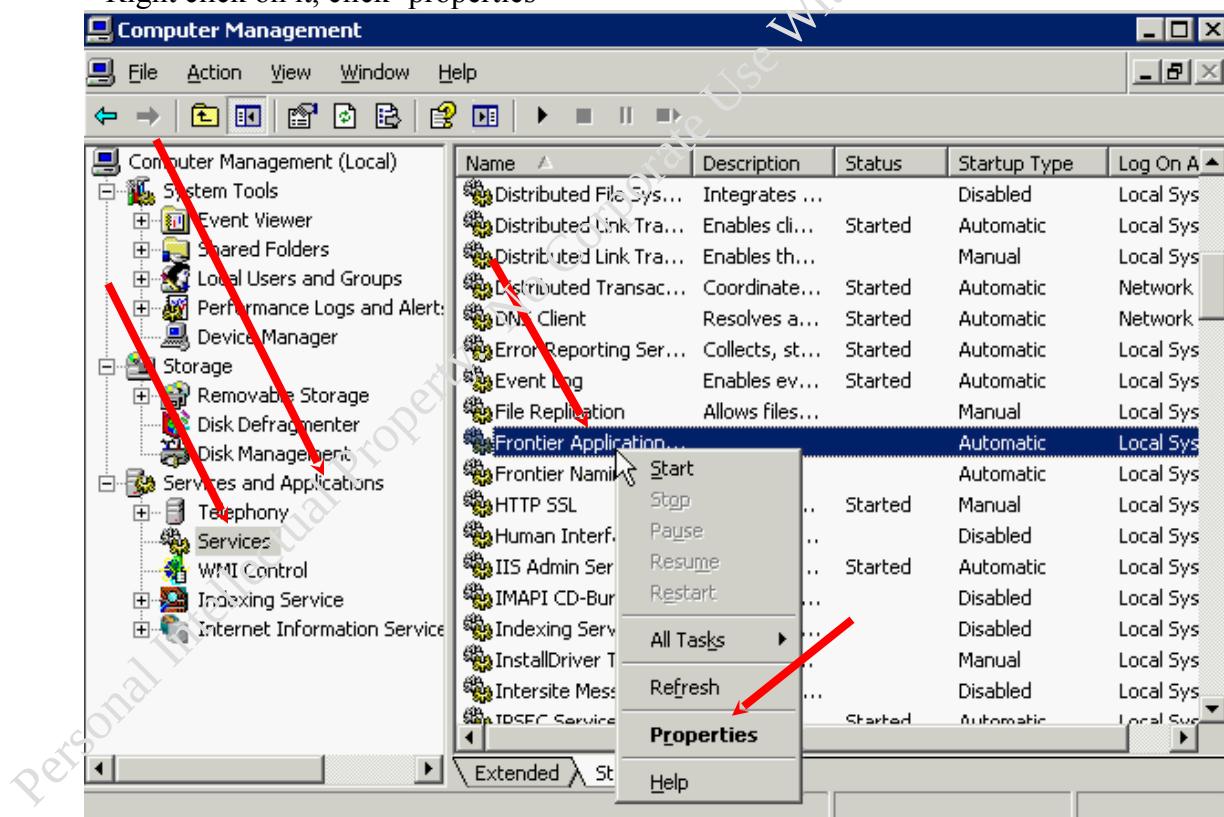
-‘Right click’ on ‘my computer’ click on ‘manage’



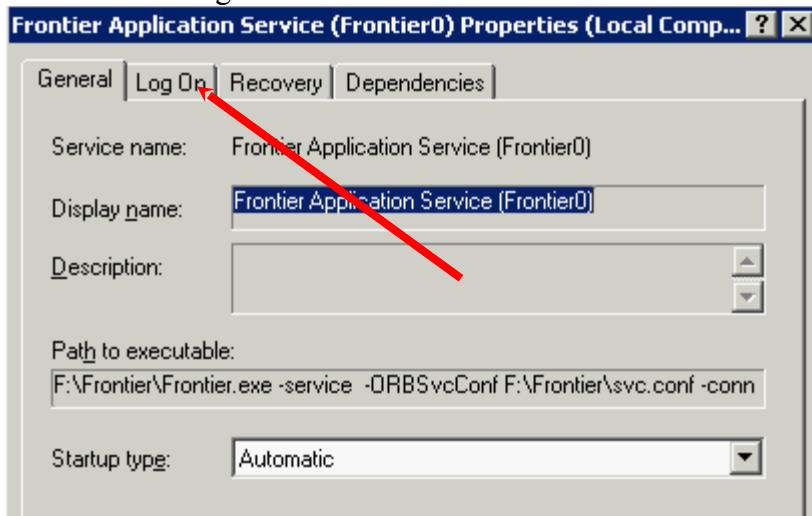
-Under ‘services and applications’, click on ‘services’

-On the right window, scroll to find ‘frontier application’

-‘Right click on it, click ‘properties’



-Click on the 'log on' tab

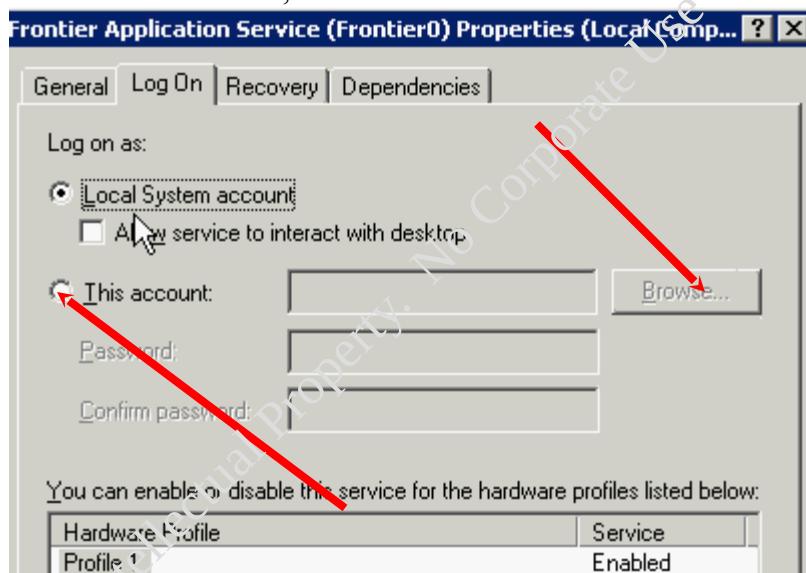


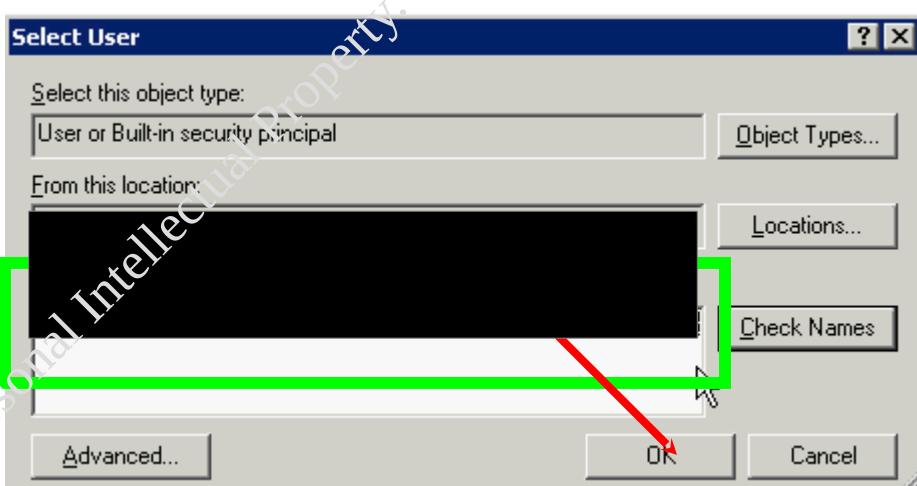
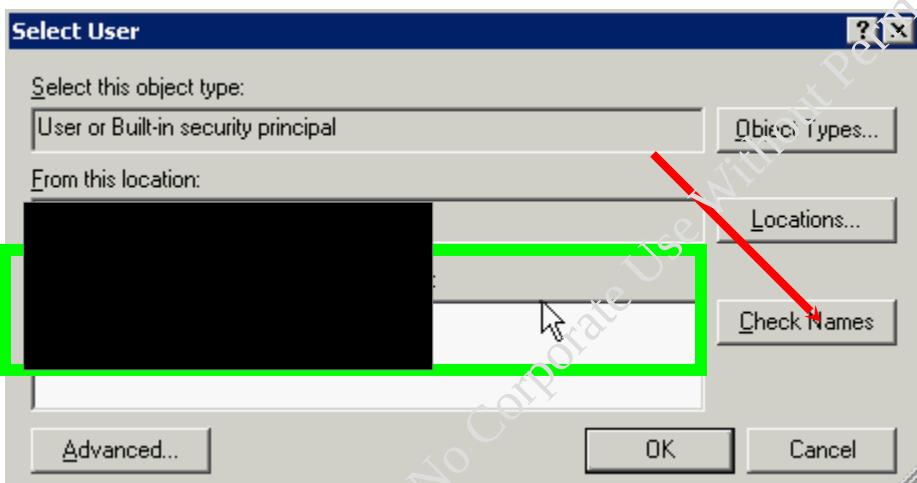
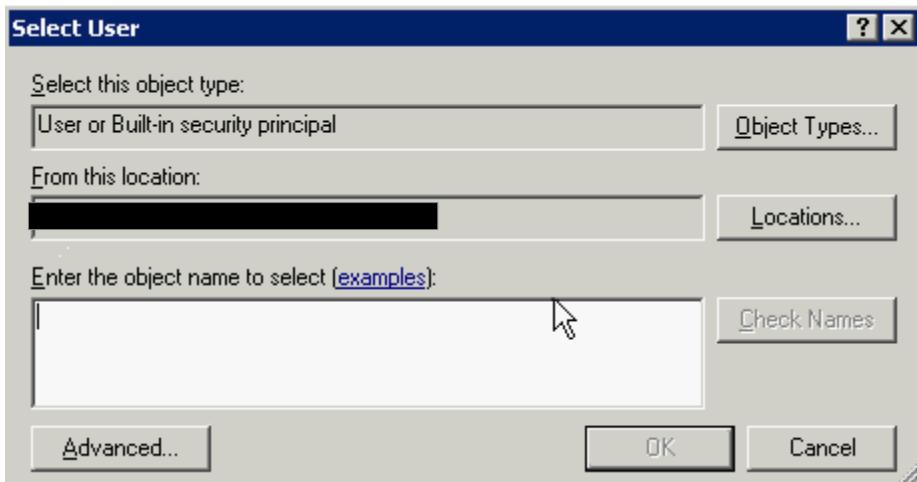
-Click on 'this account'

-Click on 'browse'

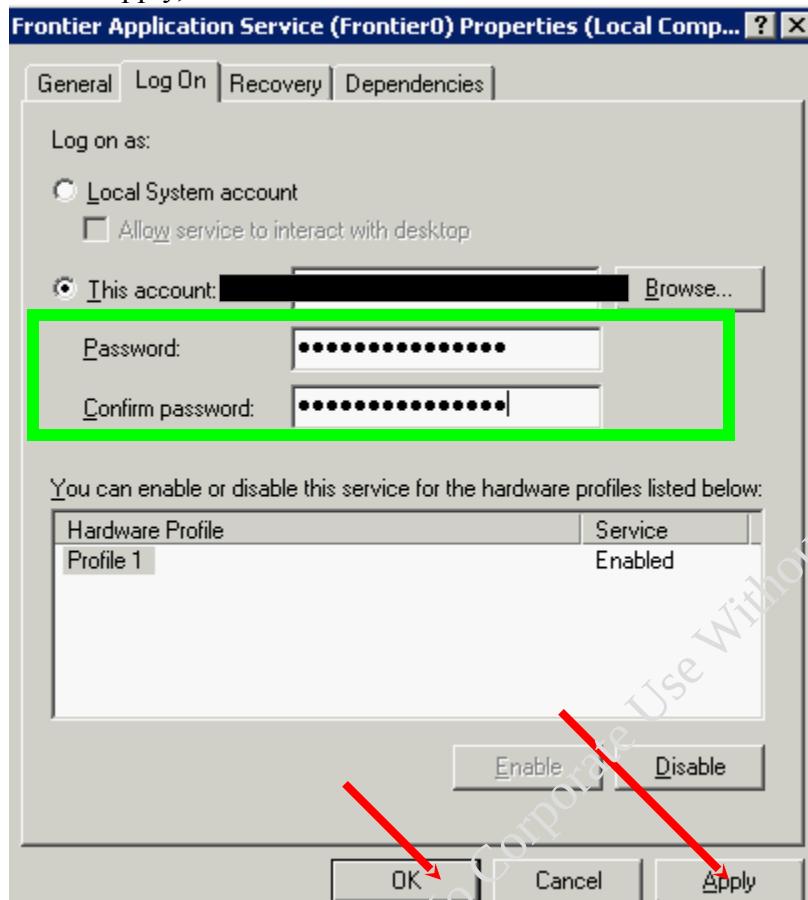
-Edit/update the appropriate fields

-Click 'check names', then 'ok'

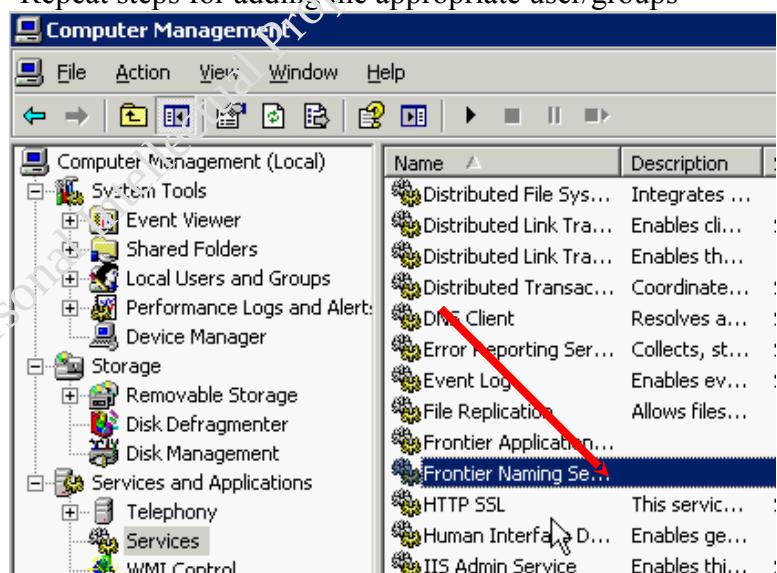


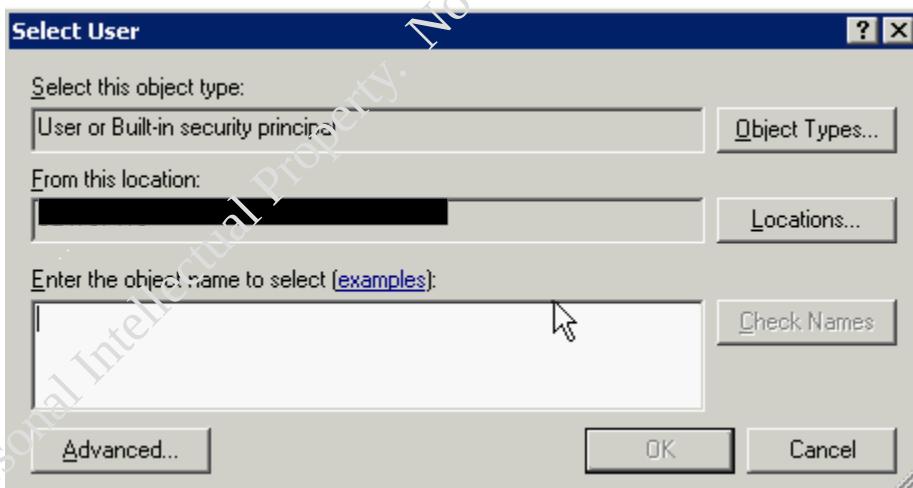
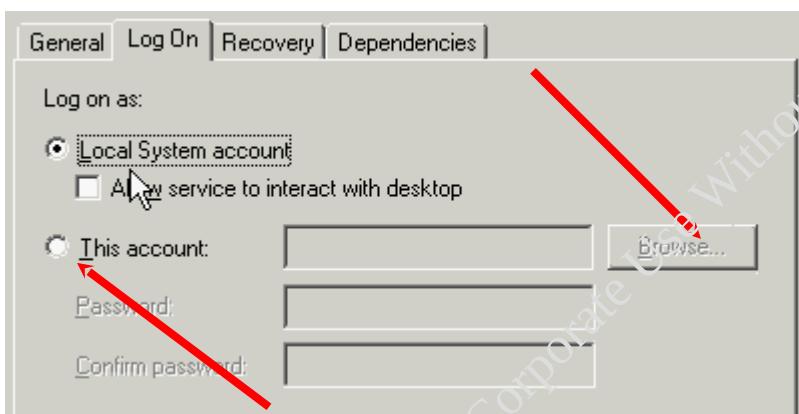
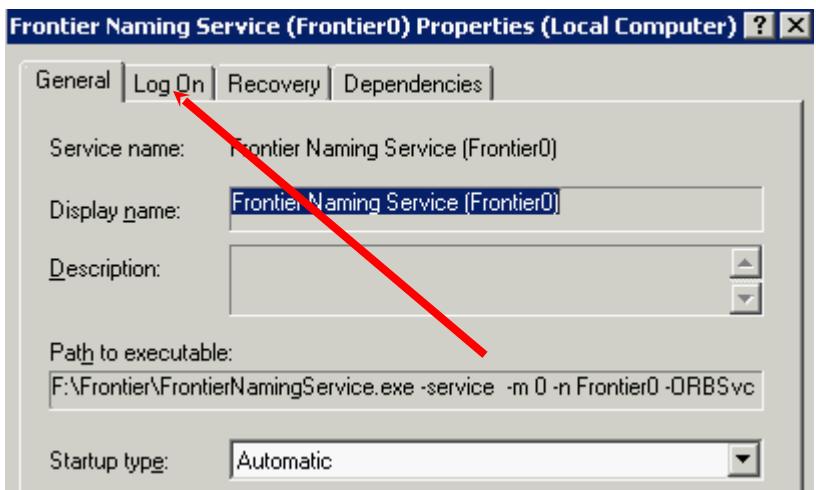


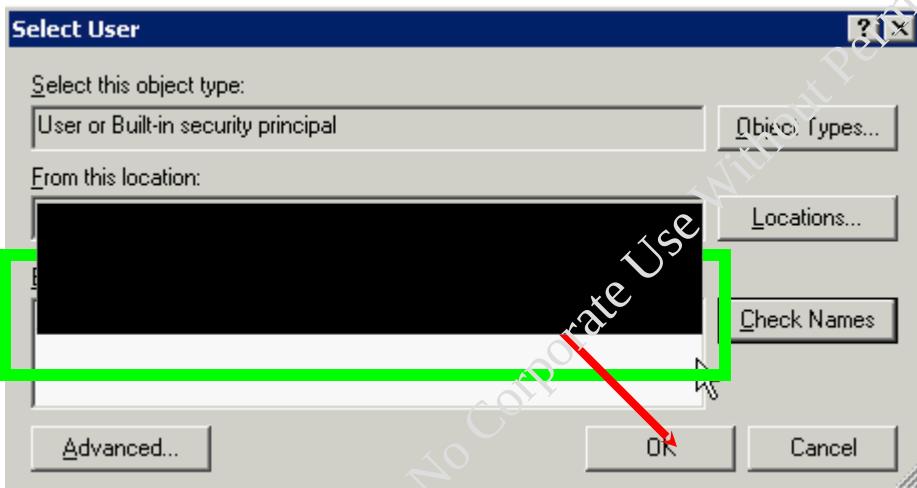
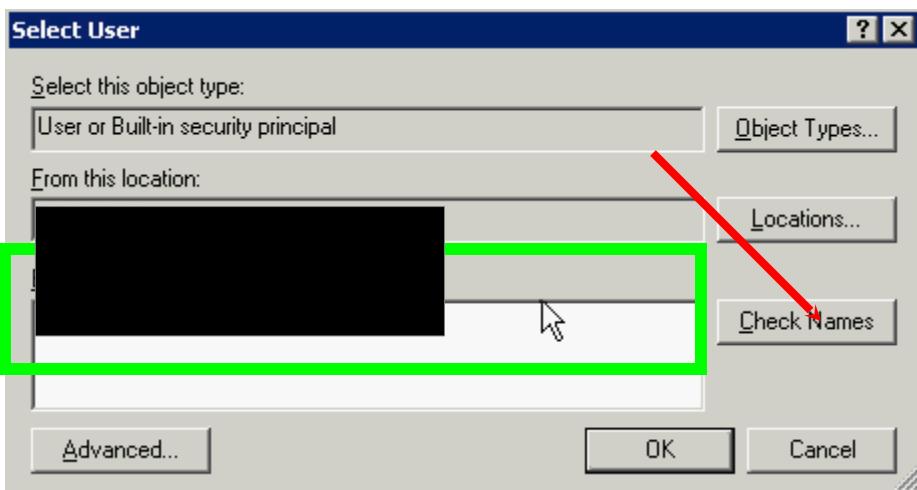
- Edit/update appropriate fields
- Click ‘apply’, then ‘ok’

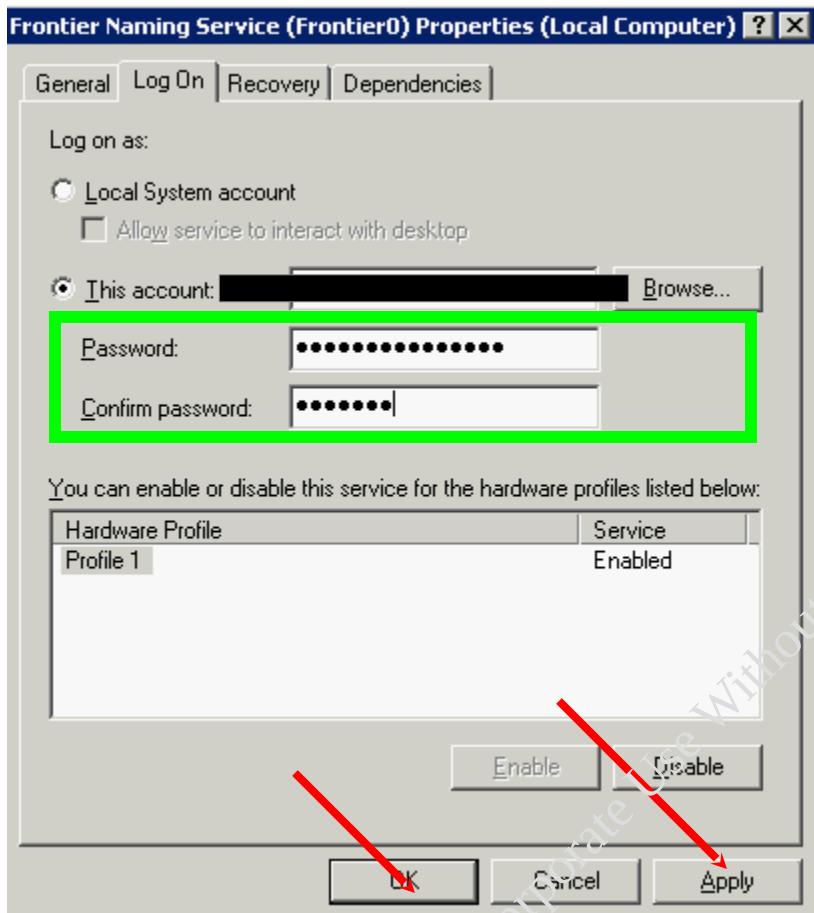


- Find ‘frontier naming service’.
- ‘Right click’ > properties
- Repeat steps for adding the appropriate user/groups

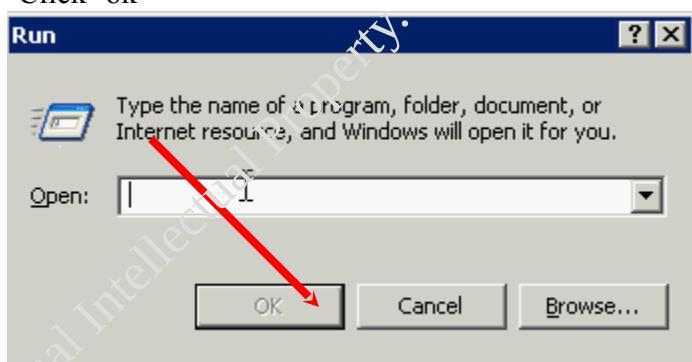






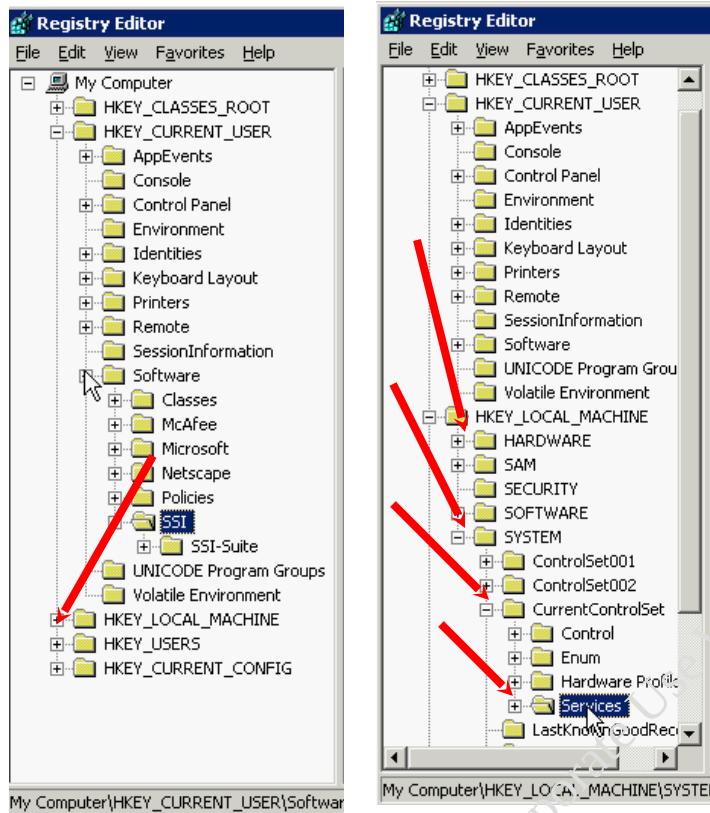


-Start > run, type in 'regedit'
-Click 'ok'

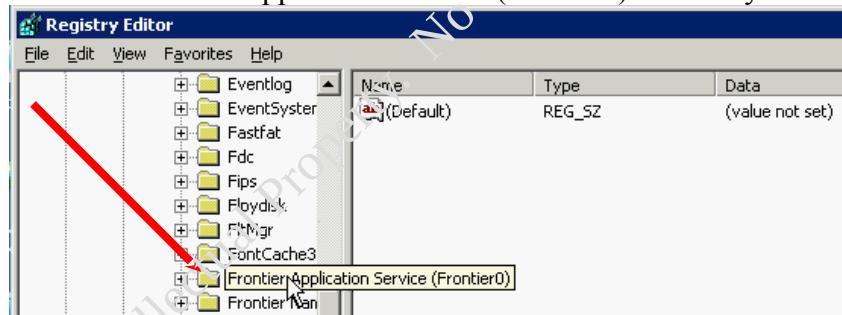


-Navigate to the appropriate directory

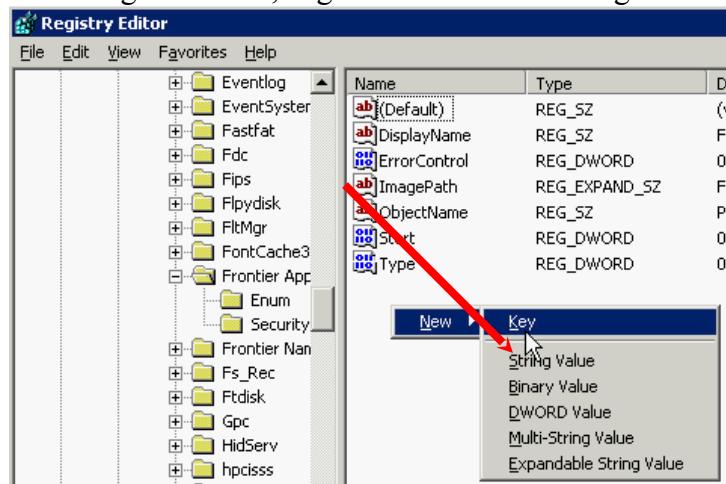
-In this example: hkey_local_machine\system\currentcontrolset\services



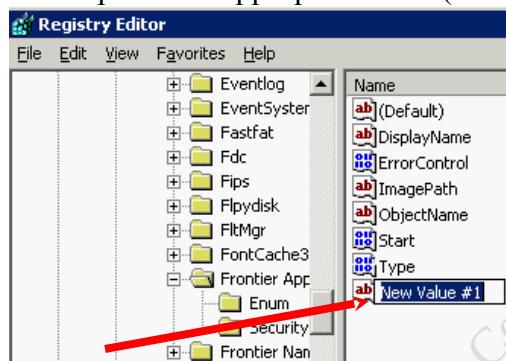
-Find the 'frontier application service (frontier0)' directory



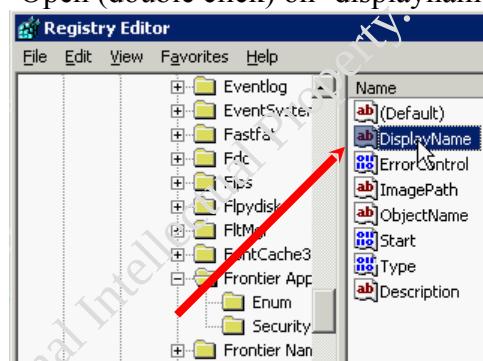
-In the right window, 'right click' > new > string value

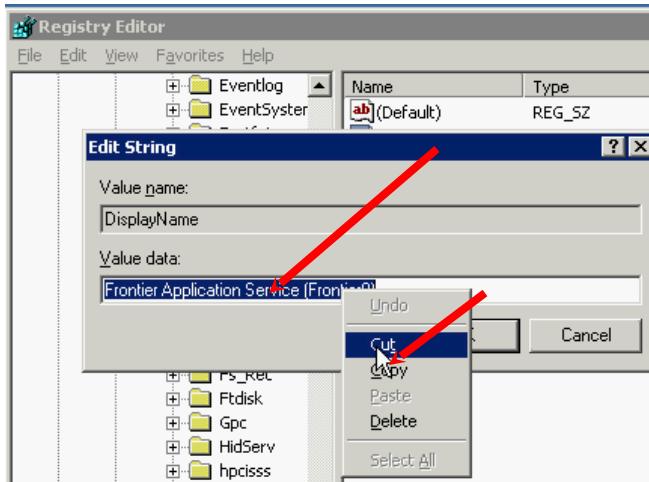


-Edit/update the appropriate field (description)

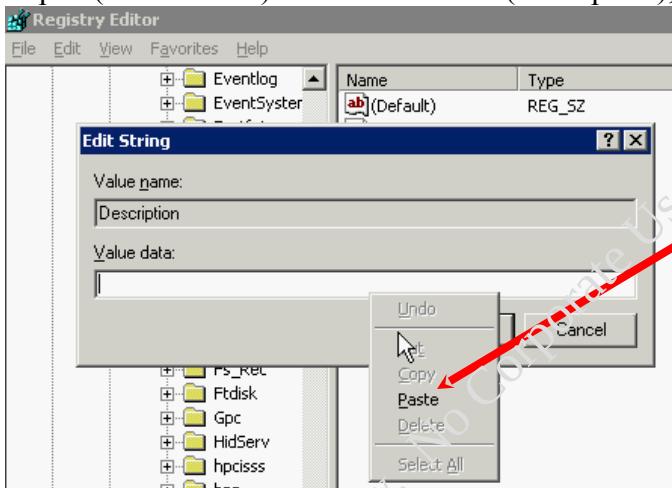


-Open (double click) on 'displayname' to copy the value

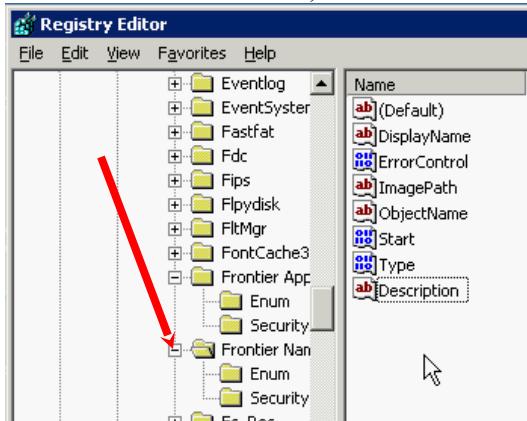




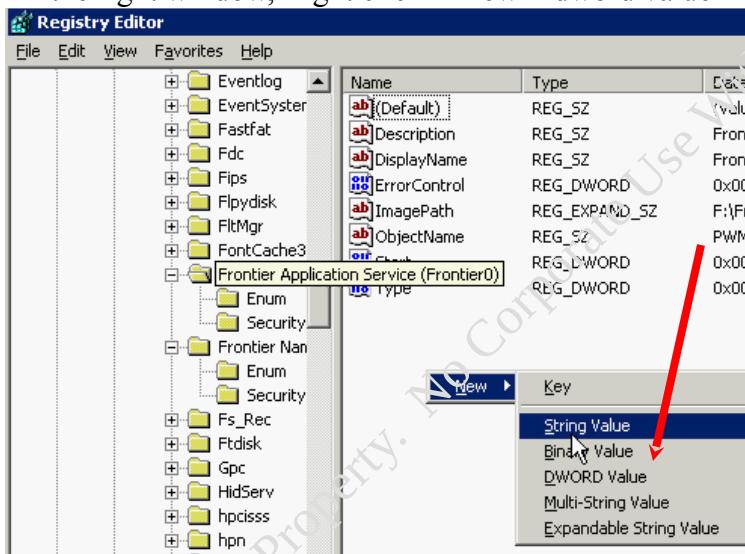
-Open (double click) on the new value (description), ‘paste’ the copied value



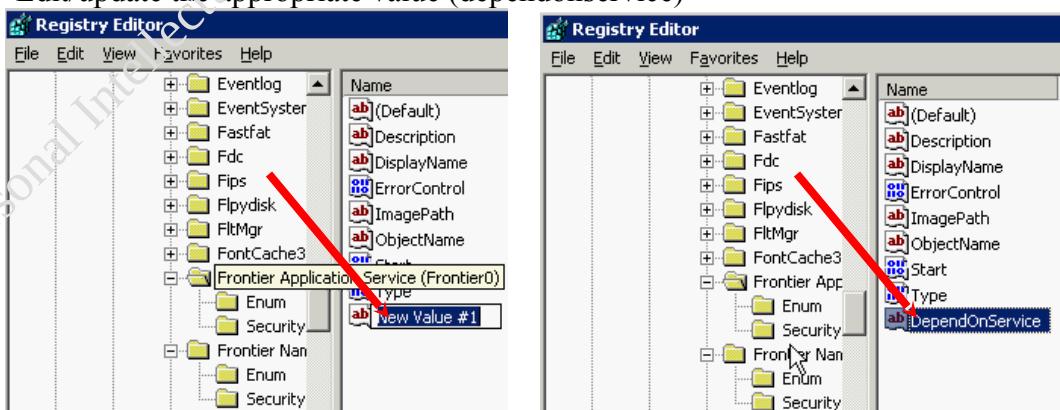
- Find the ‘frontier naming’ directory
- Repeat for frontier naming (copy description of string name for display name and paste in for new value)



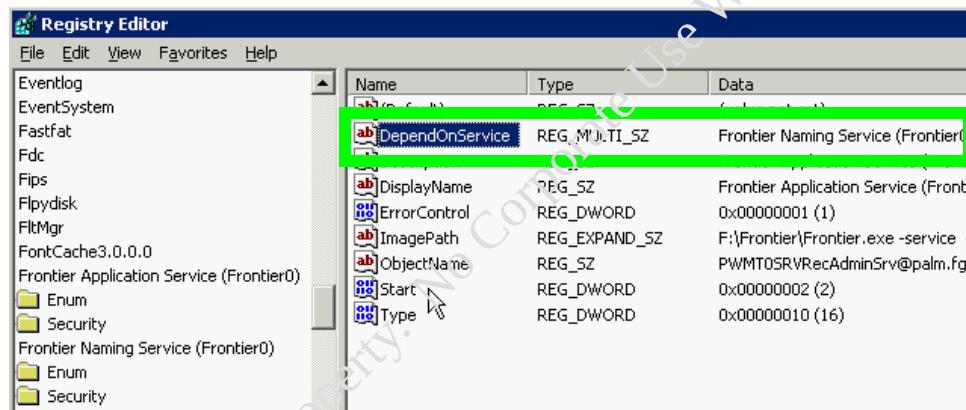
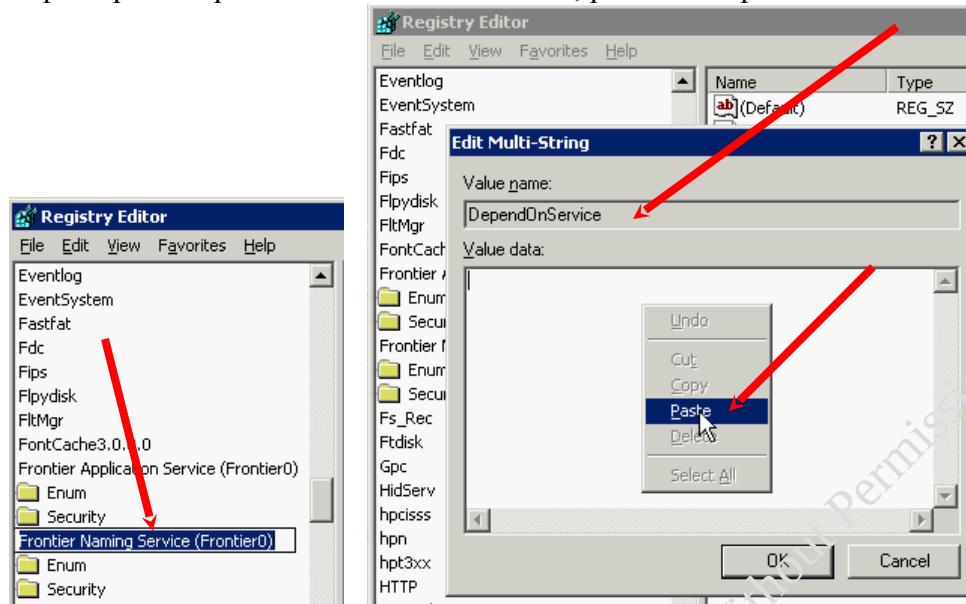
- In the right window, ‘right click’ > new > dword value



- Edit/update the appropriate value (dependonservice)

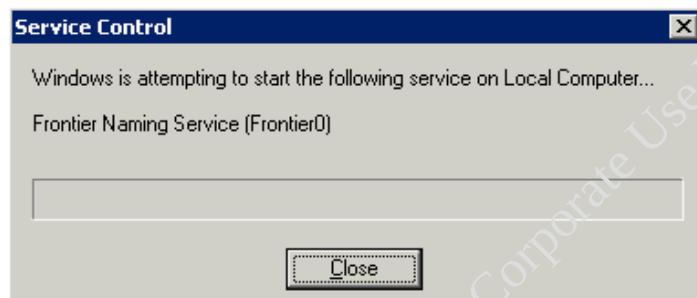
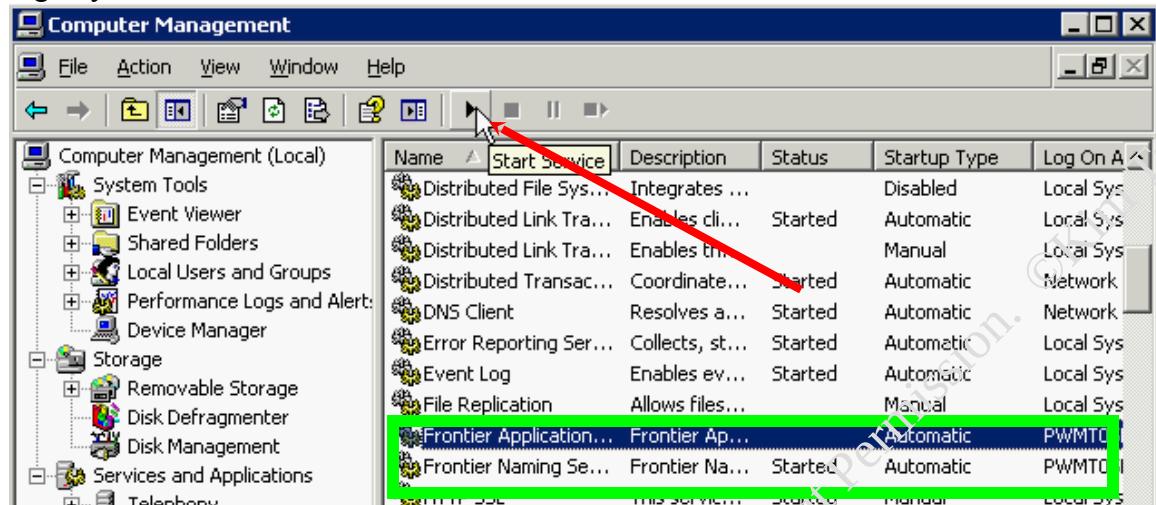


- Copy the frontier naming service (frontier0) folder (name only, not contents)
- Open up the dependonservice' dword value, paste the copied value

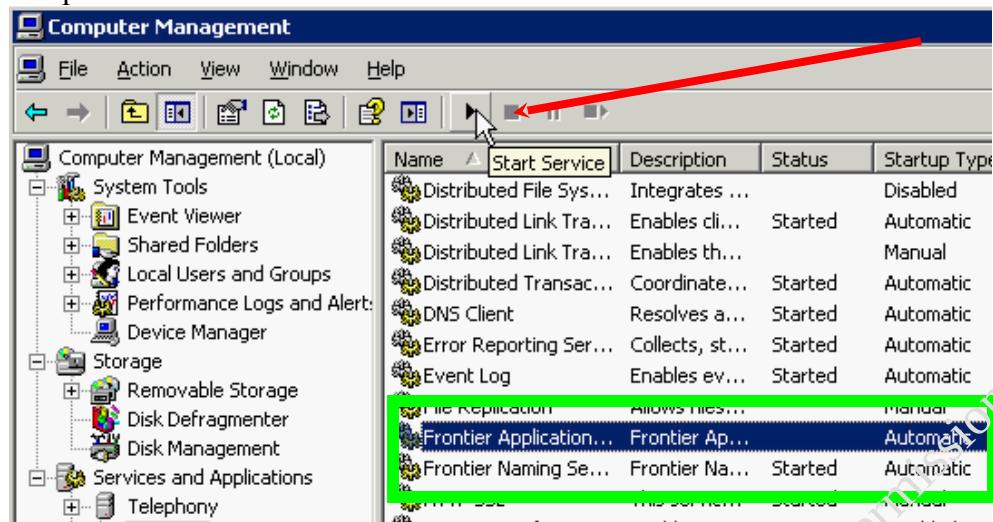


-Go back to ‘computer management’

-Start/restart the ‘frontier application’ and ‘frontier naming’ services to refresh the registry entries



-Stop the services

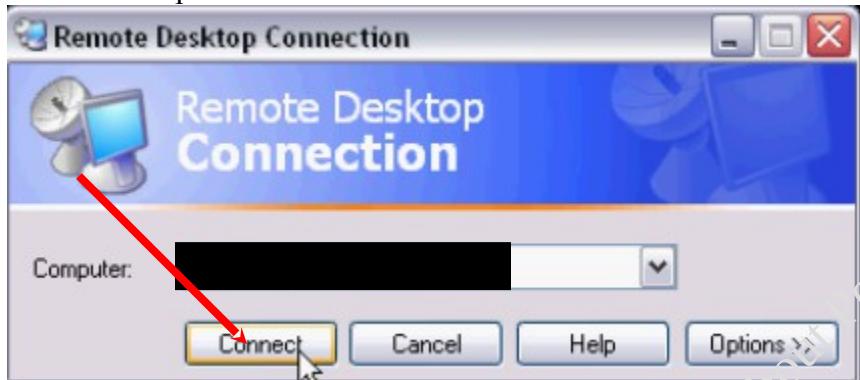


-When done, close all applications/windows, then log off

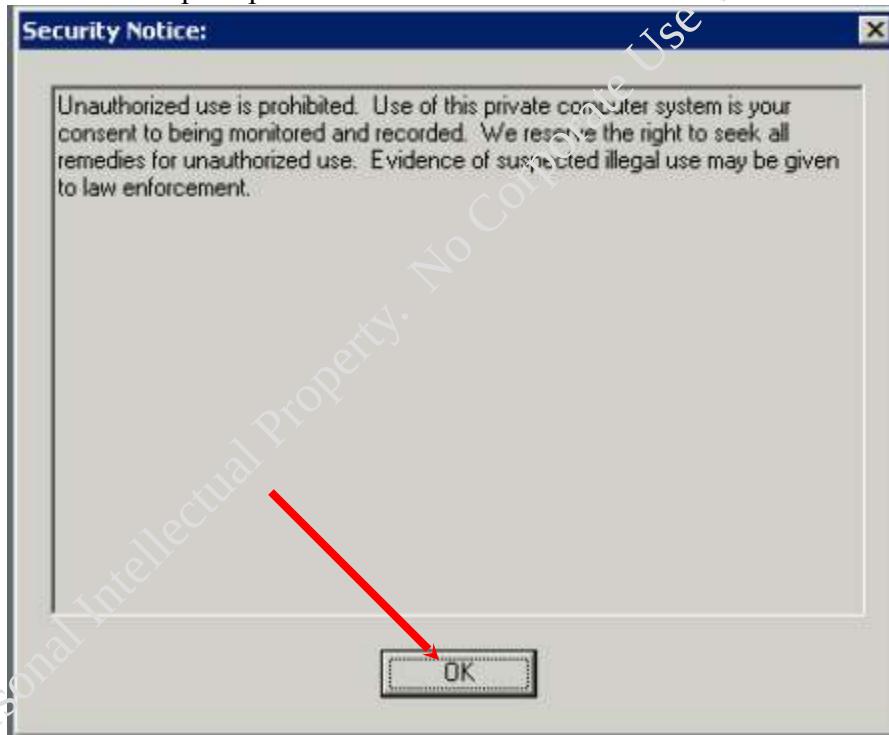
FRS-Frontier – 18 – IIS configurations

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted

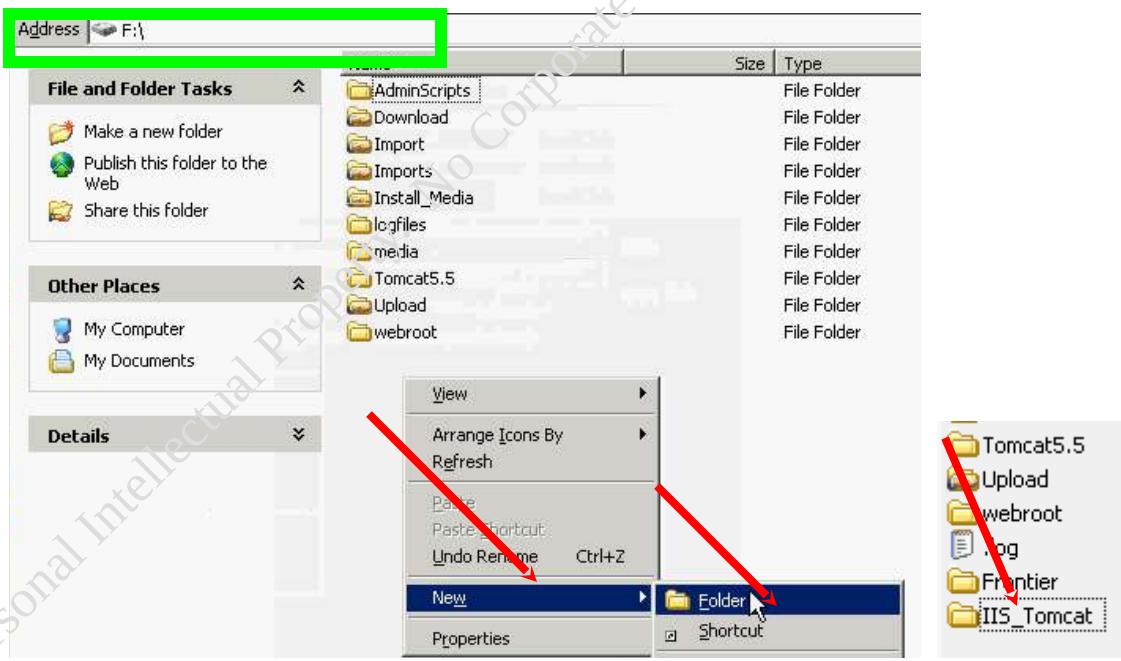


-Enter credentials to log in



-Navigate to the appropriate directory, in this example: F:\

- Create a new folder
- ‘Right click’ > new > folder
- Rename the folder (iis_tomcat)

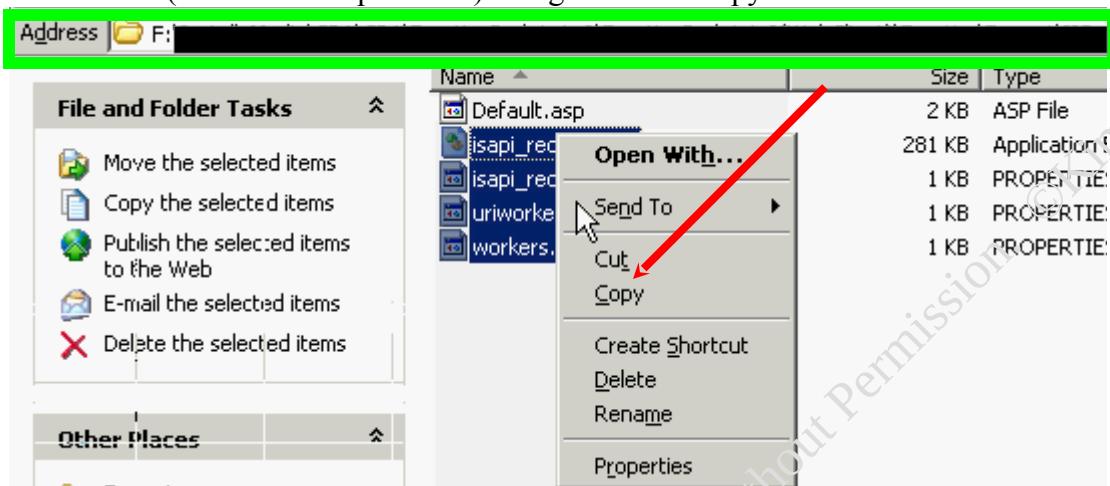


-Navigate to the appropriate directory, in this example:

- f:\frontier\tomcat\iis

-Copy all the files except 'default.asp'

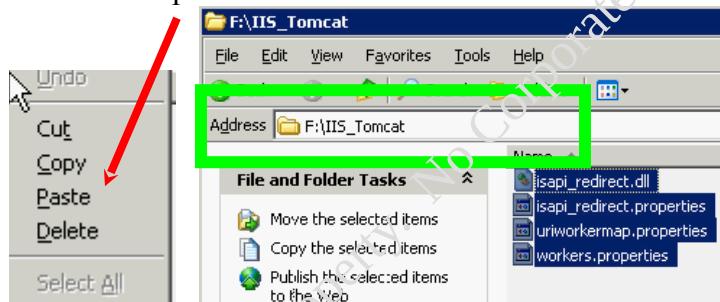
-‘Ctrl click’ (to select multiple items) > ‘right click’ > copy



-Navigate to the appropriate directory, in this example:

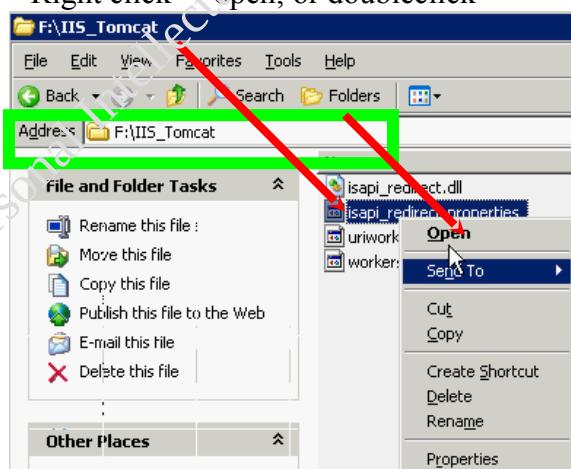
- f:\iis_tomcat

-Paste the copied files

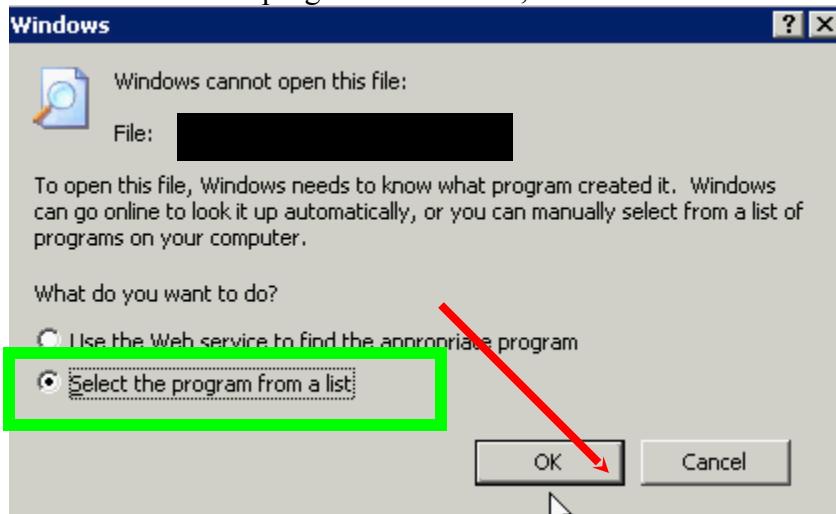


-Open the 'isapi_redirect.properties' file

-‘Right click’ > open; or doubleclick

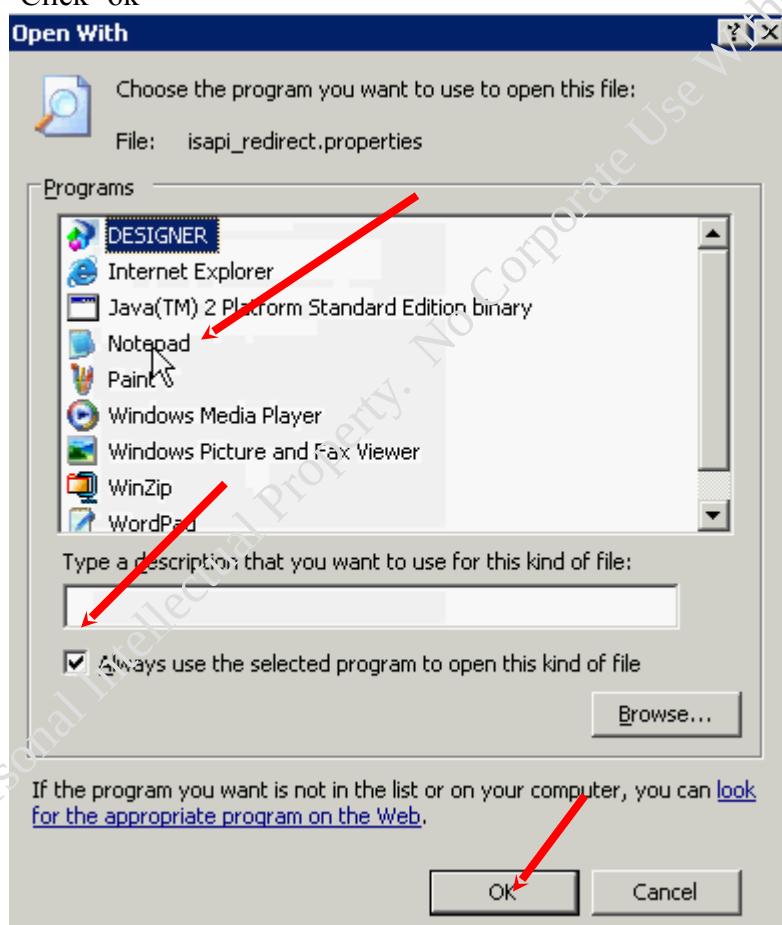


-Choose ‘select the program from a list’, click ‘ok’



-In this case, chose ‘notepad’, and UNcheck the ‘always use the selected program...’

-Click ‘ok’



```
File Edit Format View Help
# Configuration file for the Jakarta ISAPI Redirector
# The path to the ISAPI Redirector Extension, relative to the website
# This must be in a virtual directory with execute privileges
extension_uri=/jakarta/isapi_redirect.dll

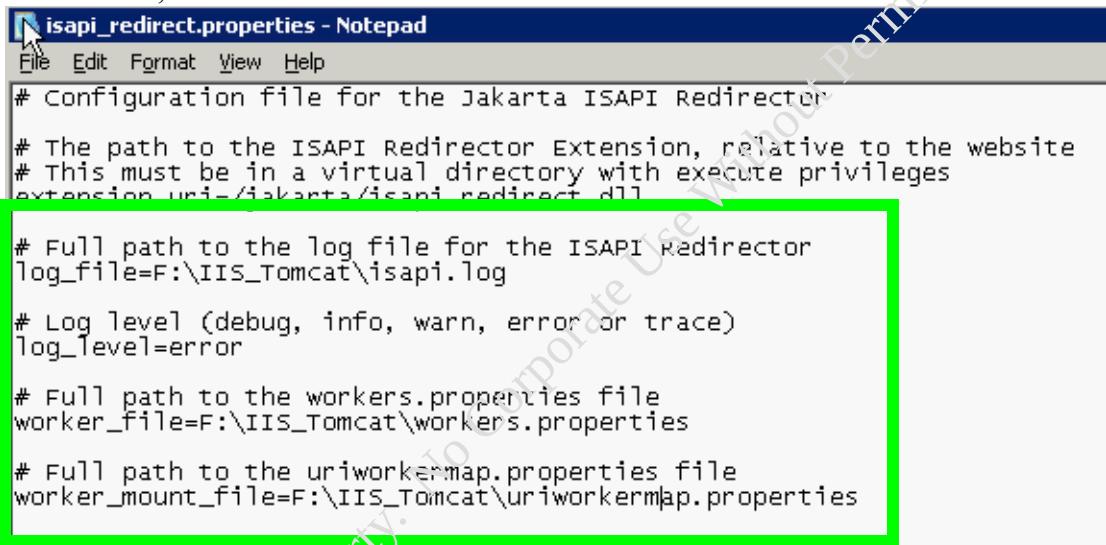
# Full path to the log file for the ISAPI Redirector
log_file=c:\iis_tomcat\isapi.log

# Log level (debug, info, warn, error or trace)
log_level=error

# Full path to the workers.properties file
worker_file=c:\iis_tomcat\workers.properties

# Full path to the uriworkermap.properties file
worker_mount_file=c:\iis_tomcat\uriworkermap.properties
```

- Edit/correct the appropriate sections, then save and close
- File > save; File > close/exit



```
isapi_redirect.properties - Notepad
File Edit Format View Help
# Configuration file for the Jakarta ISAPI Redirector
# The path to the ISAPI Redirector Extension, relative to the website
# This must be in a virtual directory with execute privileges
extension_uri=/jakarta/isapi_redirect.dll

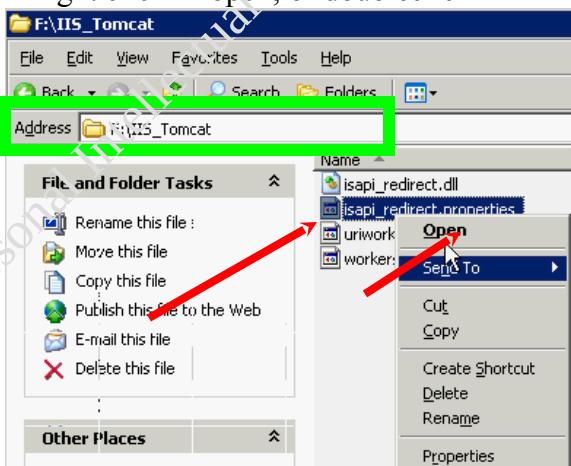
# Full path to the log file for the ISAPI Redirector
log_file=F:\IIS_Tomcat\isapi.log

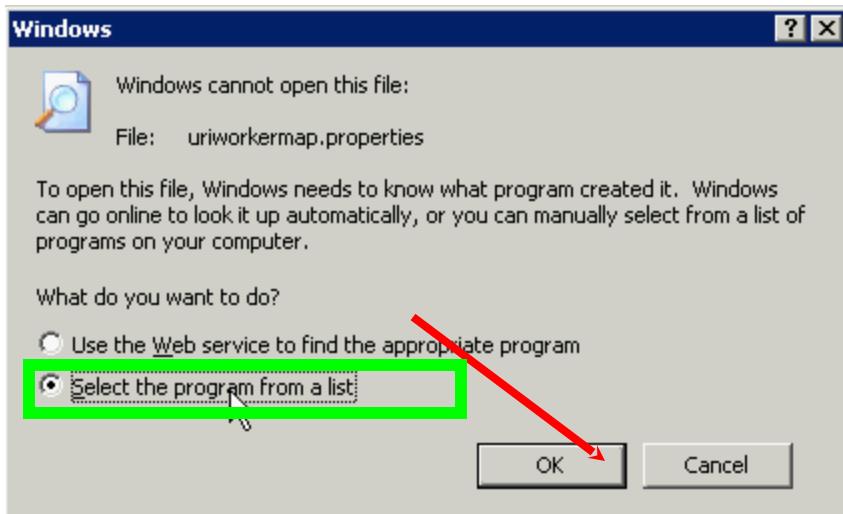
# Log level (debug, info, warn, error or trace)
log_level=error

# Full path to the workers.properties file
worker_file=F:\IIS_Tomcat\workers.properties

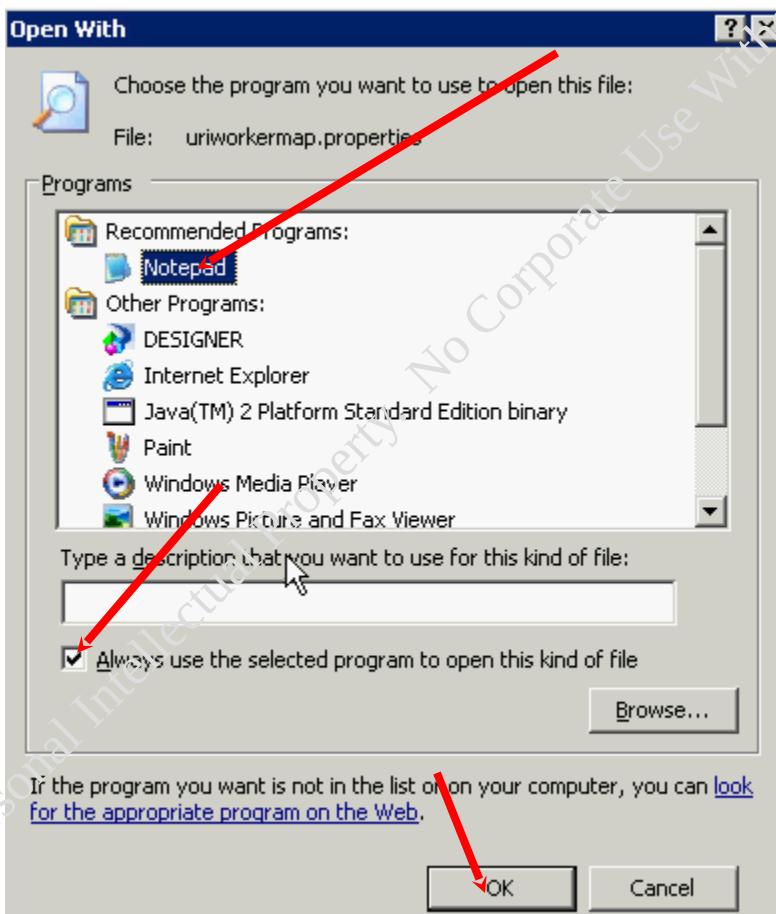
# Full path to the uriworkermap.properties file
worker_mount_file=F:\IIS_Tomcat\uriworkermap.properties
```

- Open the 'uriworkermap.properties' file
- ‘Right click’ > open; or doubleclick

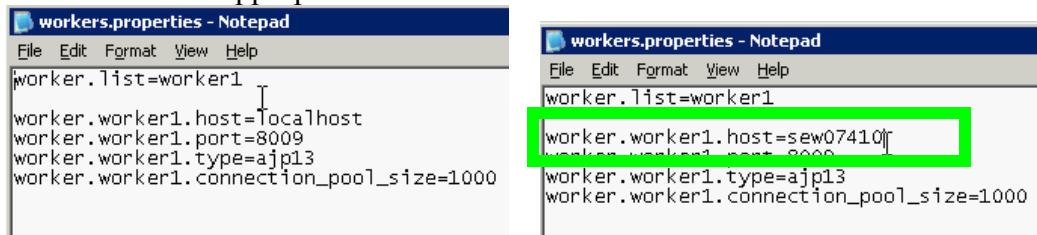




- In this case, chose 'notepad', and leave the 'always use selected program...' checked
- Click 'ok'



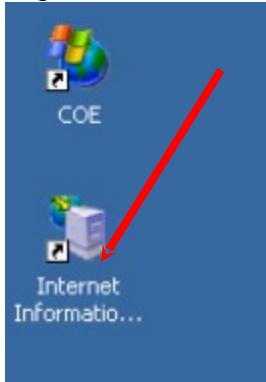
-Edit/correct the appropriate sections



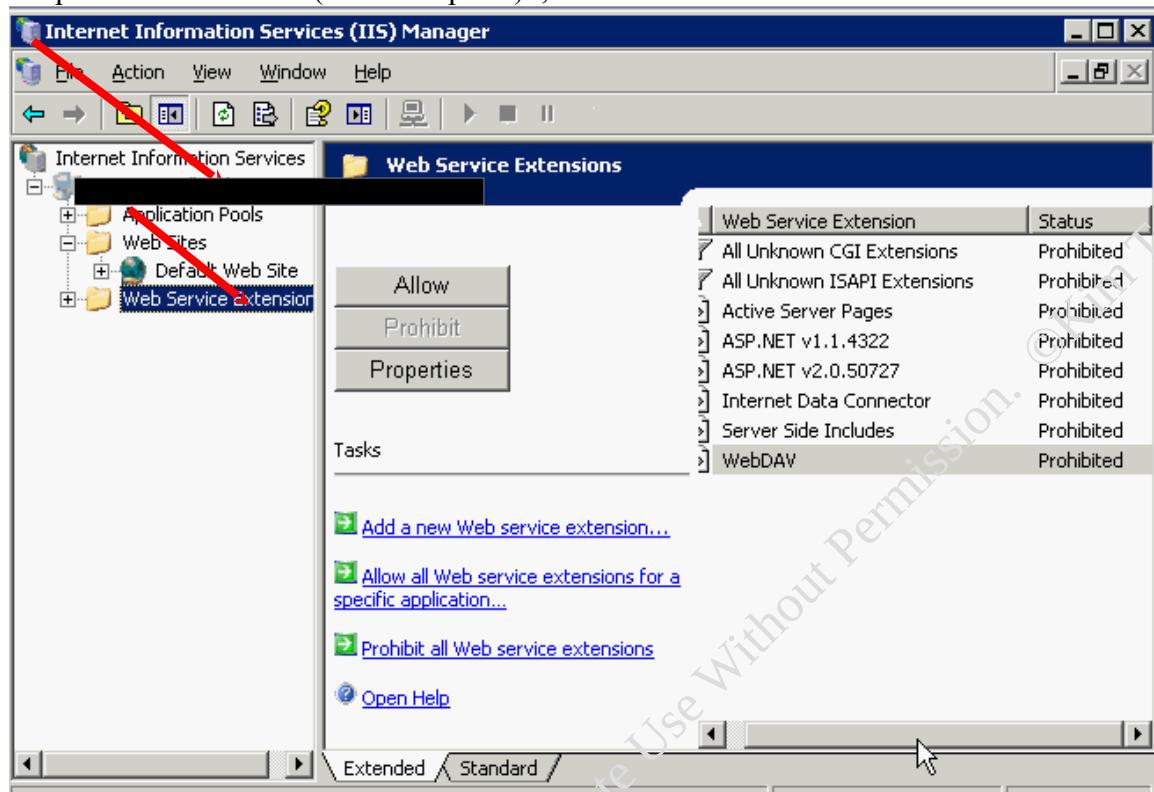
```
workers.properties - Notepad
File Edit Format View Help
worker.list=worker1
worker.worker1.host=localhost
worker.worker1.port=8009
worker.worker1.type=ajp13
worker.worker1.connection_pool_size=1000
```

```
workers.properties - Notepad
File Edit Format View Help
worker.list=worker1
[worker.worker1.host=sew07410] [highlighted]
worker.worker1.port=8009
worker.worker1.type=ajp13
worker.worker1.connection_pool_size=1000
```

-Open ‘internet information services manager’ (should be an icon on the desktop)

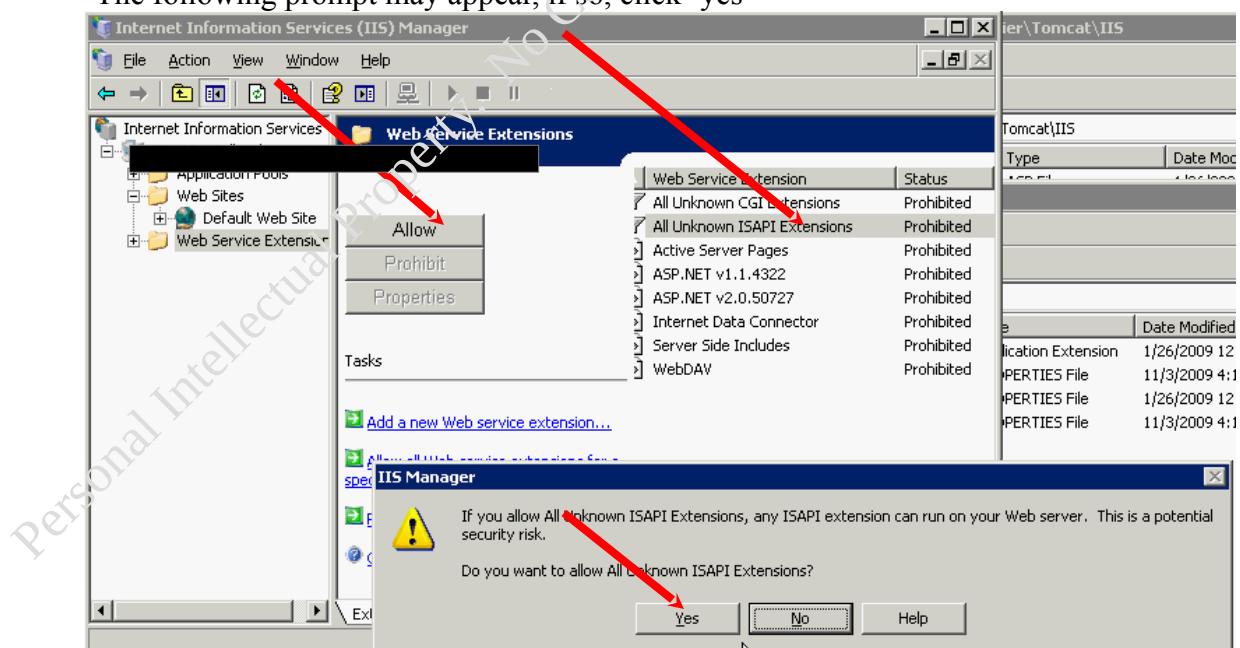


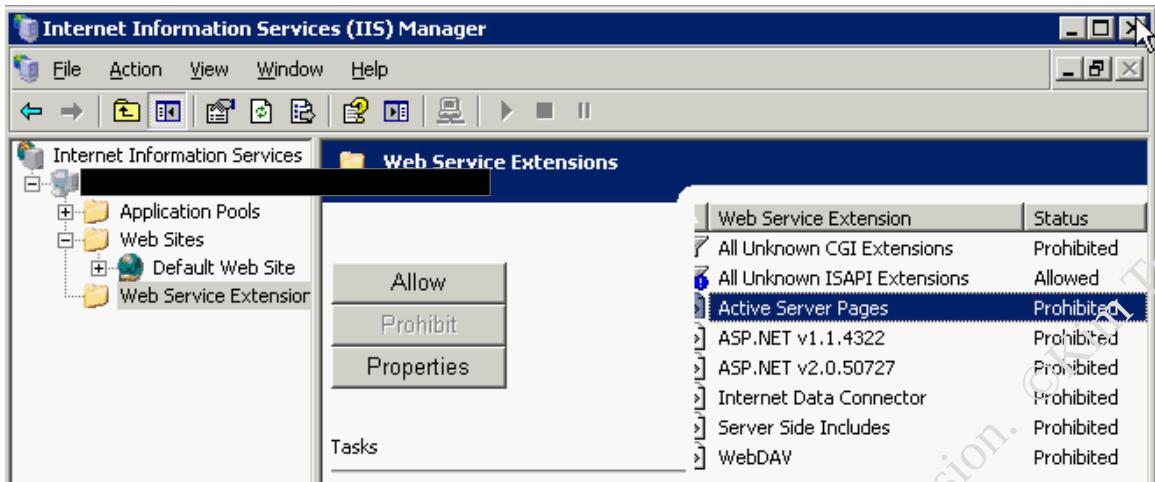
-Expand the ‘sew07410(local computer)’, click on ‘web service extensions’



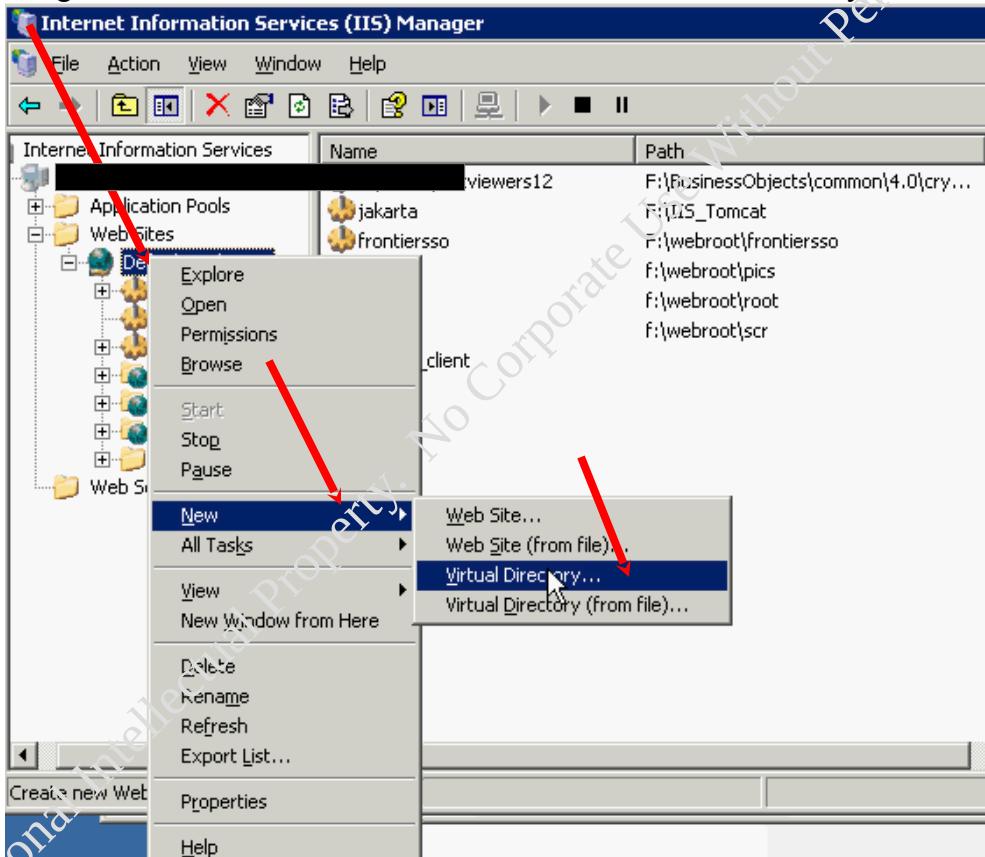
-In the right window, click on ‘all unknown isapi extensions, click ‘allow’

-The following prompt may appear, if so, click ‘yes’





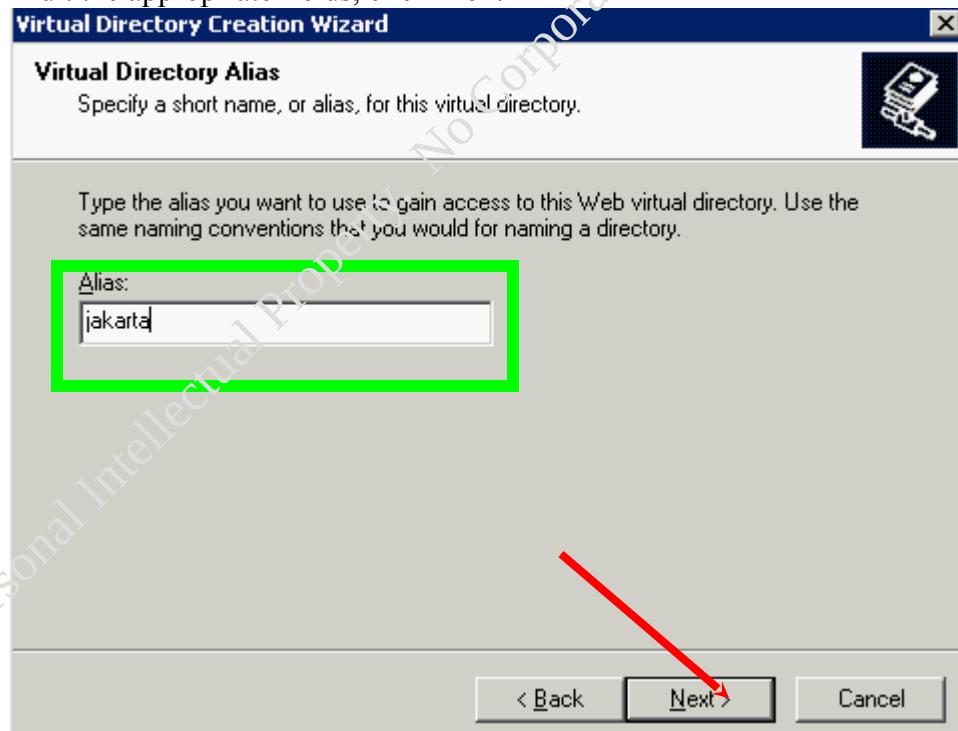
-‘Right click’ on ‘default web extensions’ > new > virtual directory



-Click ‘next’

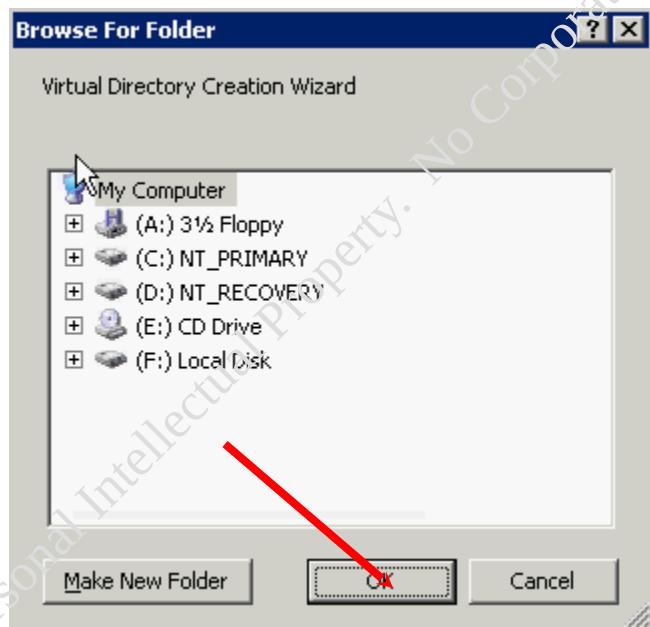
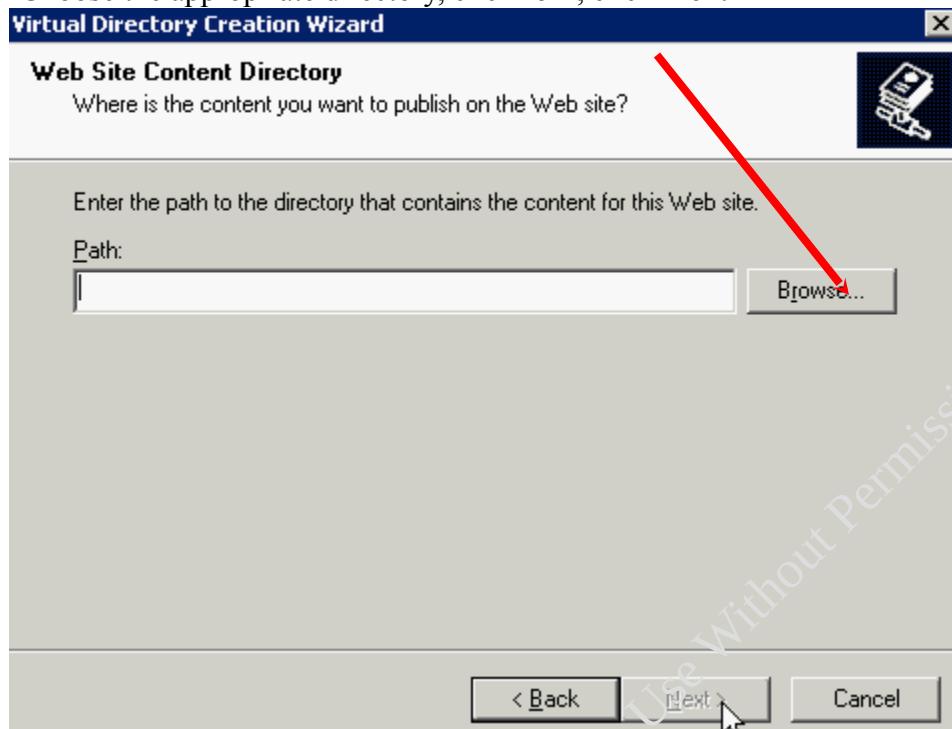


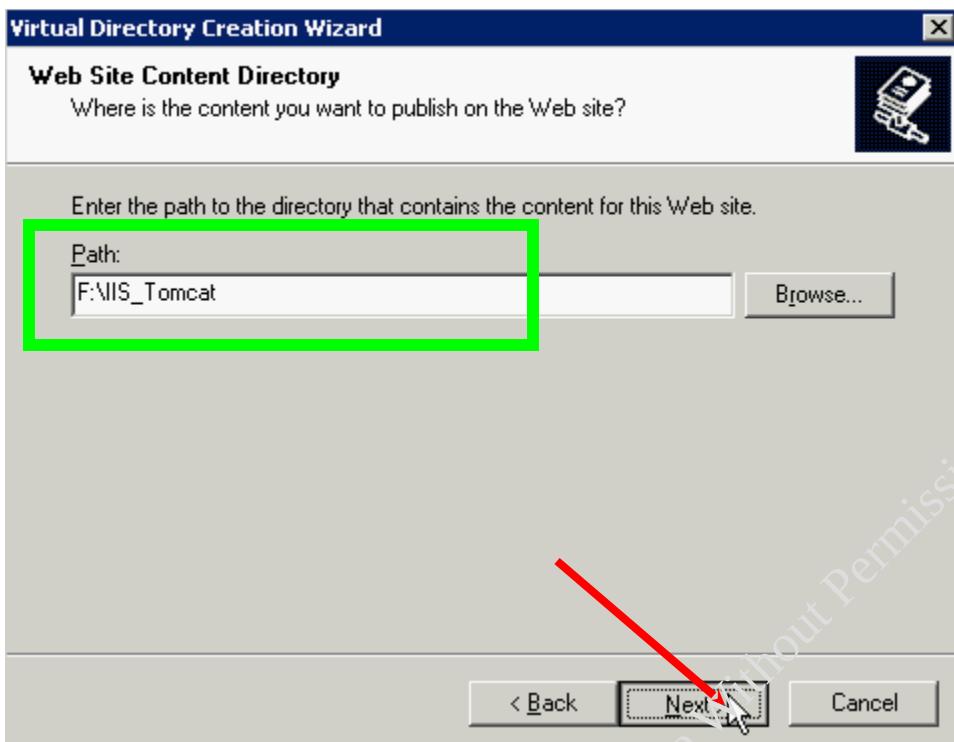
-Edit the appropriate fields, click ‘next’



-Click on ‘browse’

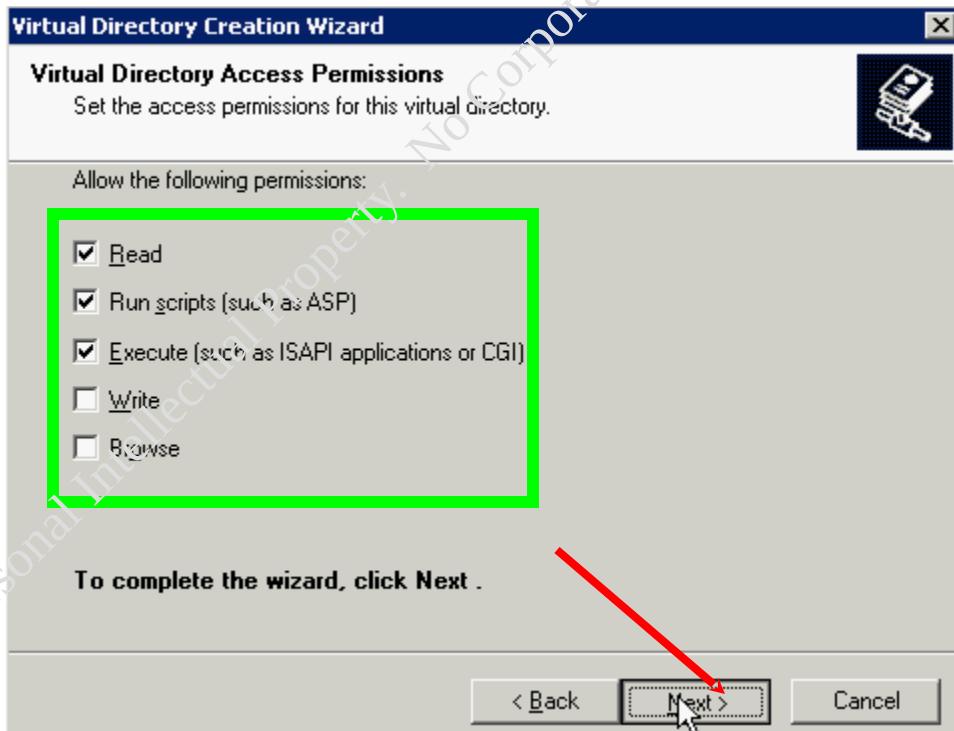
-Choose the appropriate directory, click ‘ok’, click ‘next’



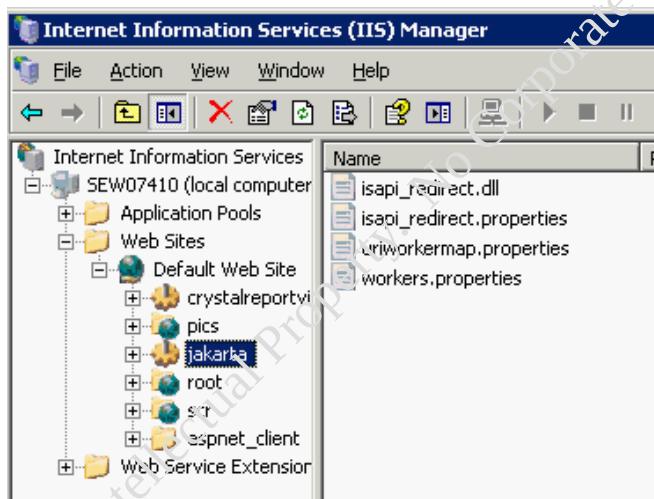


-Edit/update the appropriate fields

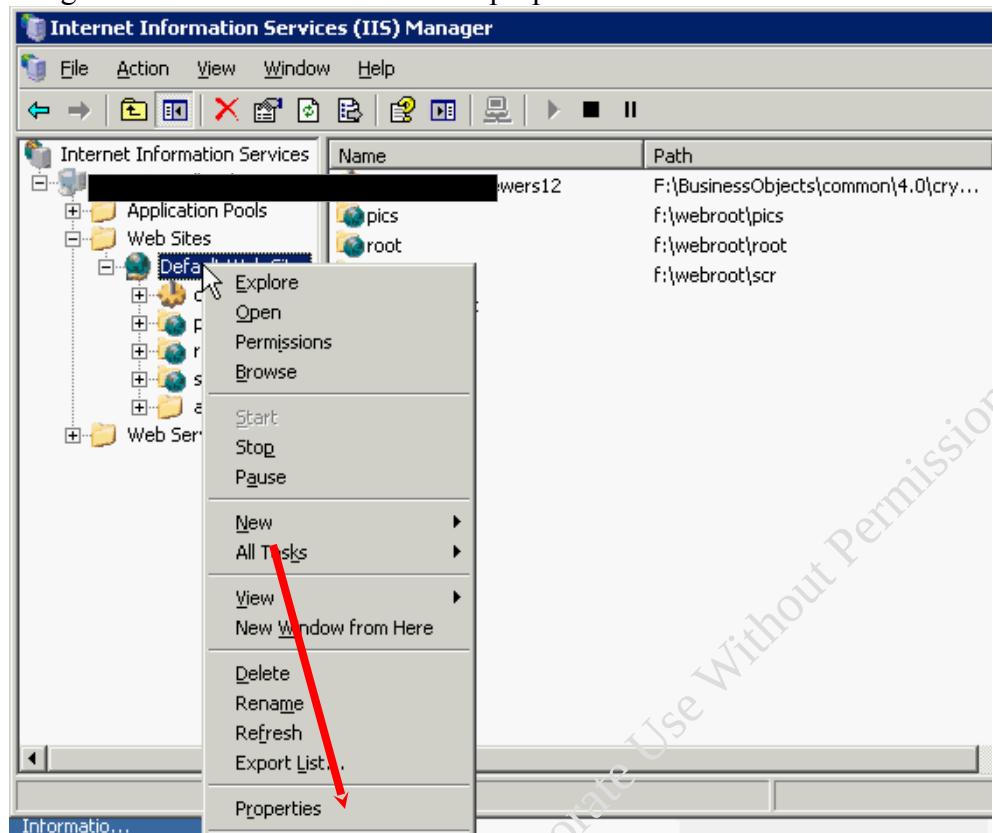
-Click 'next'



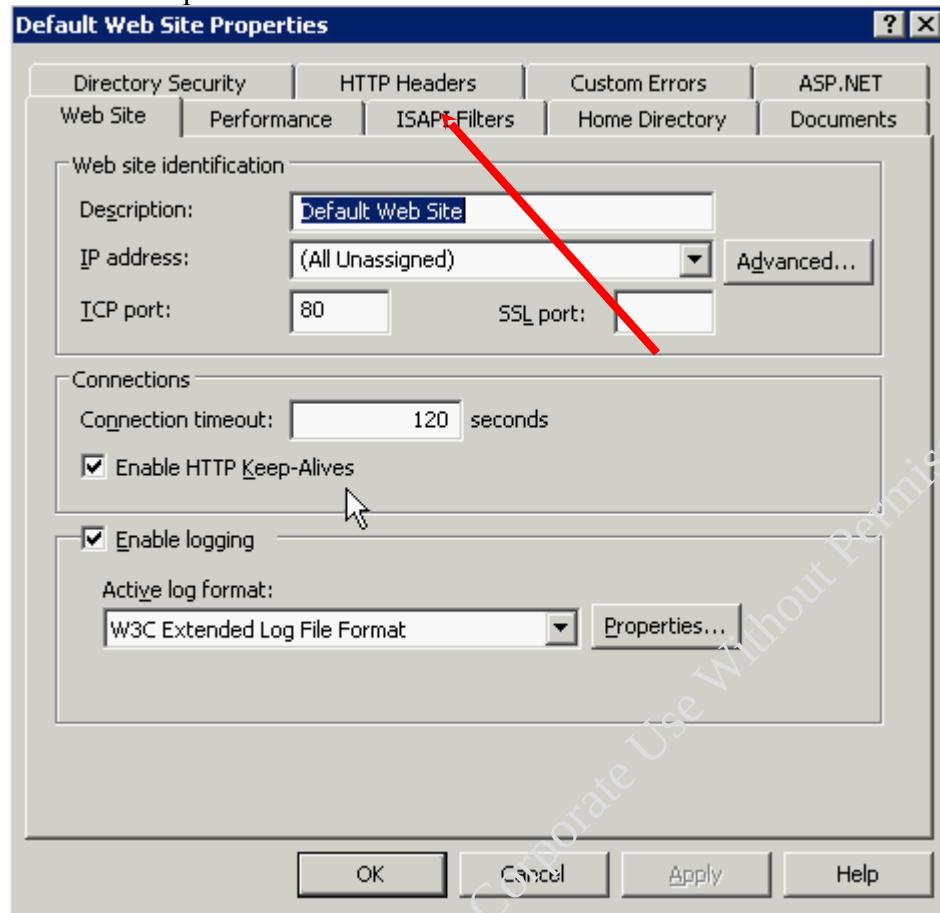
-Click ‘finish’



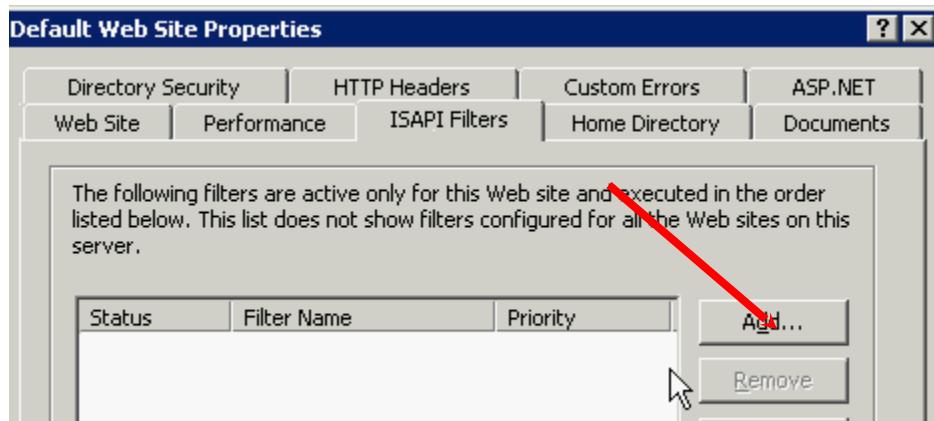
-‘Right Click’ on ‘default web site’ > properties



-Click on ‘isapi filters’

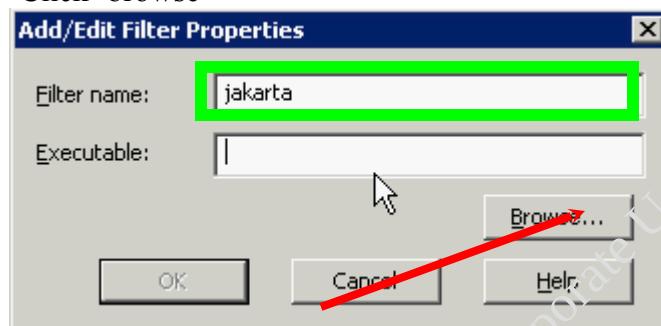


-Click on ‘add’



-Edit/correct the appropriate fields

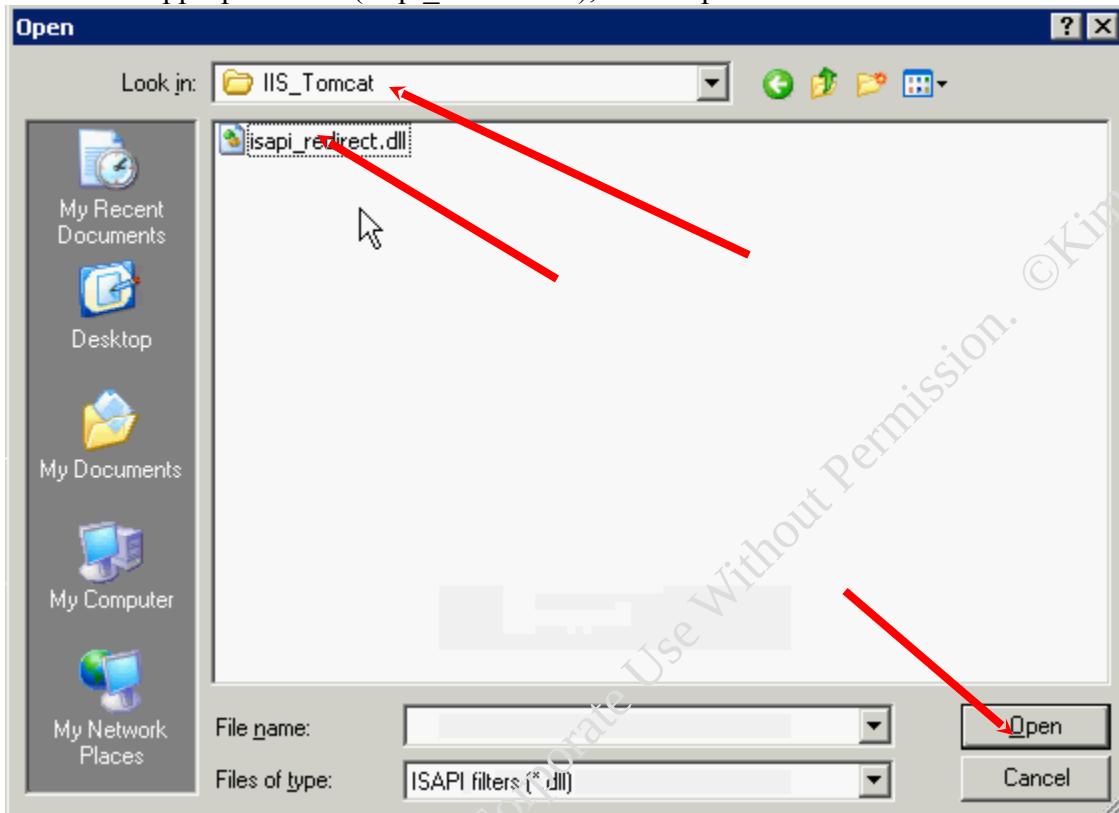
-Click ‘browse’



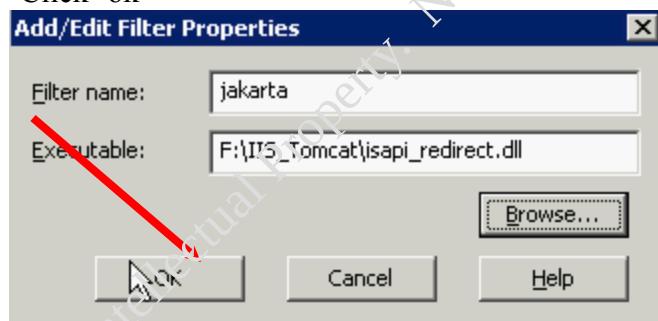
-Navigate to the appropriate directory, in this example:

F:\iis_tomcat

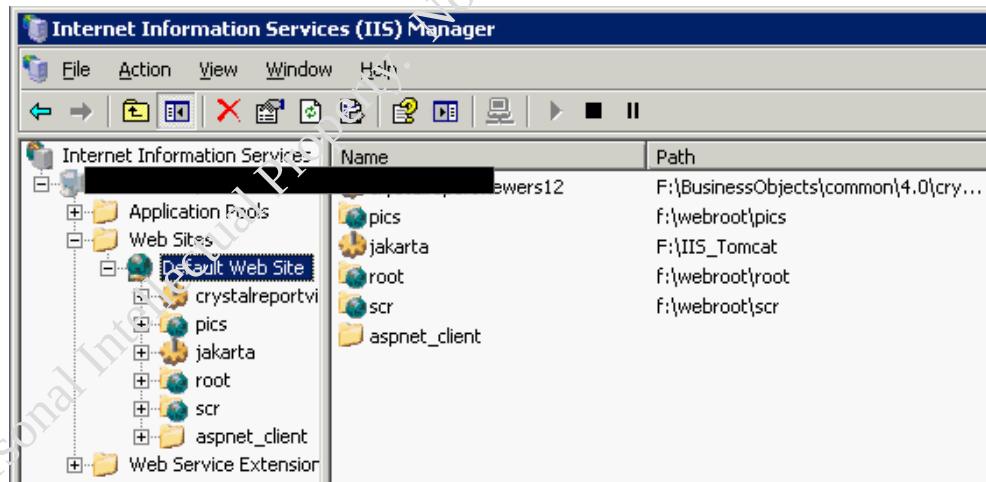
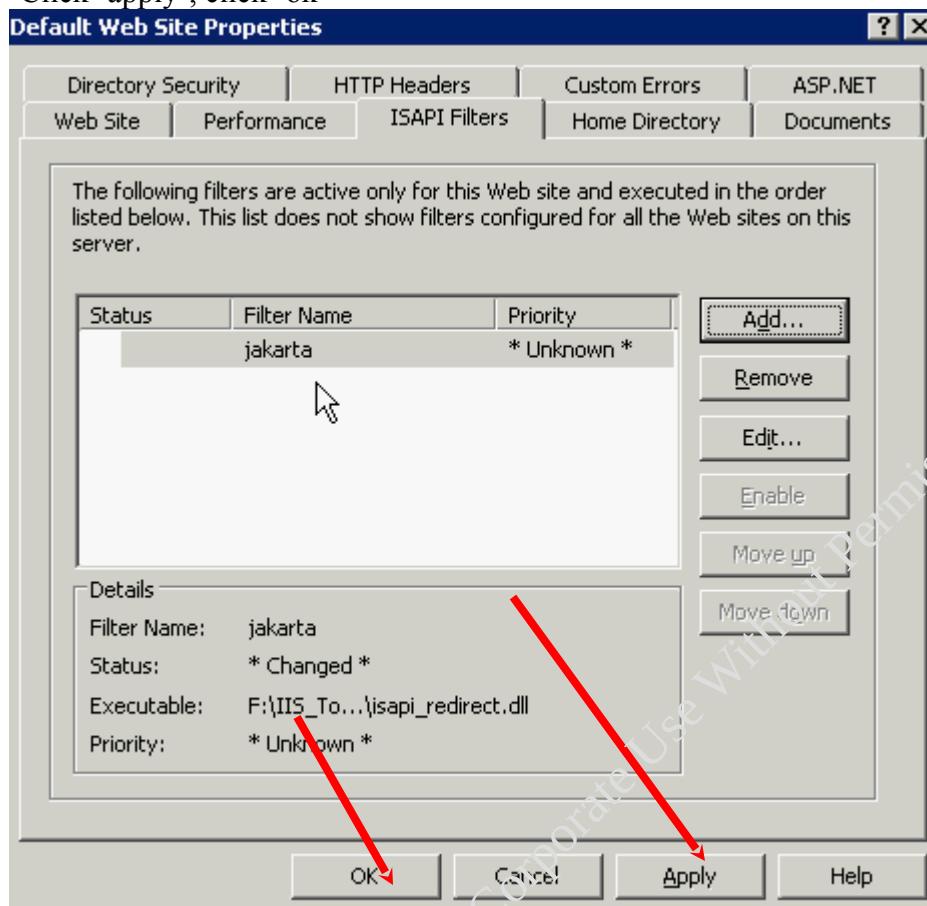
-Select the appropriate file (isapi_redirect.dll), click 'open'



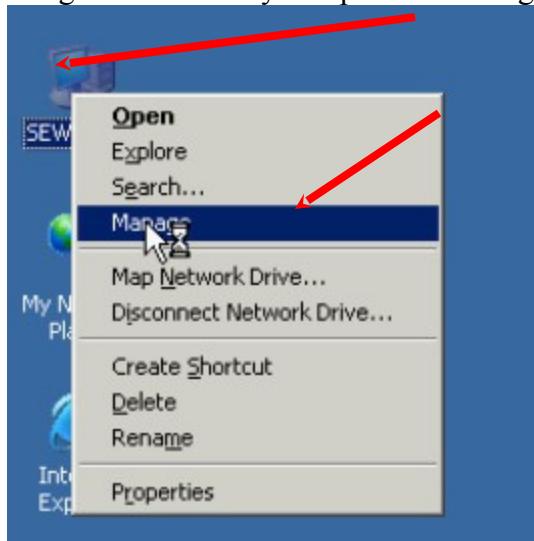
-Click 'ok'



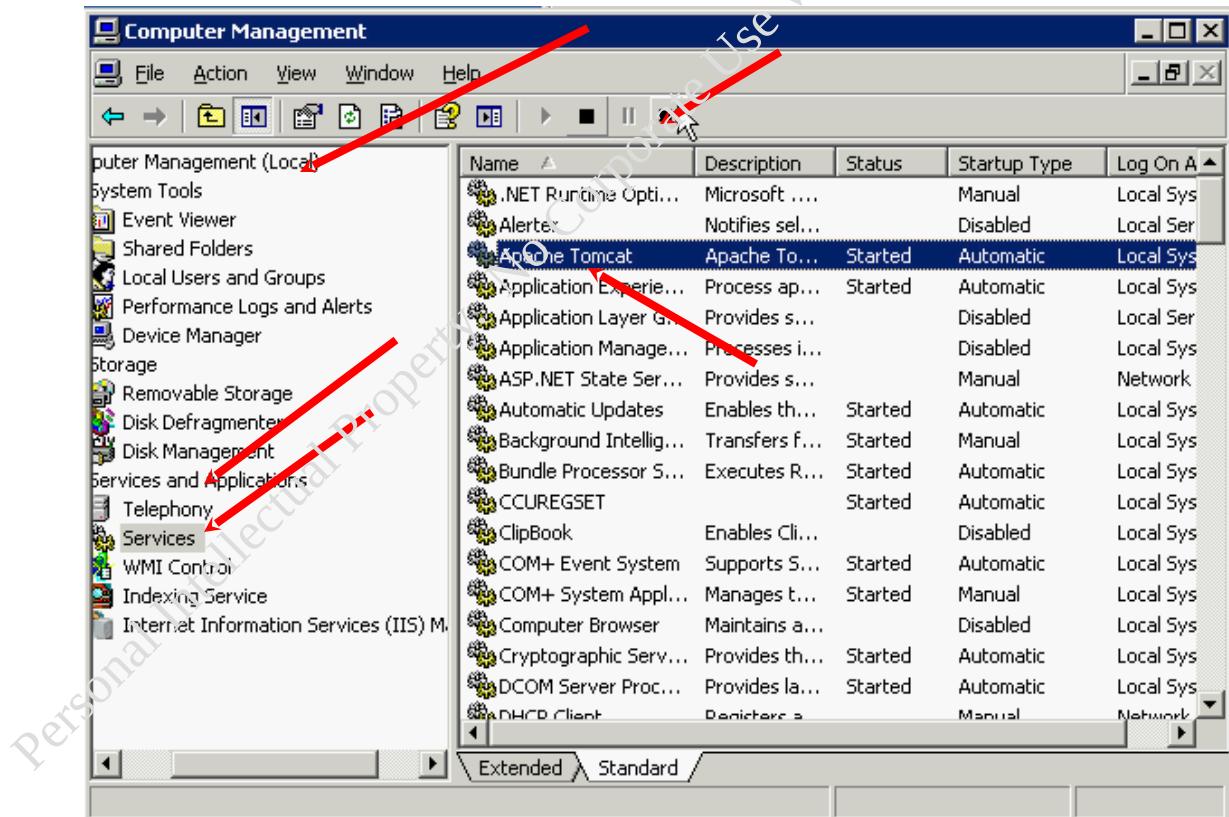
-Click ‘apply’, click ‘ok’

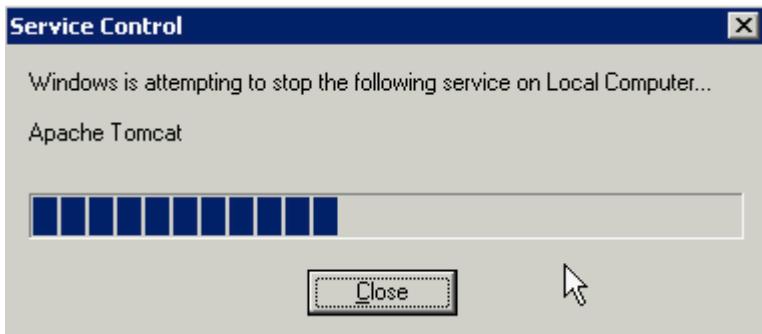


-‘Right click’ on ‘my computer’ > manage



- Navigate to ‘services’
- Find ‘apache tomcat’ service
- Start/restart the service



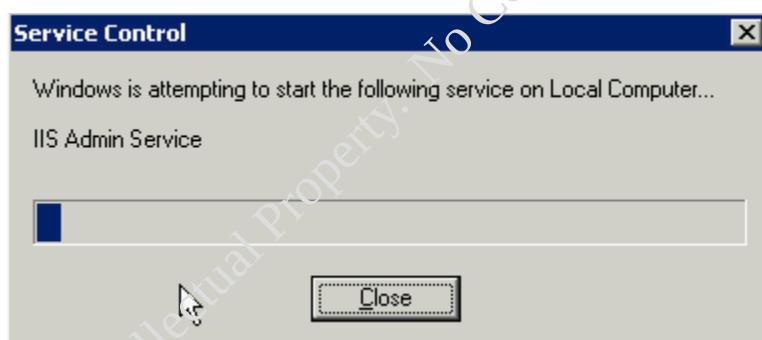
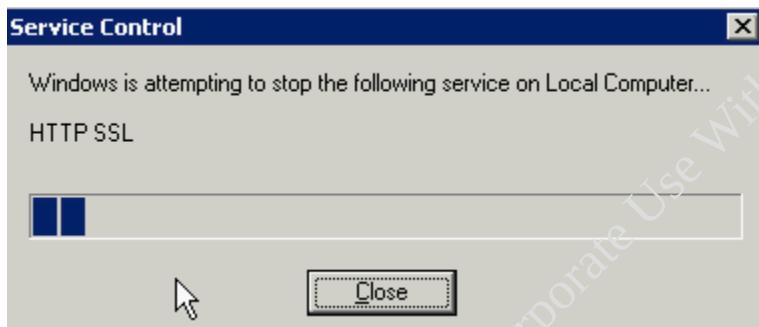
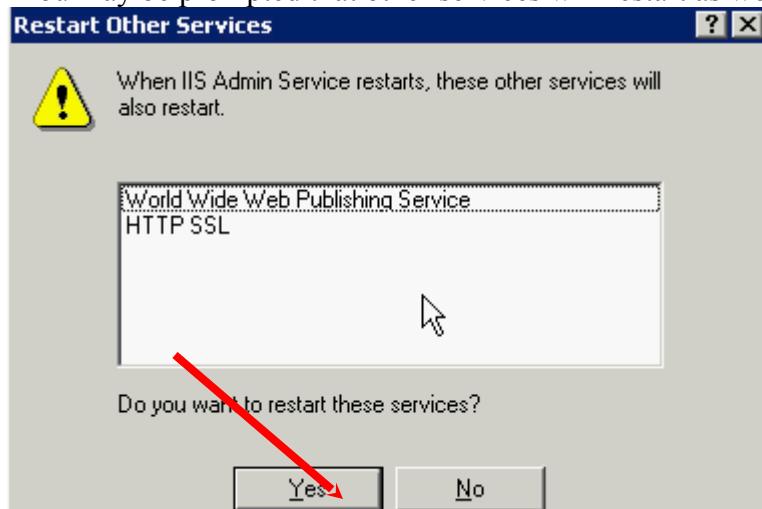


-Find the 'iis admin service' and 'start/restart' that service

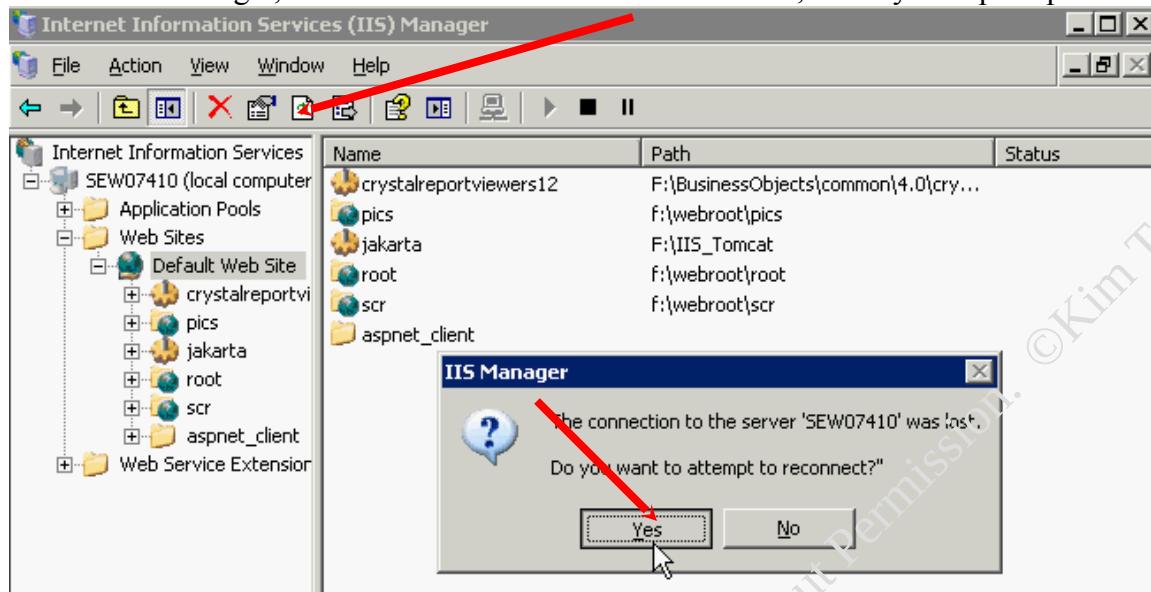
A screenshot of the Windows Computer Management console under "Services". The left navigation pane shows "Computer Management (Local)" with "Services" selected. The main pane displays a table of services. A red arrow points to the "IIS Admin Service" row, which is highlighted. Another red arrow points to the "Start" button in the toolbar at the top of the main pane.

Name	Description	Status	Startup Type	Log On As
Frontier Naming Se...	Frontier Na...	Automatic	PWMT051	
HTTP SSL	This servic...	Started	Manual	Local Sys
Human Interface D...	Enables ge...	Disabled	Local Sys	
IIS Admin Service	Enables IIS ...	Started	Automatic	Local Sys
IMAPI CD Burning ...	Manages C...	Disabled	Local Sys	
Indexing Service	Indexes co...	Disabled	Local Sys	
InstallDriver Table ...	Provides s...	Manual	Local Sys	
Intersite Messaging	Enables I...	Disabled	Local Sys	
IPSEC Services	Provides e...	Started	Automatic	Local Sys
Kerberos Key Distr...	On domain ...	Disabled	Local Sys	
License Logging	Monitors a...	Disabled	Network	
Logical Disk Manager	Detects an...	Started	Automatic	Local Sys
Logical Disk Manag...	Configures...	Manual	Local Sys	
McAfee Engine Ser...	McAfee En...	Started	Automatic	Local Sys
McAfee Framework...	Shared co...	Started	Automatic	Local Sys
McAfee McShield	Provides M...	Started	Automatic	Local Sys
McAfee Task Manager	Allows sch...	Started	Automatic	Local Sys
McAfee Validation T...	Provides v...	Started	Automatic	Local Sys

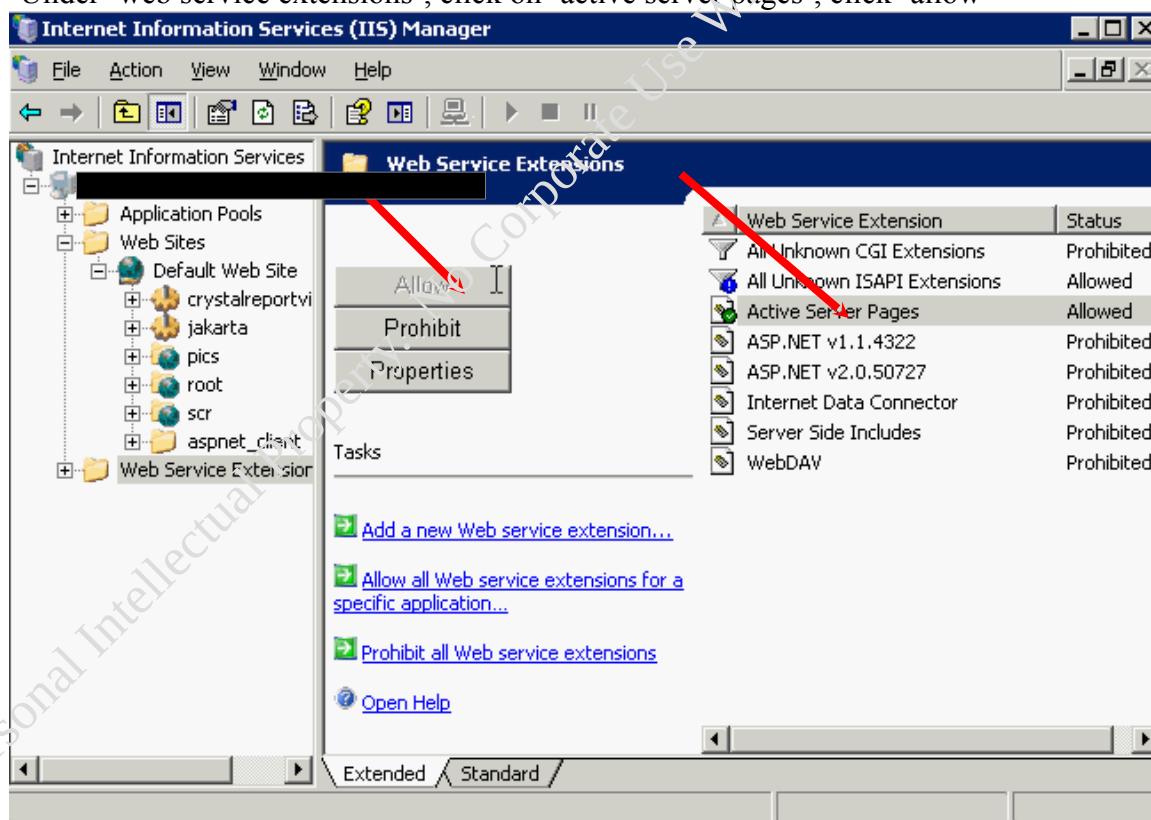
-You may be prompted that other services will restart as well, if so, click ‘yes’



-On the IIS Manager, click ‘refresh’ to reconnect to the server, click ‘yes’ if prompted

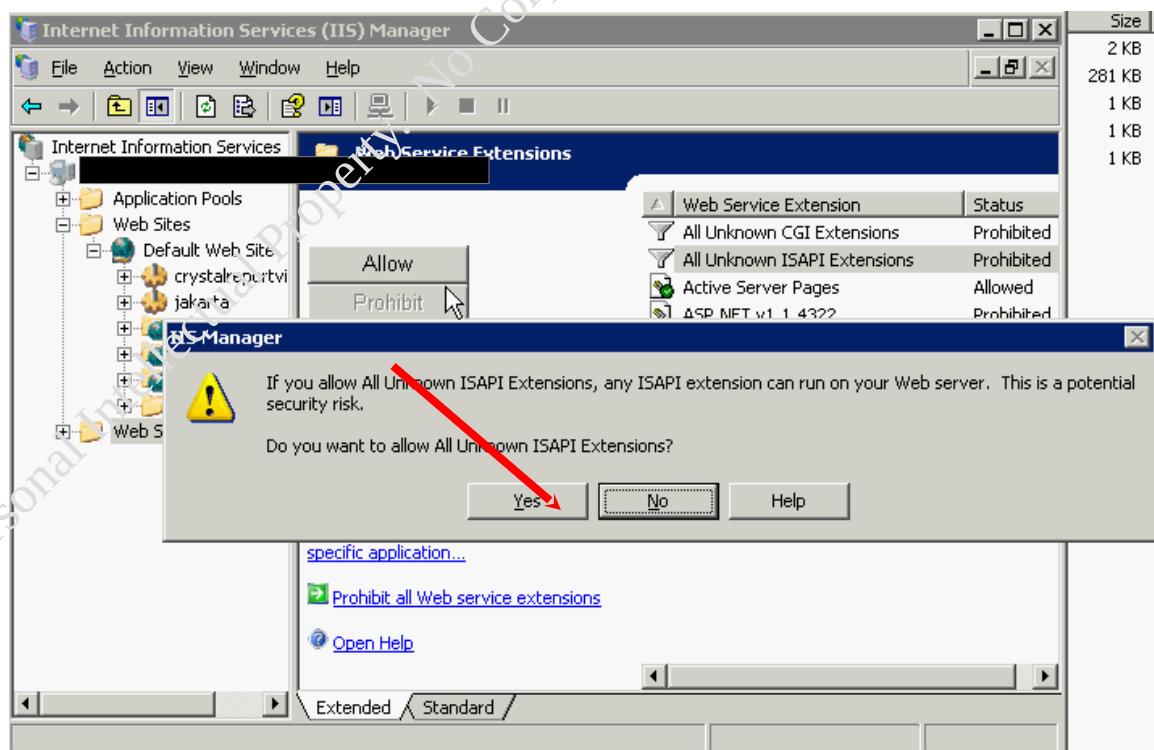
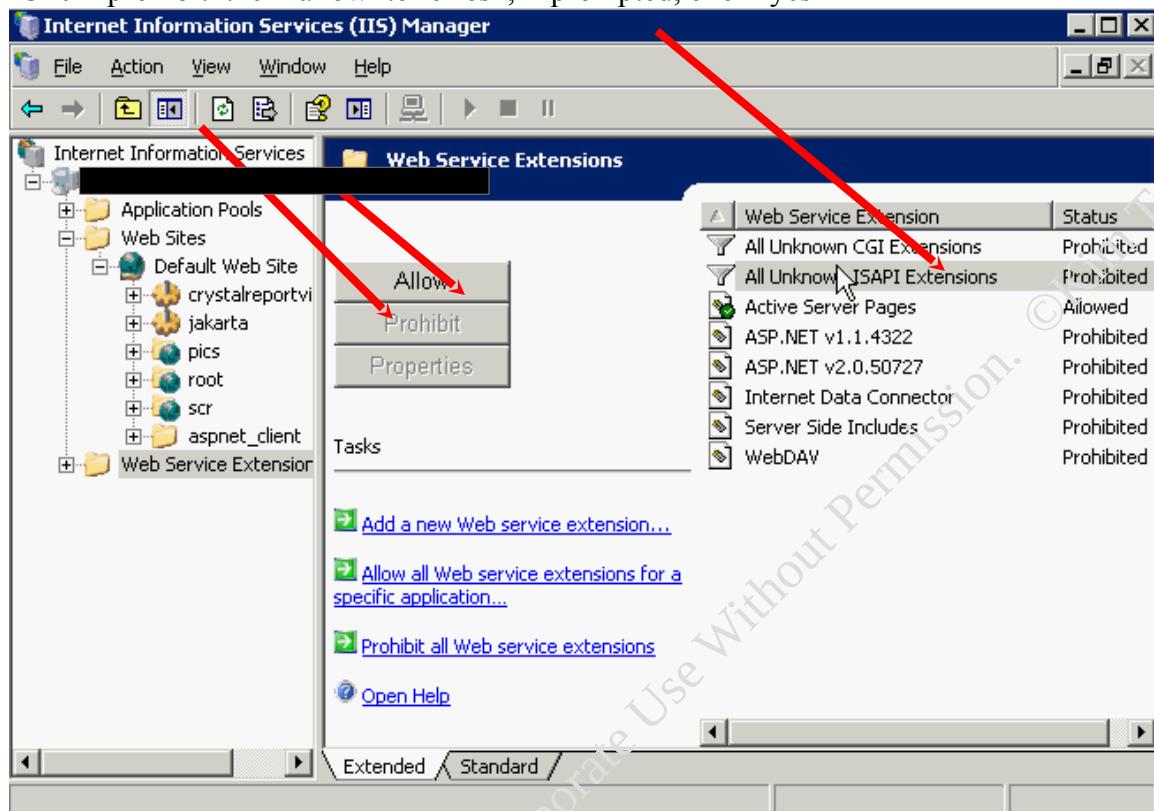


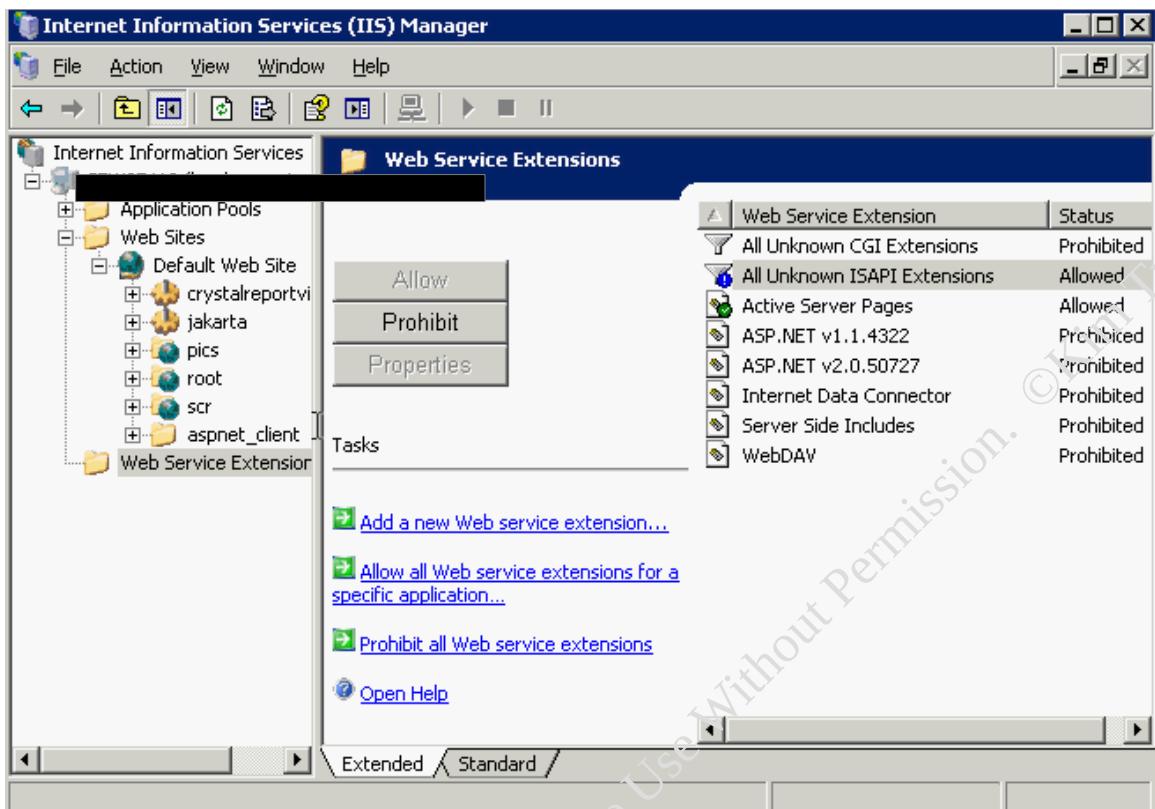
-Under ‘web service extensions’, click on ‘active server pages’, click ‘allow’



-Select the ‘all unknown isapi extensions’

-Click ‘prohibit’ then ‘allow’ to refresh, if prompted, click ‘yes’



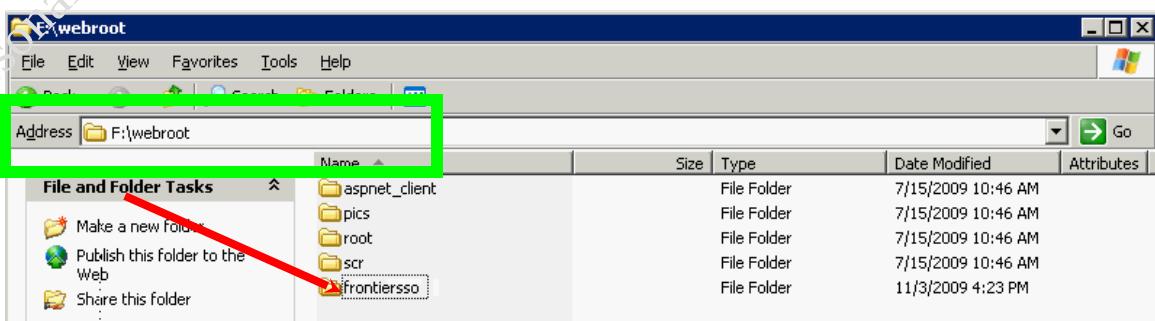
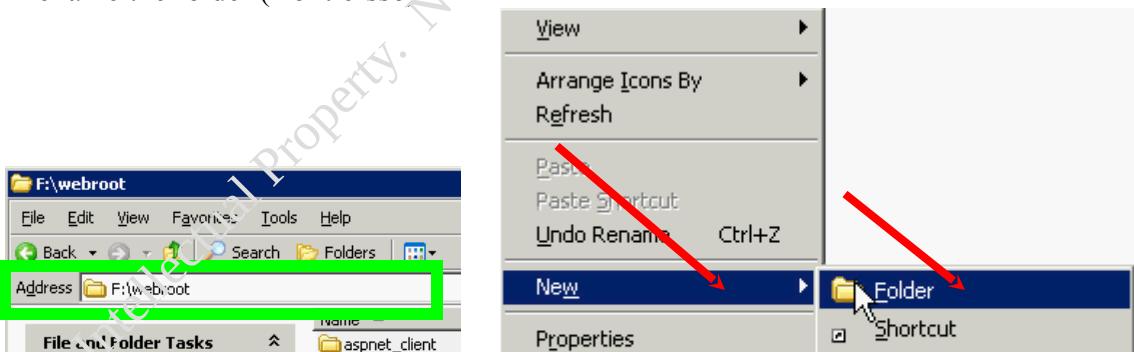


-Navigate to the appropriate directory, in this example:

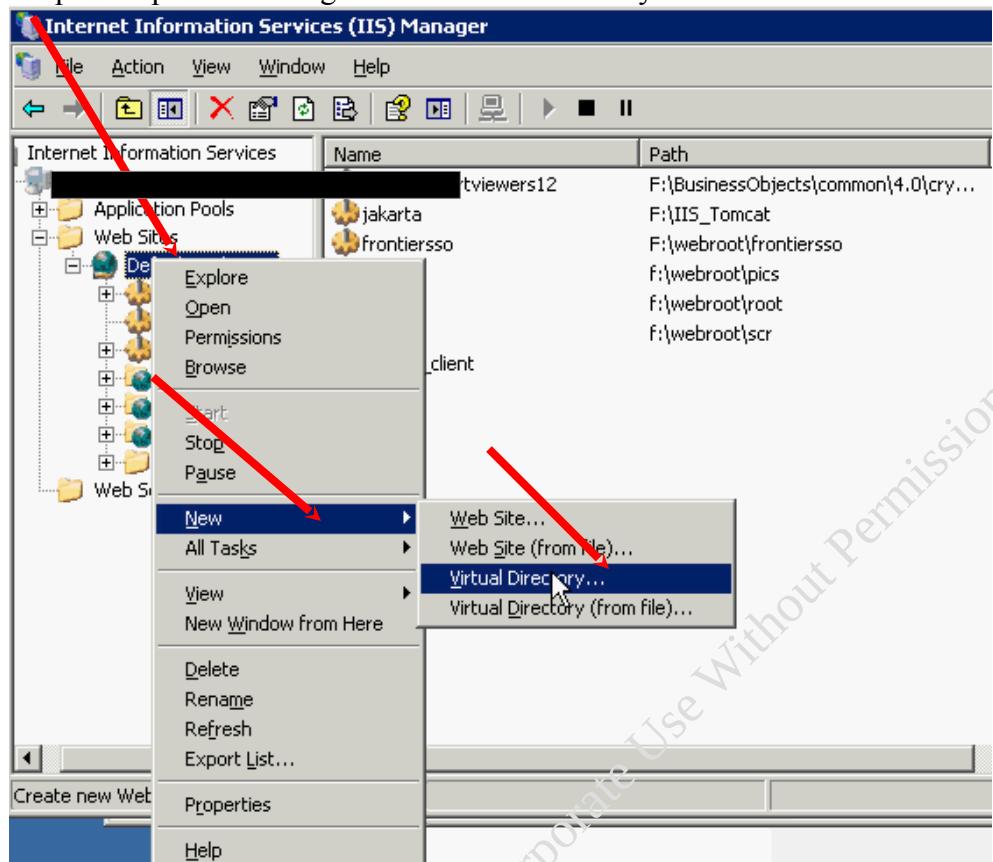
- f:\webroot

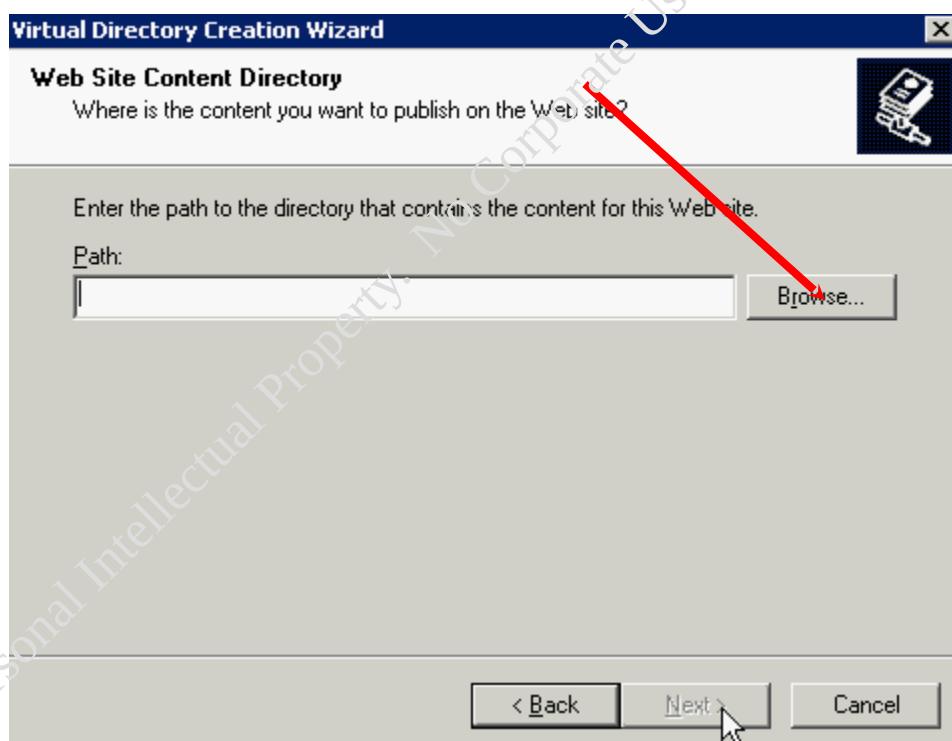
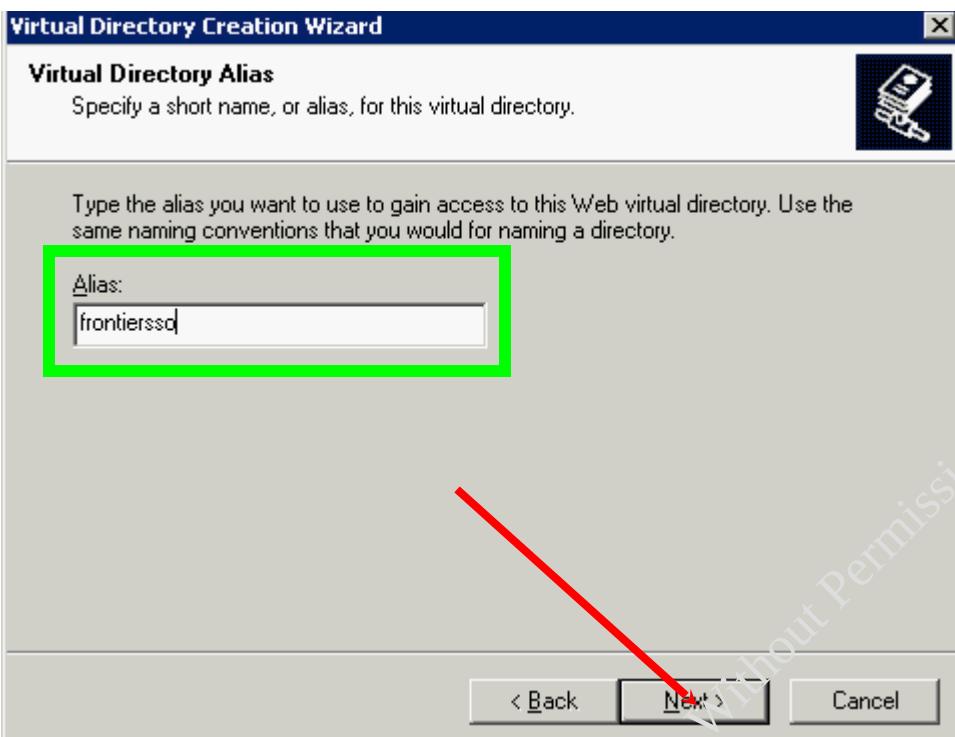
-Create a new folder ('right click' > new > folder)

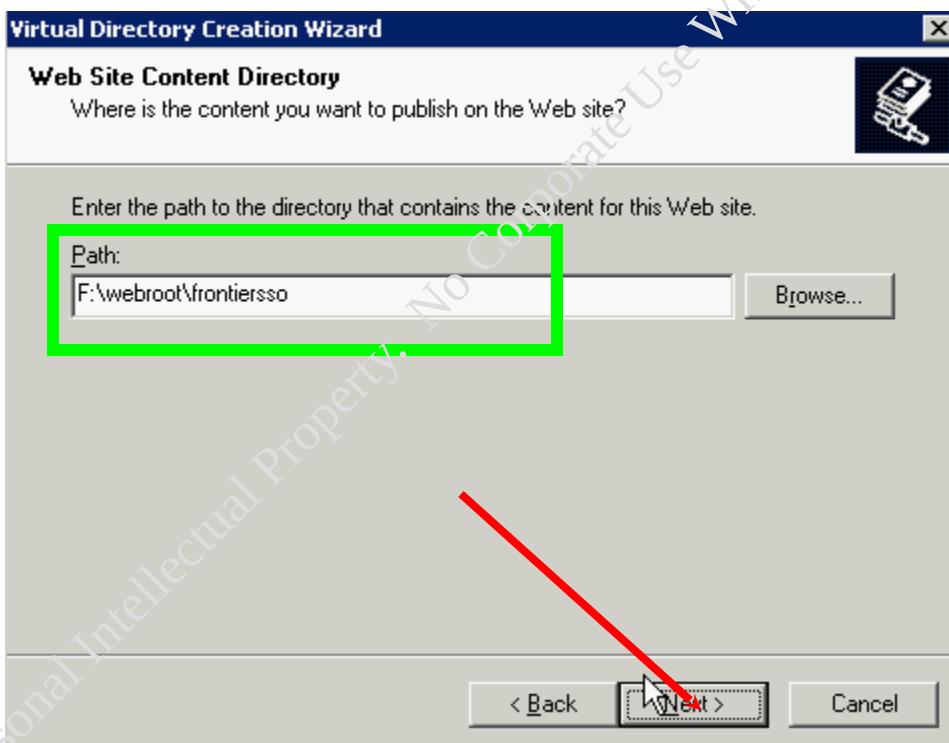
-Rename the folder (frontiersso)

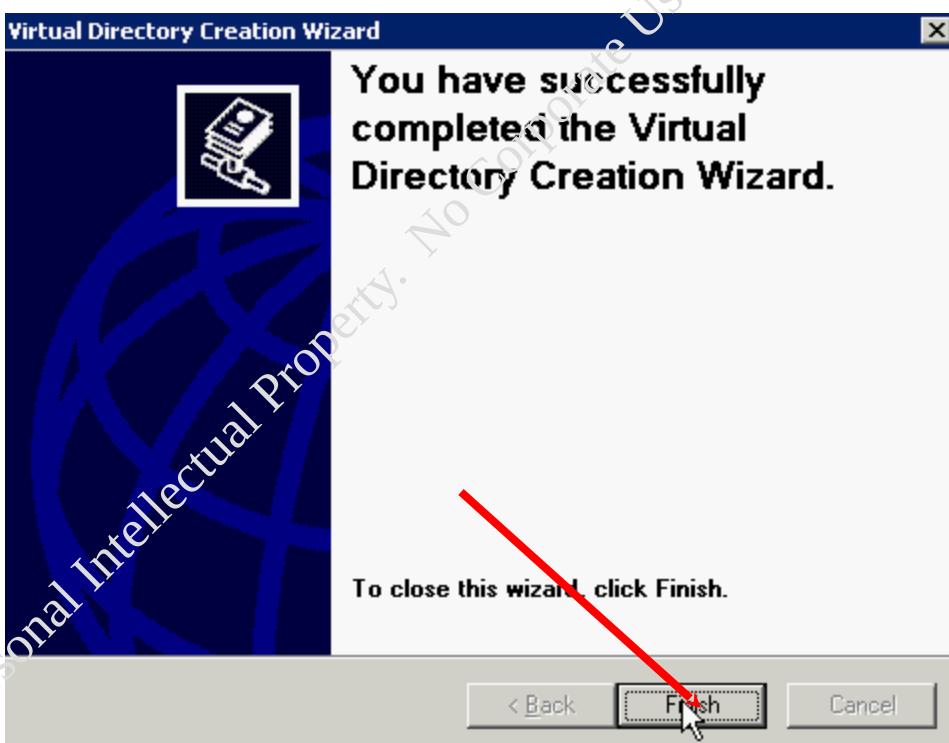


-Repeat steps for creating another virtual directory

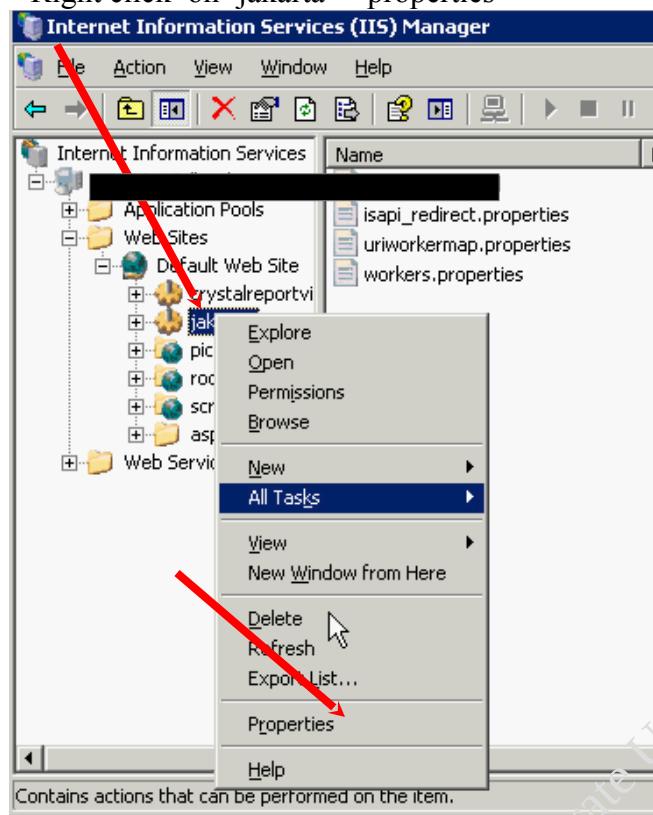






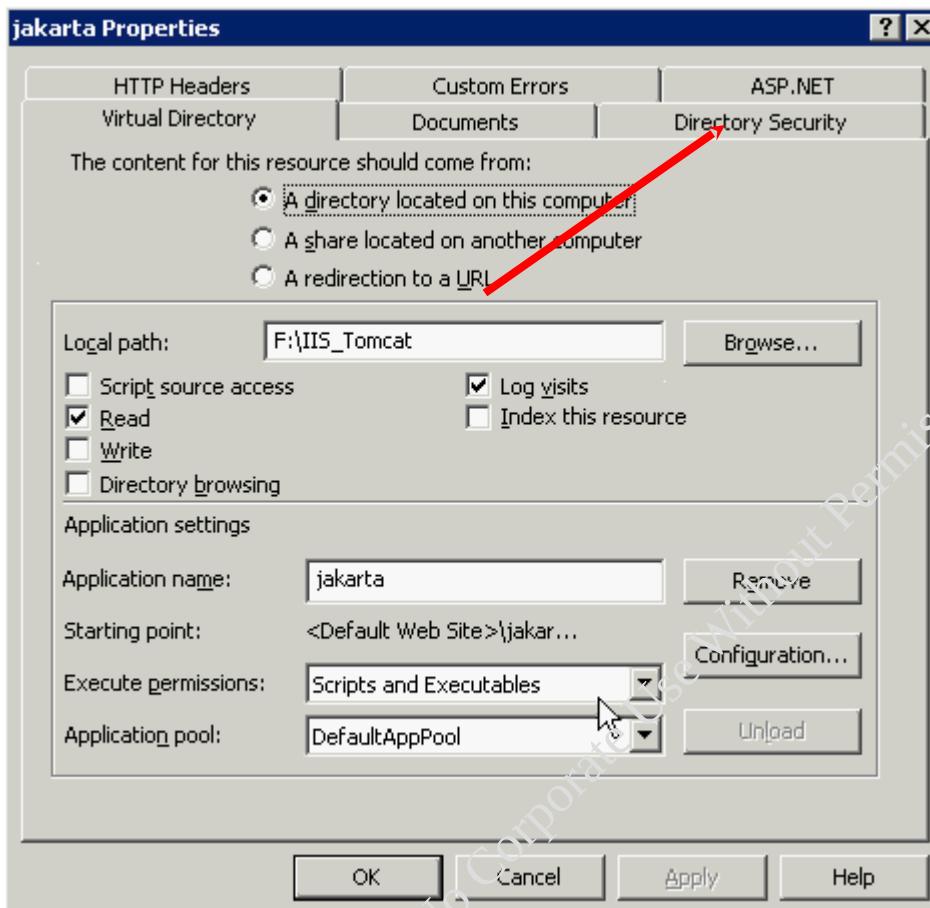


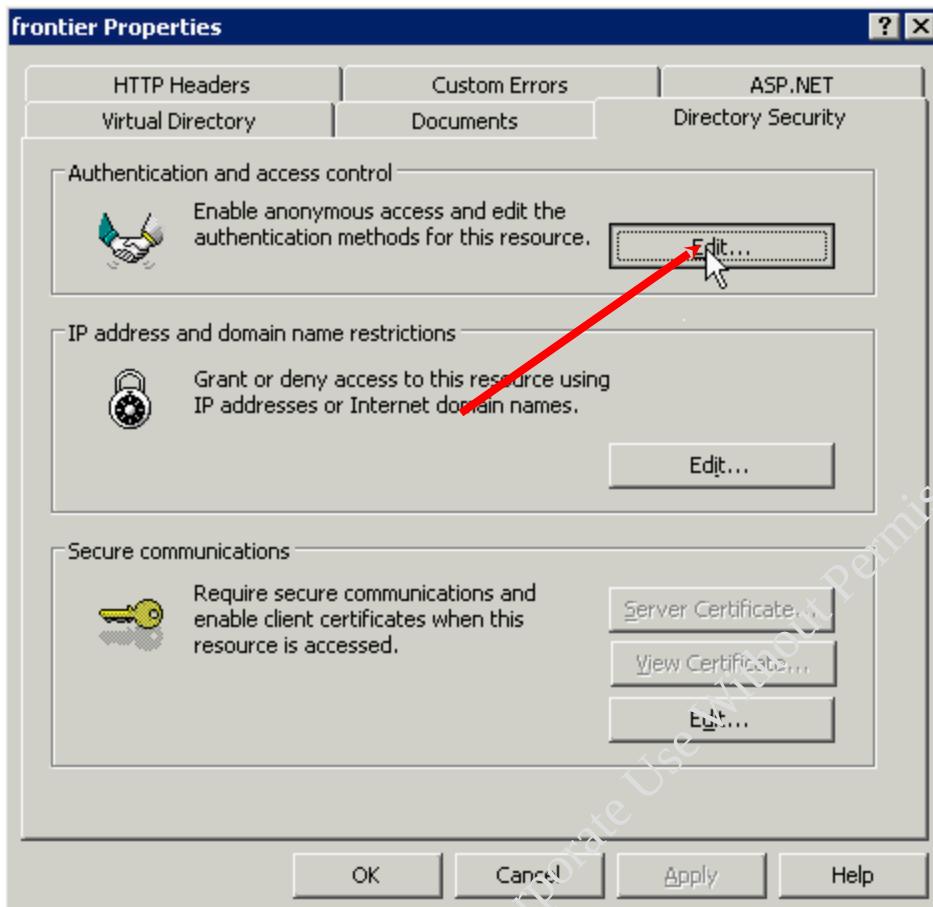
-‘Right click’ on ‘jakarta’ > properties



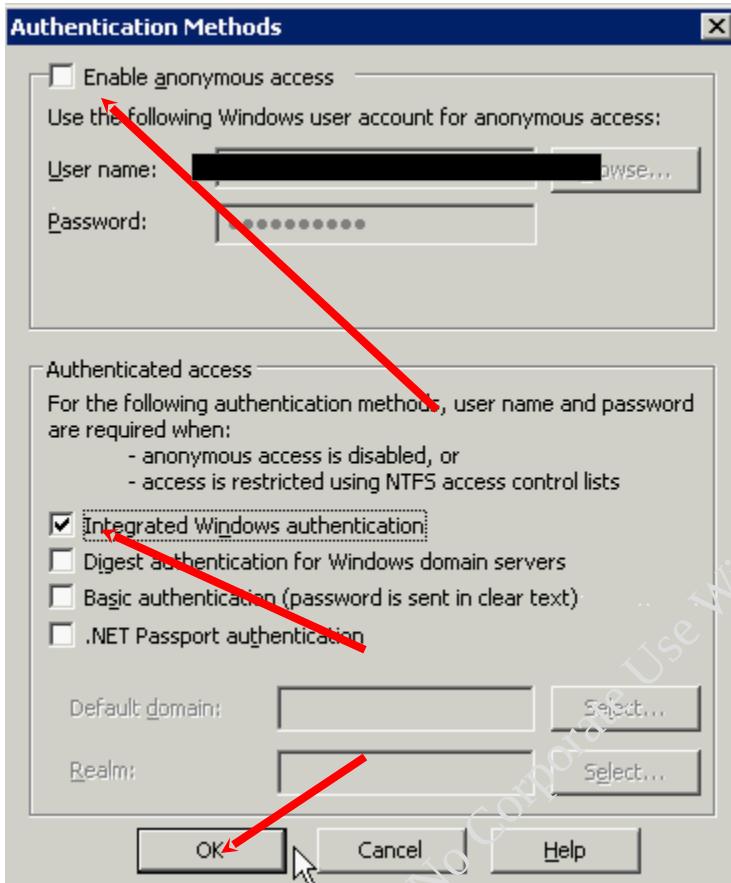
-Click on ‘directory security’

-under ‘authentication and access controls’ click on ‘edit’

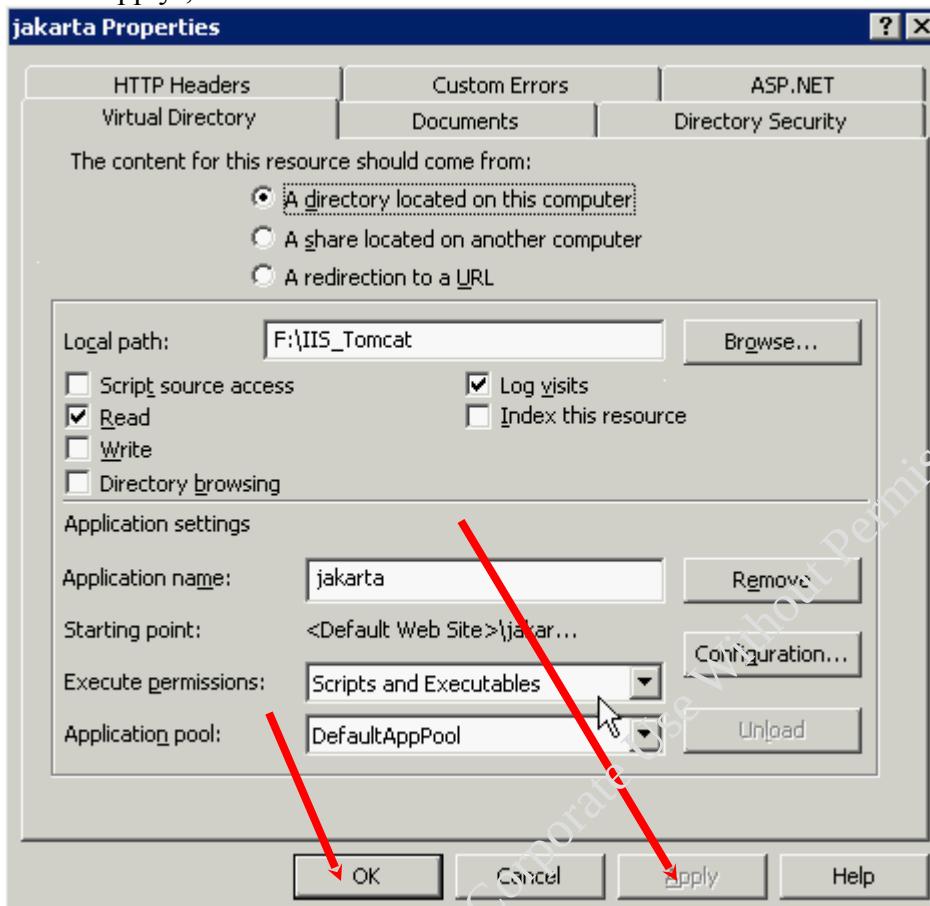




- UNcheck 'enable anonymous access'
- Check 'integrated windows authentication'
- Click 'ok'



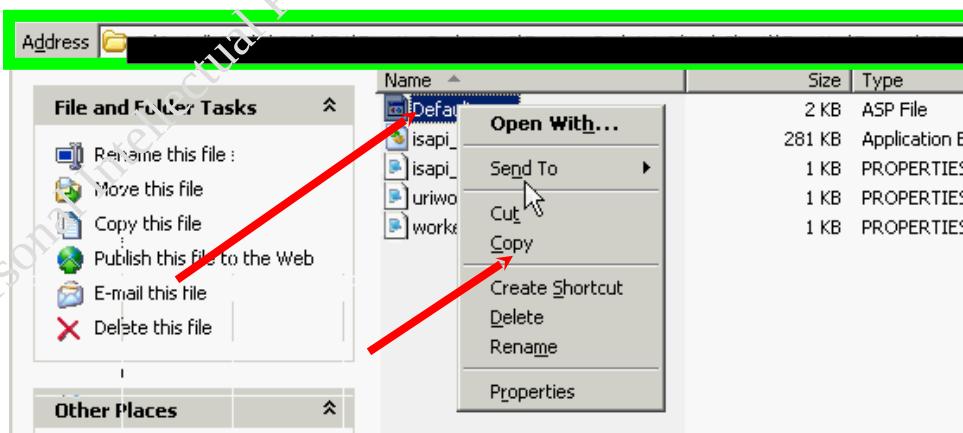
-Click ‘apply’, then ‘ok’



-Navigate to the appropriate directory, in this example:

- f:\install_media\cd1\cd1\frontiercash4_1_0\frontiercash4.1.0(webclient)\frontier\tomcat\iis

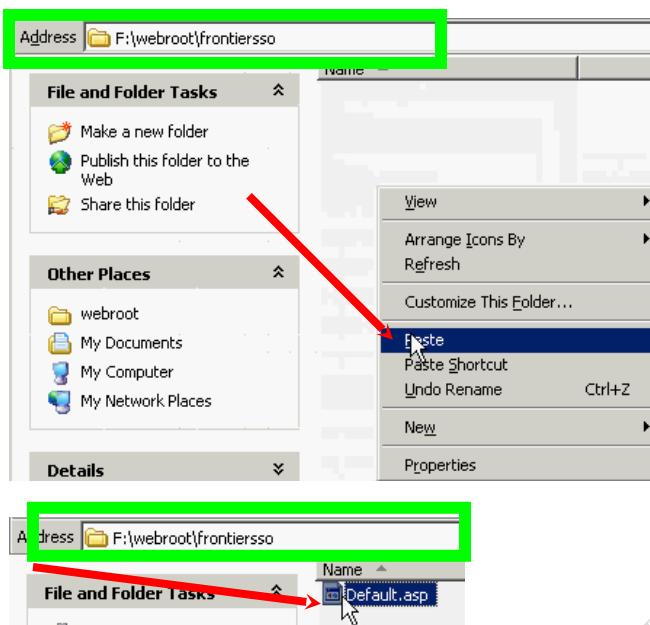
-Copy the ‘default.asp’ file



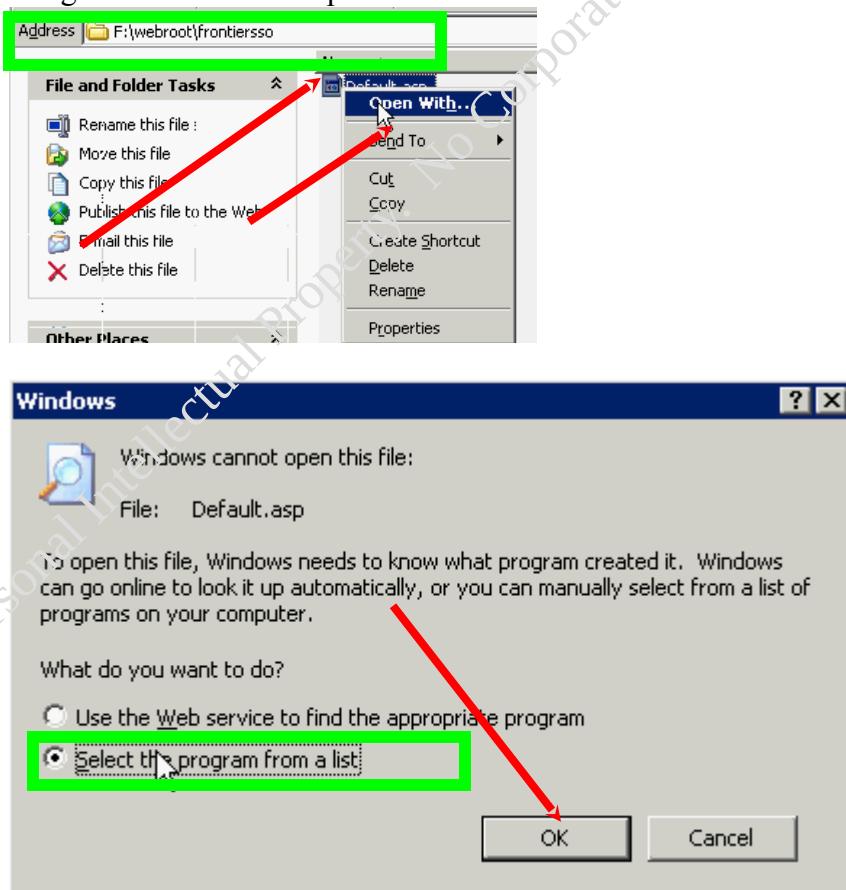
-Navigate to the appropriate directory, in this example:

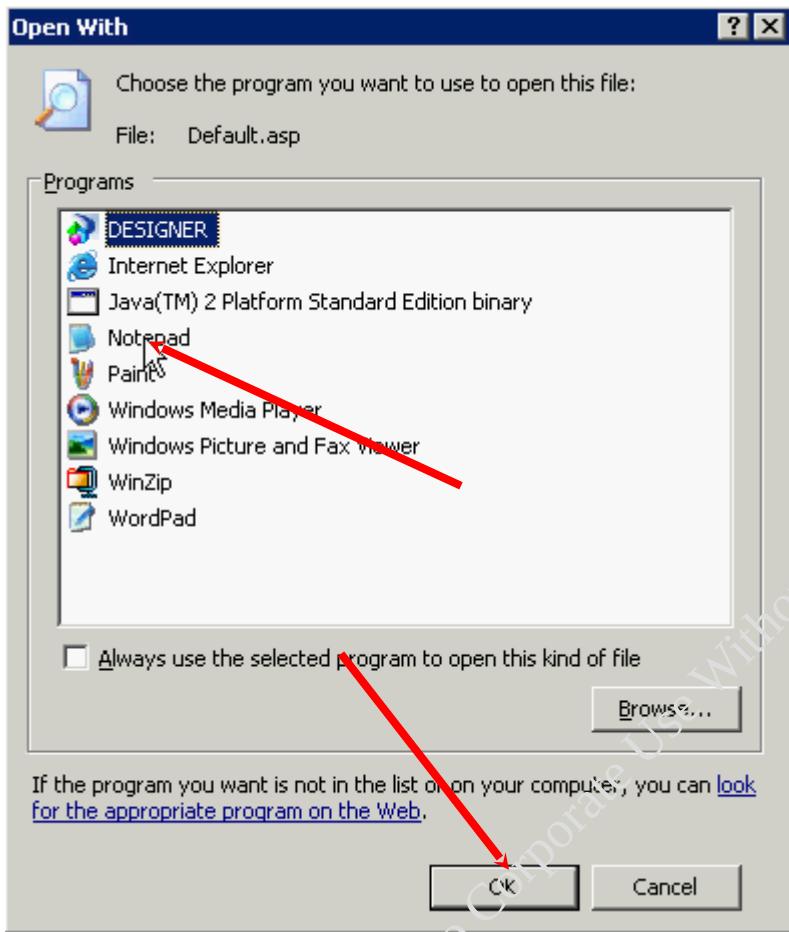
- f:\webroot\frontiersso

-Paste the 'copied' file



-‘Right click’ the file > open with





-Edit/correct the appropriate sections

```
File Edit Format View Help
<%
// IIS does not pass custom headers to the Tomcat or Weblogic server but it
// does pass those headers to an ASP file. So this ASP file obtains the
// userId value from the header and passes this value as a parameter to
// Frontier. For this method to work, the SysconfigAttributes Stringvalue
// column for the 'Frontier SSO Method Type' configuration must be set
// to 2(Request Parameter). By default it is set to 0.

Important:
1. Modify the headerName variable in the following code to the name of
the header variable which is going to be used to send the userId
information into this ASP. Update the SysconfigAttributes Stringvalue
associated with the 'Frontier SSO Variable Name' configuration in the
Frontier database. For a standard Active Directory environment this
should be 'LOGON_USER'

2. Modify the target variable to match the Frontier website or virtual
directory on the IIS server.
%>

<%
dim headerName, target, ntuser
headerName = "LOGON_USER"

//target must end with a forward slash
target = "/frontier/"
//target = "http://machineName/frontier/"

ntuser = Request.ServerVariables(headerName)

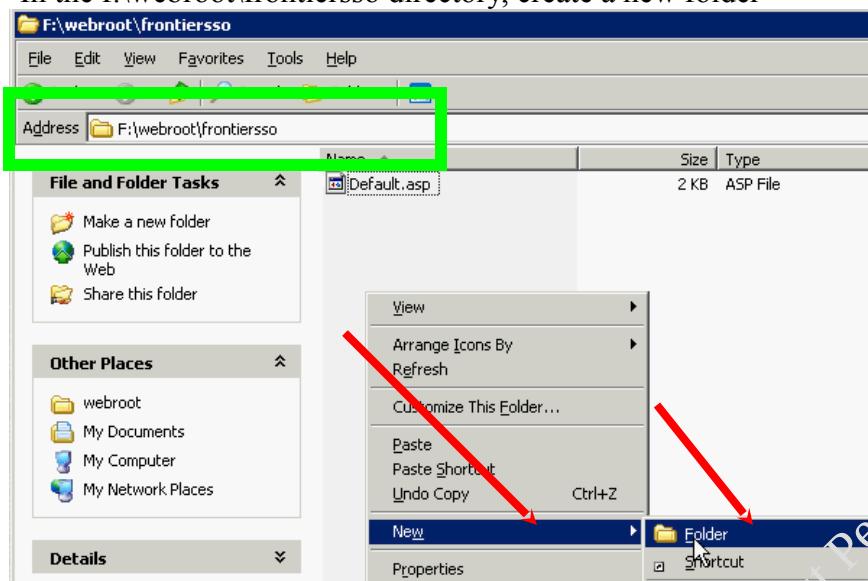
%>
<html>
```

```
<%
dim headerName, target, ntuser
headerName = "LOGON_USER"
//target must end with a forward slash
target = "/frontier/"
//target = "http://machineName/frontier/"

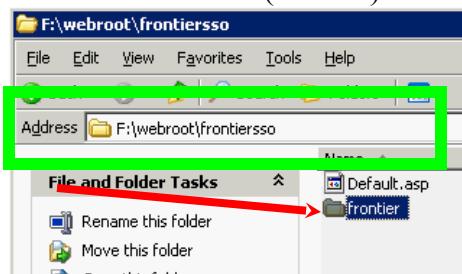
ntuser = Request.ServerVariables(headerName)

%>
<html>
```

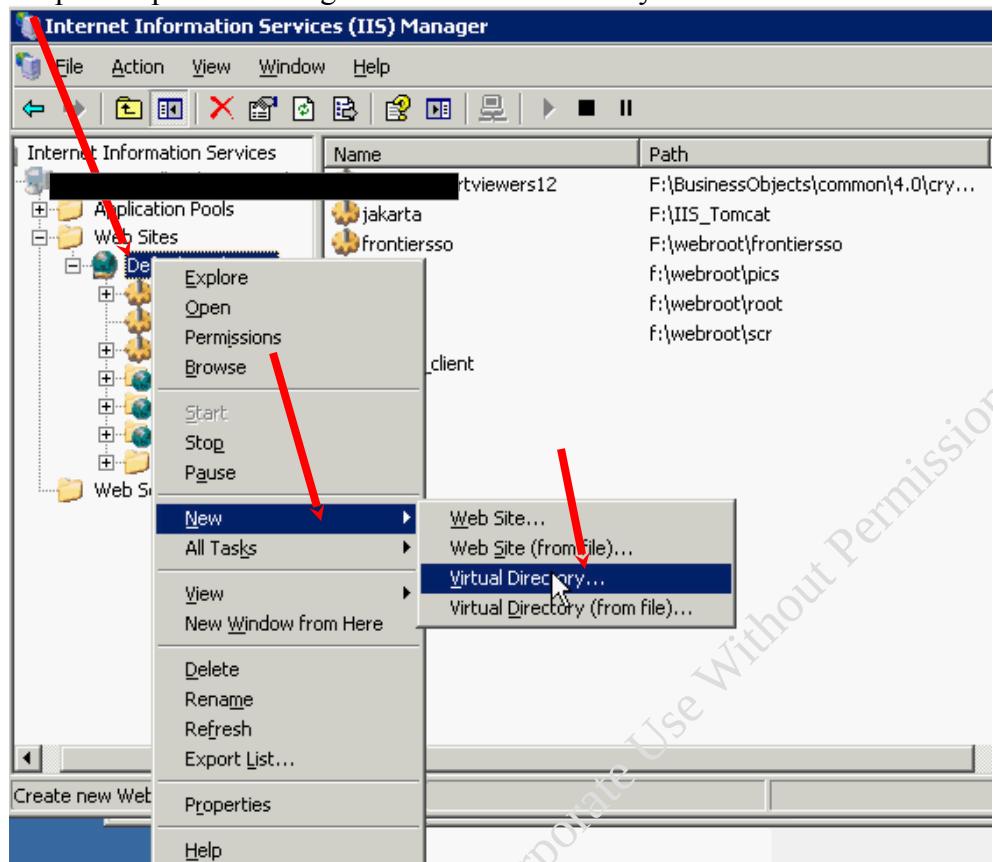
-In the f:\webroot\frontiersso directory, create a new folder

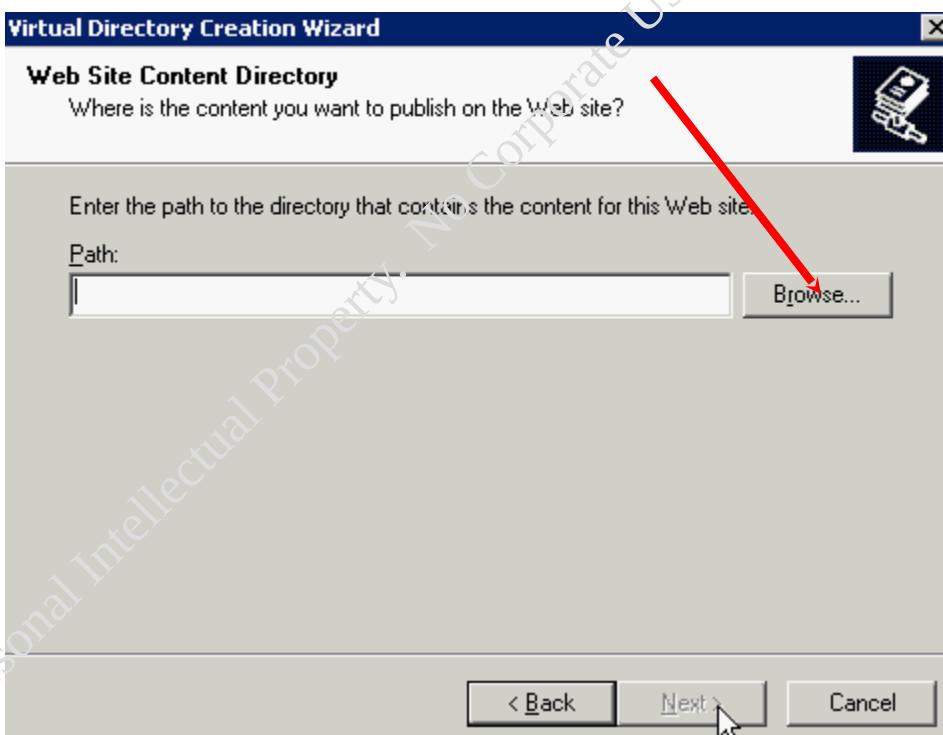
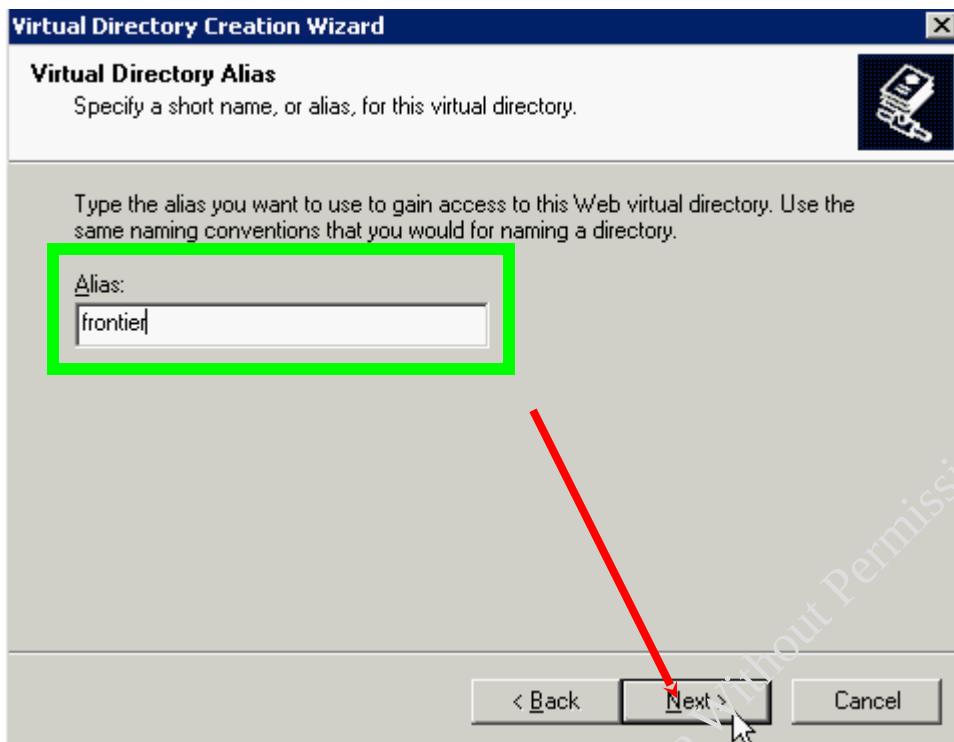


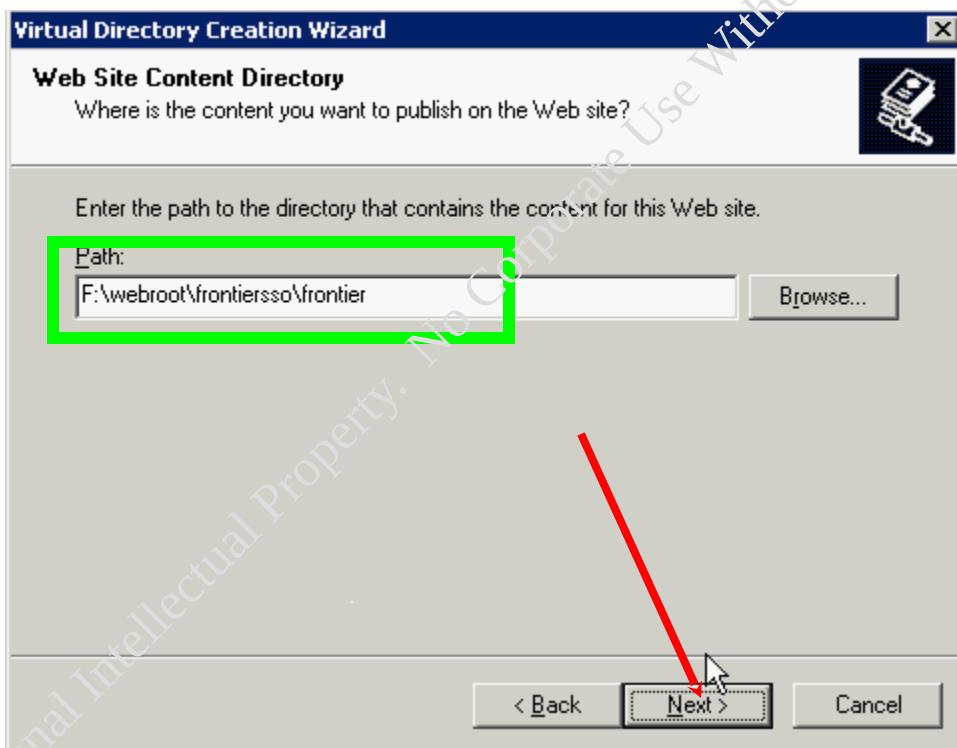
-Rename the folder (frontier)

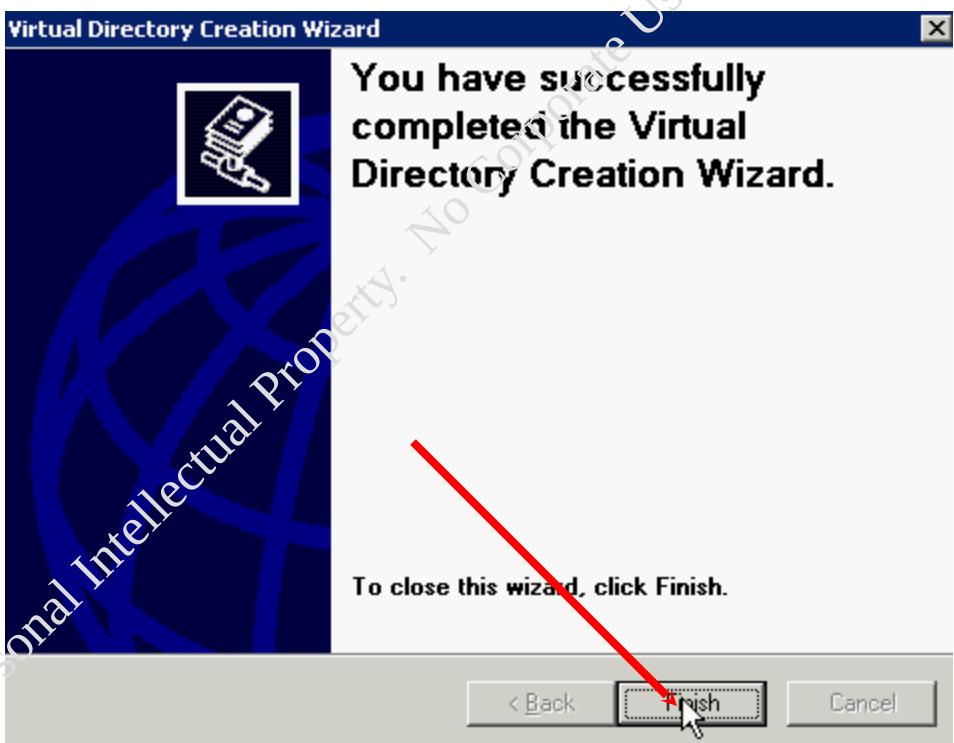
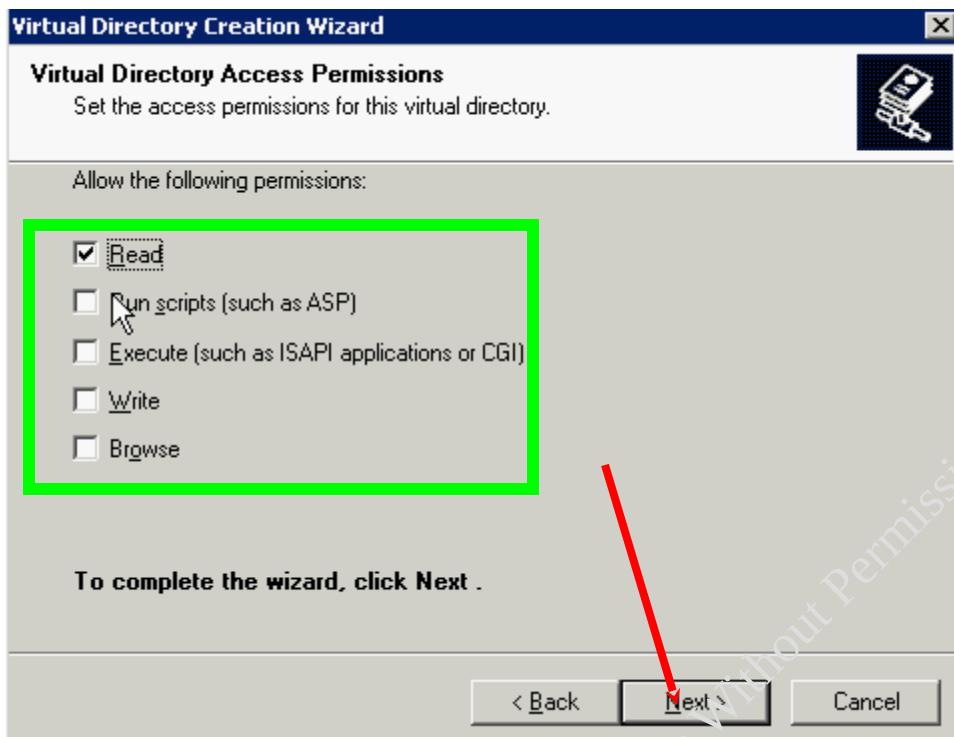


-Repeat steps for creating another virtual directory

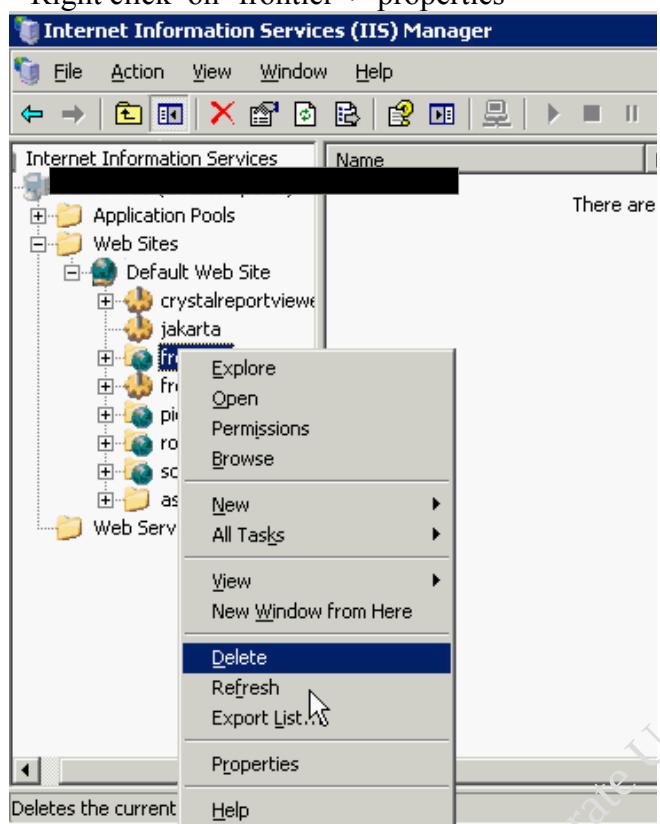




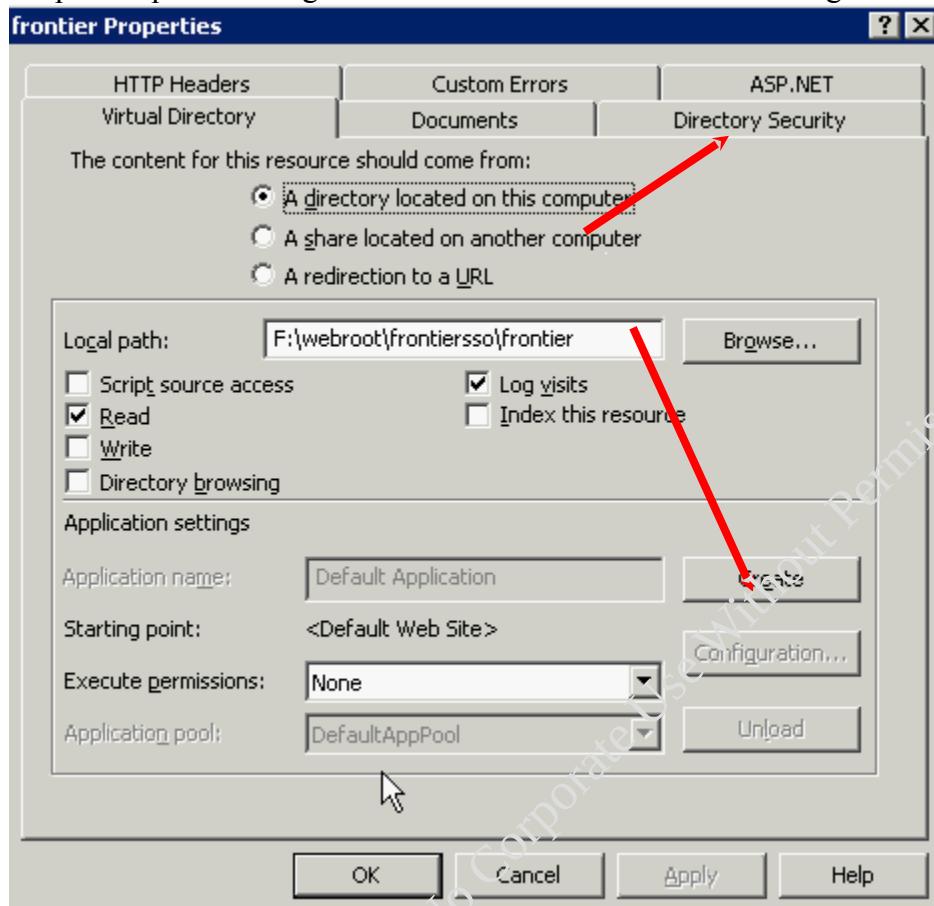


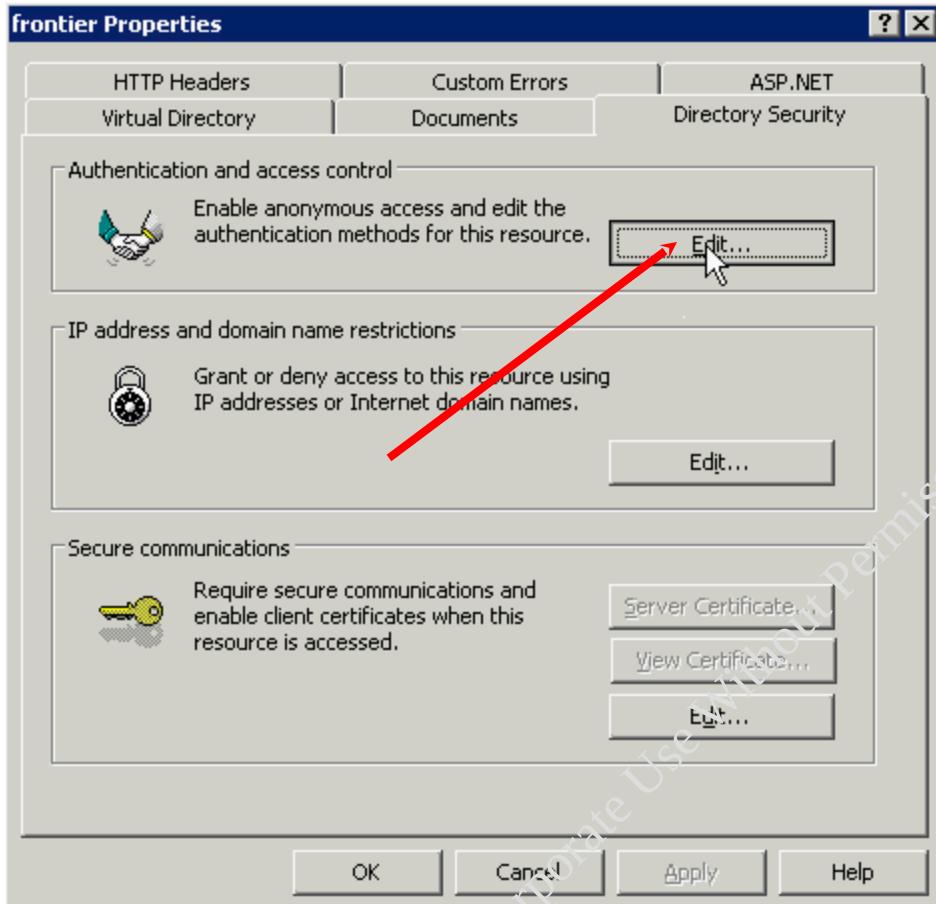


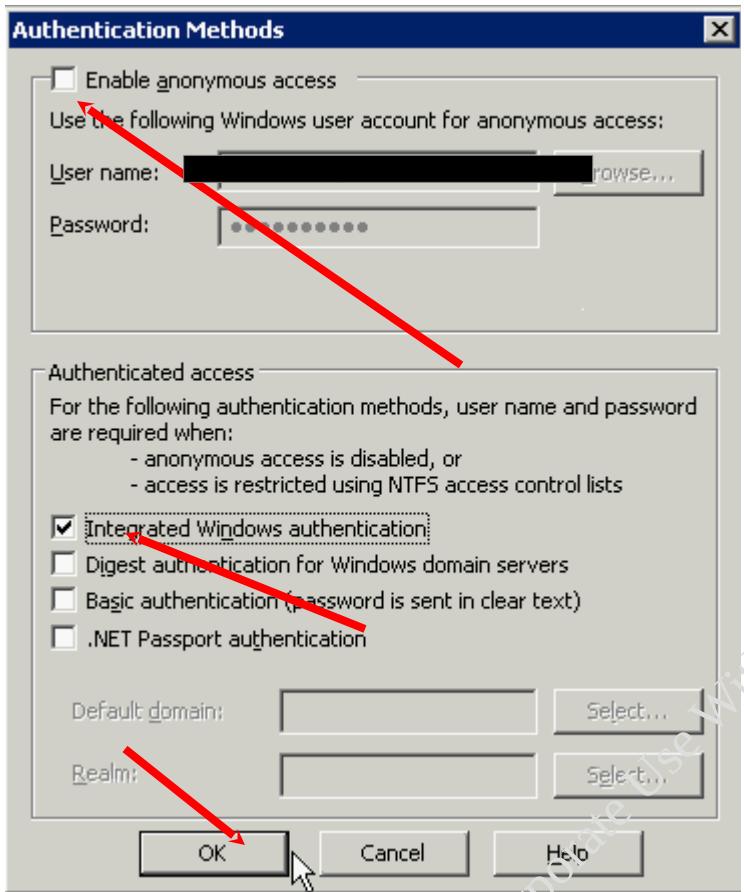
-‘Right click’ on ‘frontier’ > properties



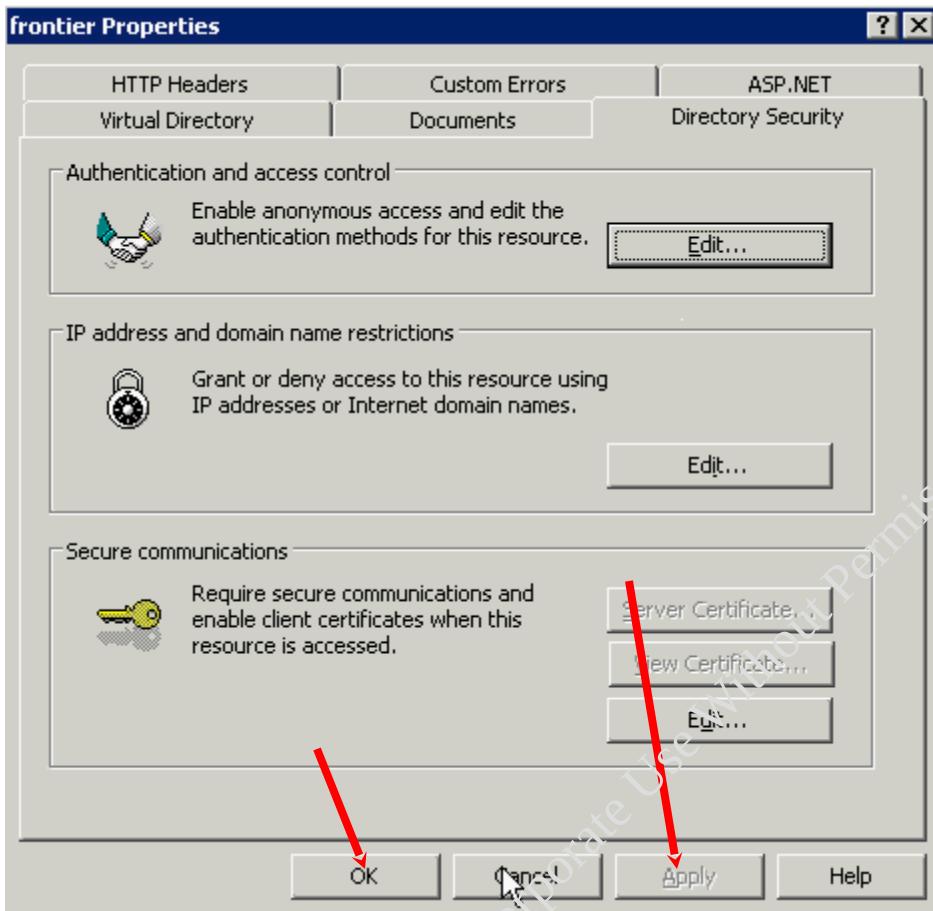
- Click on ‘remove/create’, click on ‘directory security’
- Repeat steps for setting authentication and access control settings





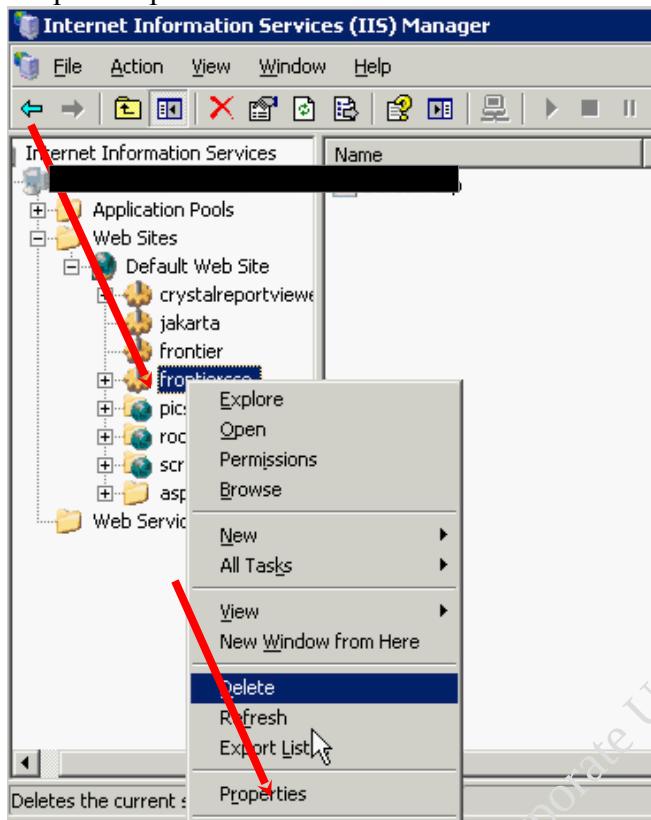


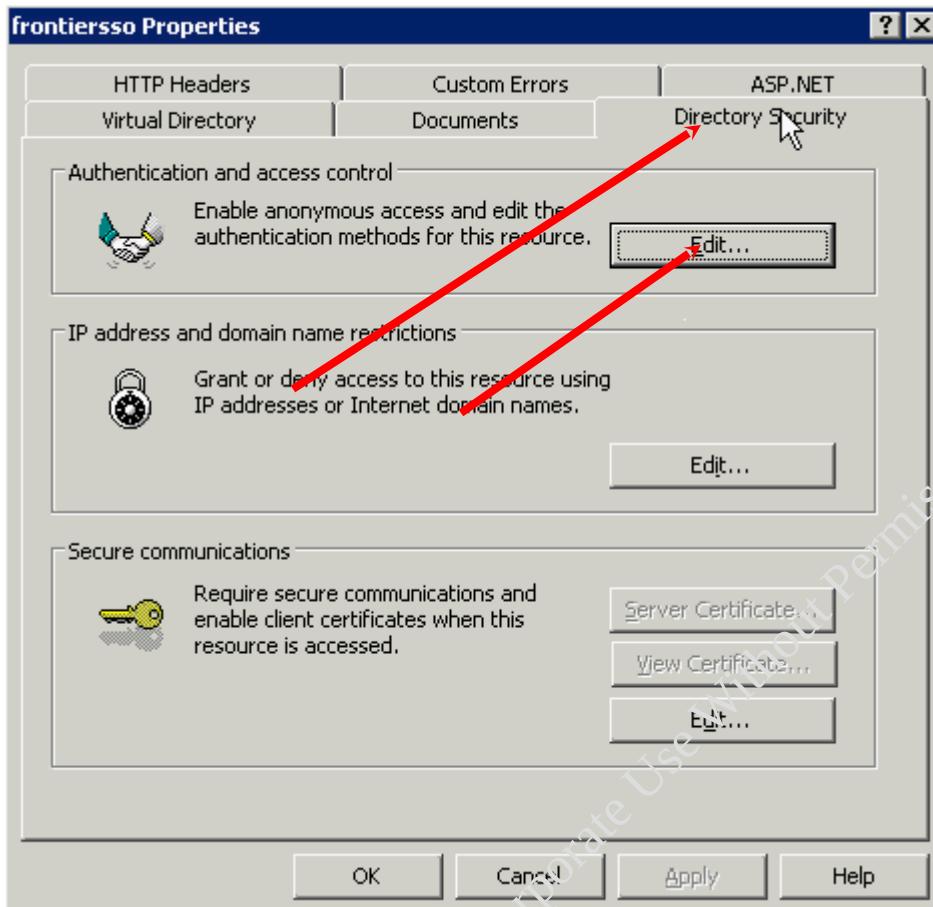
Personal Intellectual Property. No Corporate Use. Without Permission. ©Kim Tran

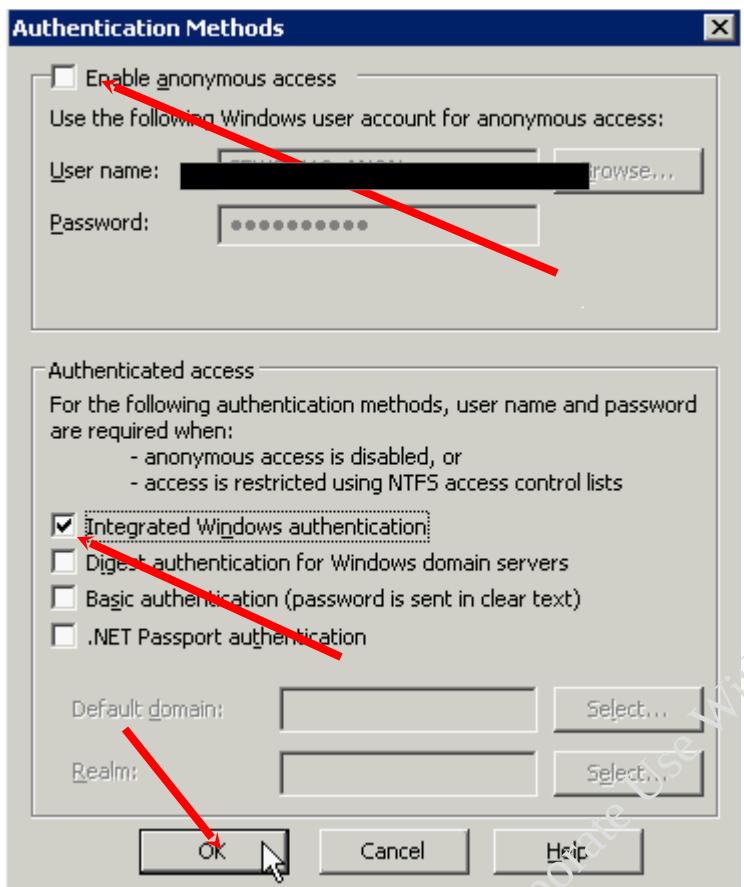


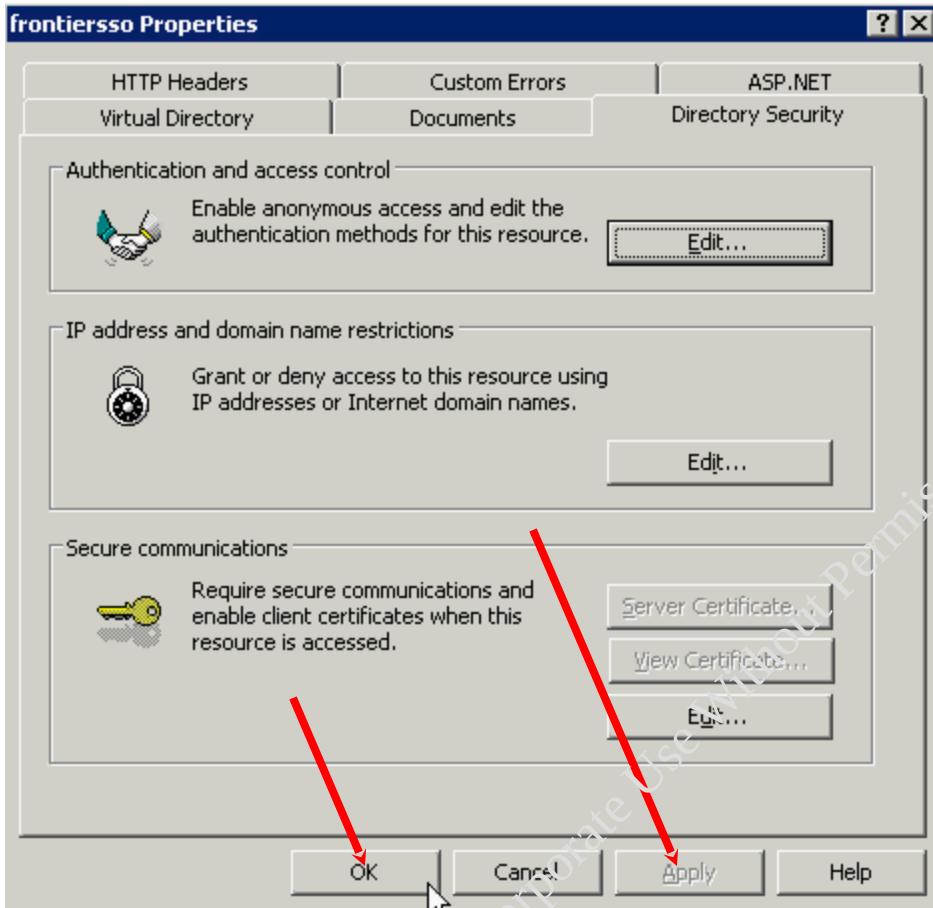
Personal Intellectual Property. No Commercial Use or Distribution. ©Kim Tran

- “Right click” on ‘frontiersso’ > properties
- Repeat steps for authentication and access control settings





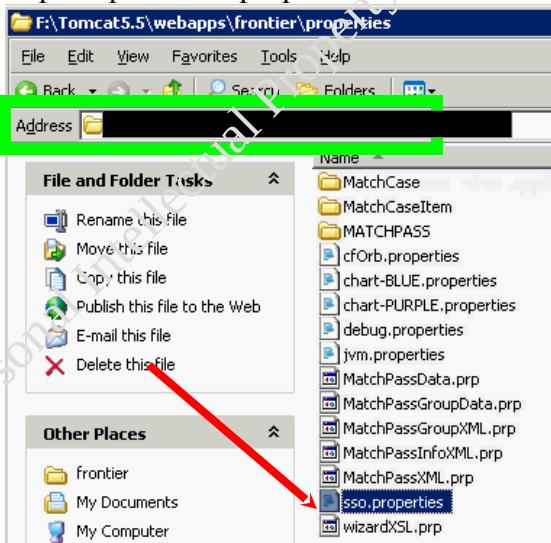




-Navigate to the appropriate directory, in this example:

- f:\tomcat5.5\webapps\frontier\properties

-Open up the 'sso.properties' file

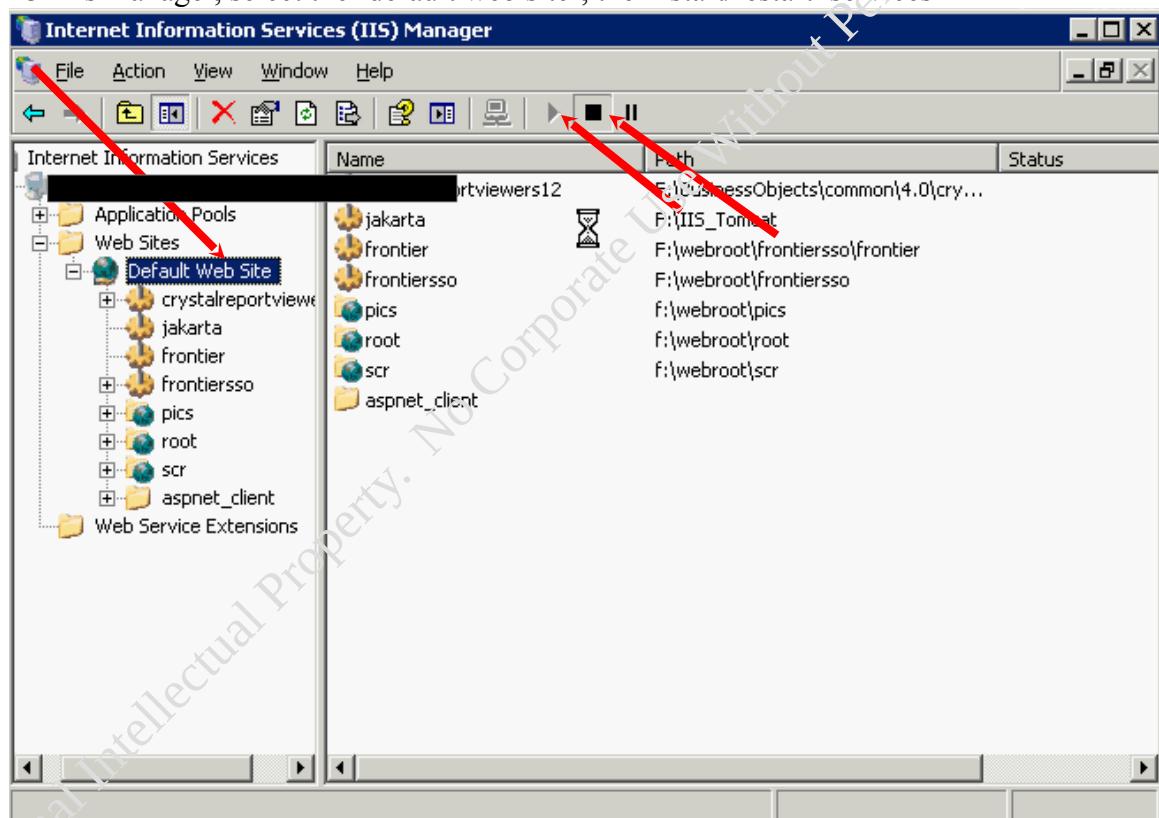


-Edit the appropriate sections, then save and close (file > save; file > close/exit)

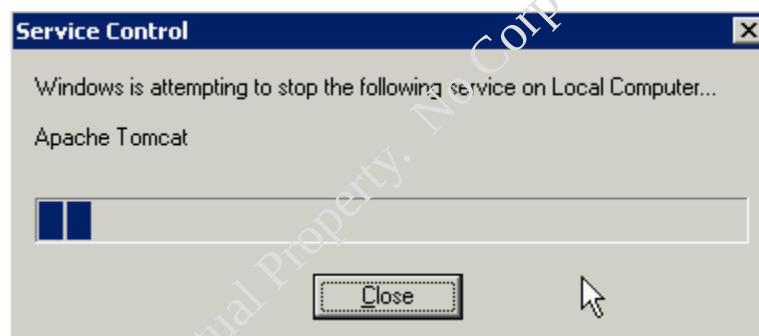
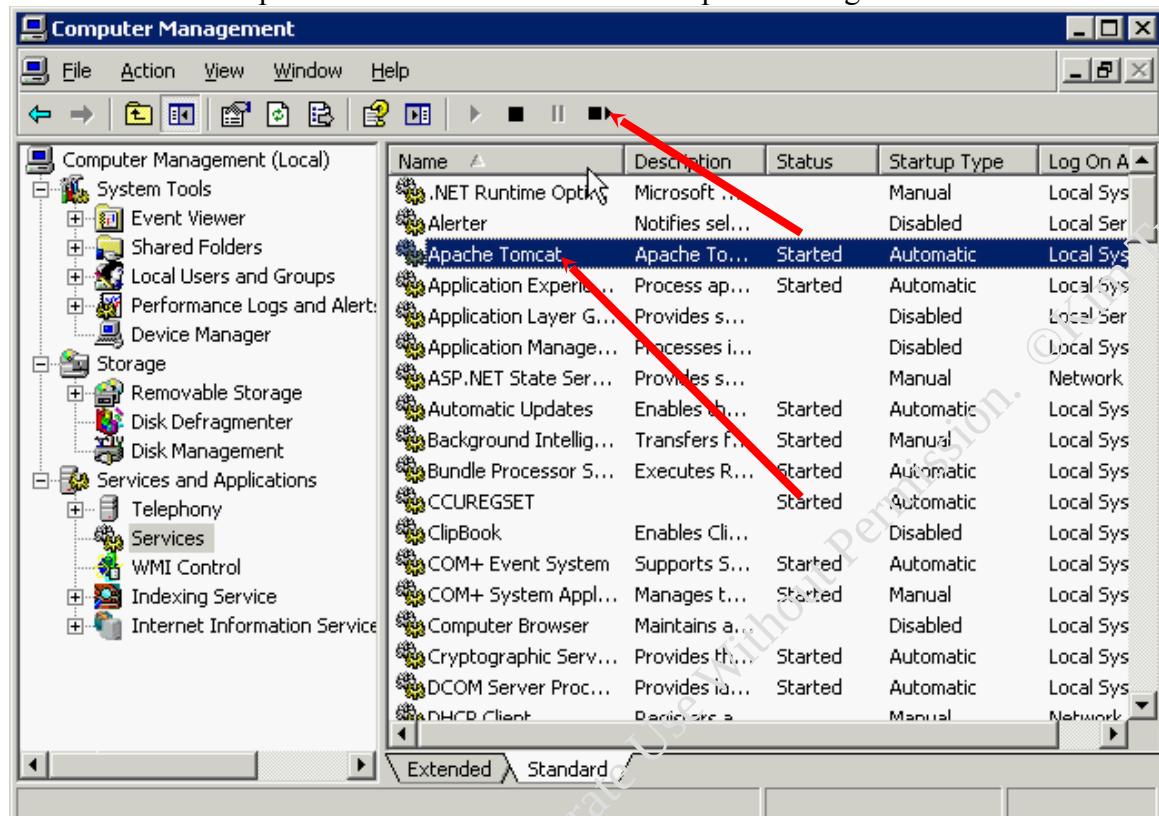
```
sso.properties - Notepad
File Edit Format View Help
#Following properties needs to be defined only if Active Directory Server is used for user validation.
#validator=Active Directory Server
#referer must match the URL the users will use to access the application.
#referer=http://IISMachineName/frontier
```

```
sso.properties - Notepad
File Edit Format View Help
#Following properties needs to be defined only if Active Directory Server is used for user validation.
#validator=Active Directory Server
#referer must match the URL the users will use to access the application.
referent=ht[REDACTED]
```

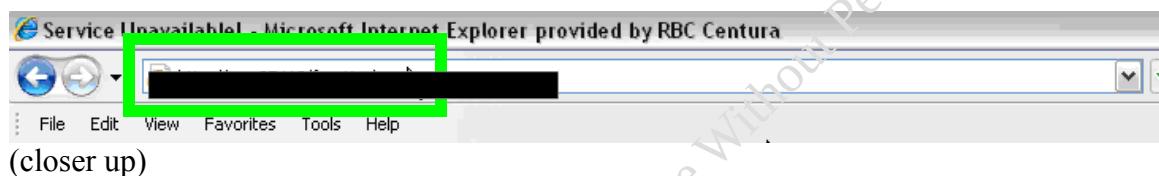
-On iis manager, select the ‘default web site’, then ‘start/restart’ services



-Start/Restart the ‘apache tomcat’ services under ‘computer management’

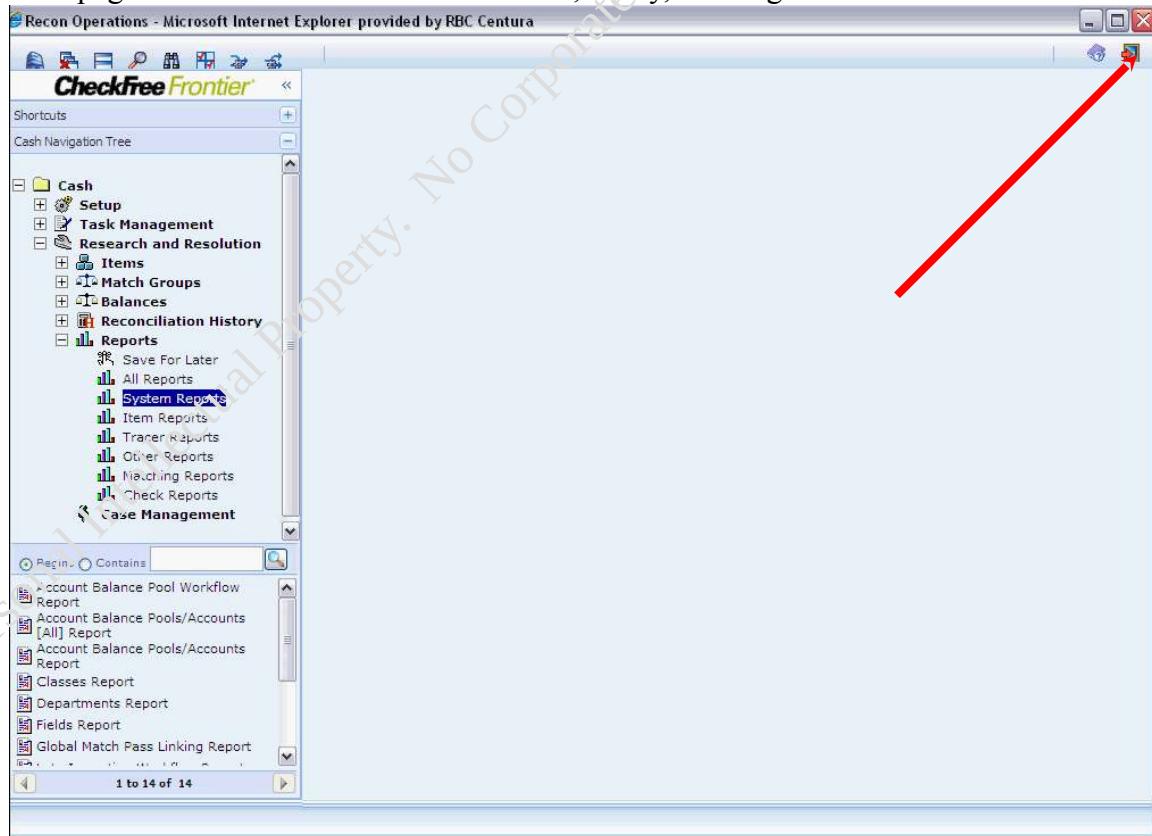


-Try to access the webpage in a browser (Internet Explorer)
If at the following page/screen, see the [troubleshooting](#) section



(closer up)

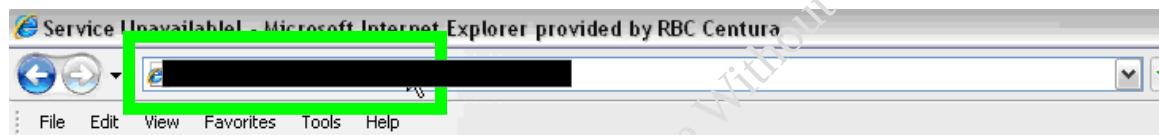
-The page/screen should be similar to below, verify, then log out



-When done, close all applications/windows, then log off

--Troubleshooting--

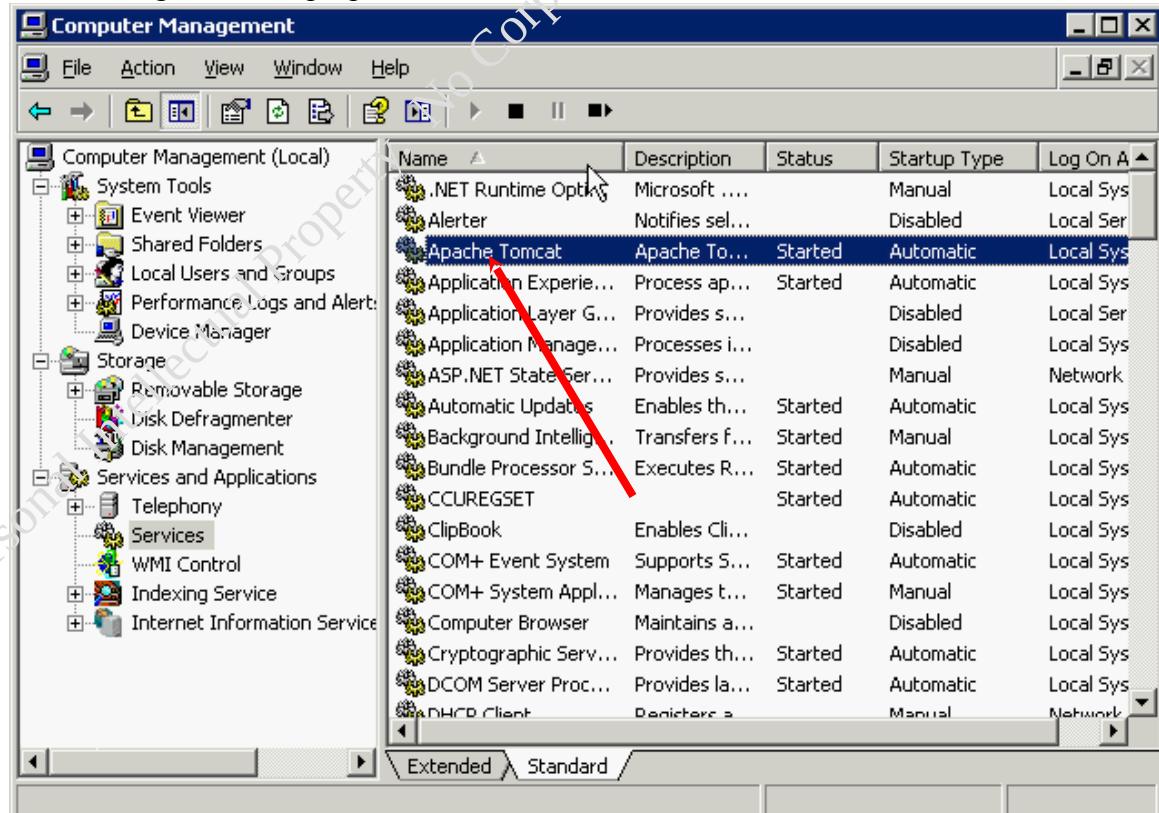
-When trying to access the website, if this following page comes up...



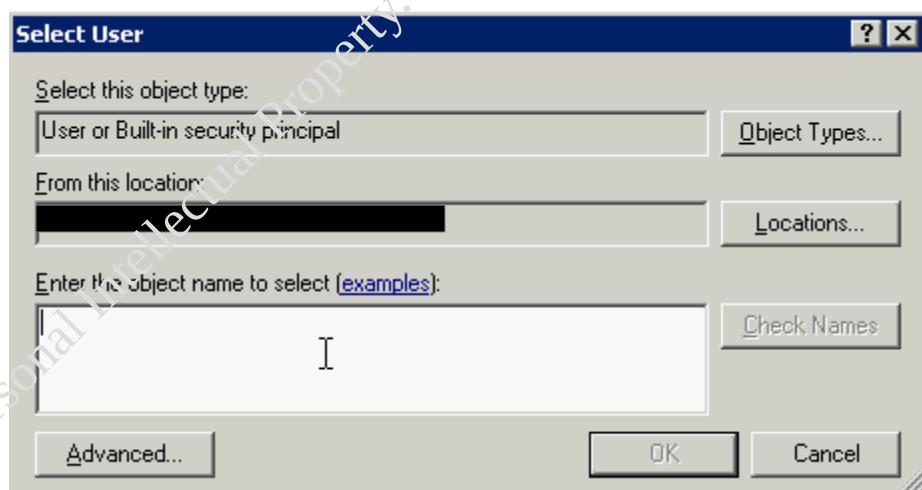
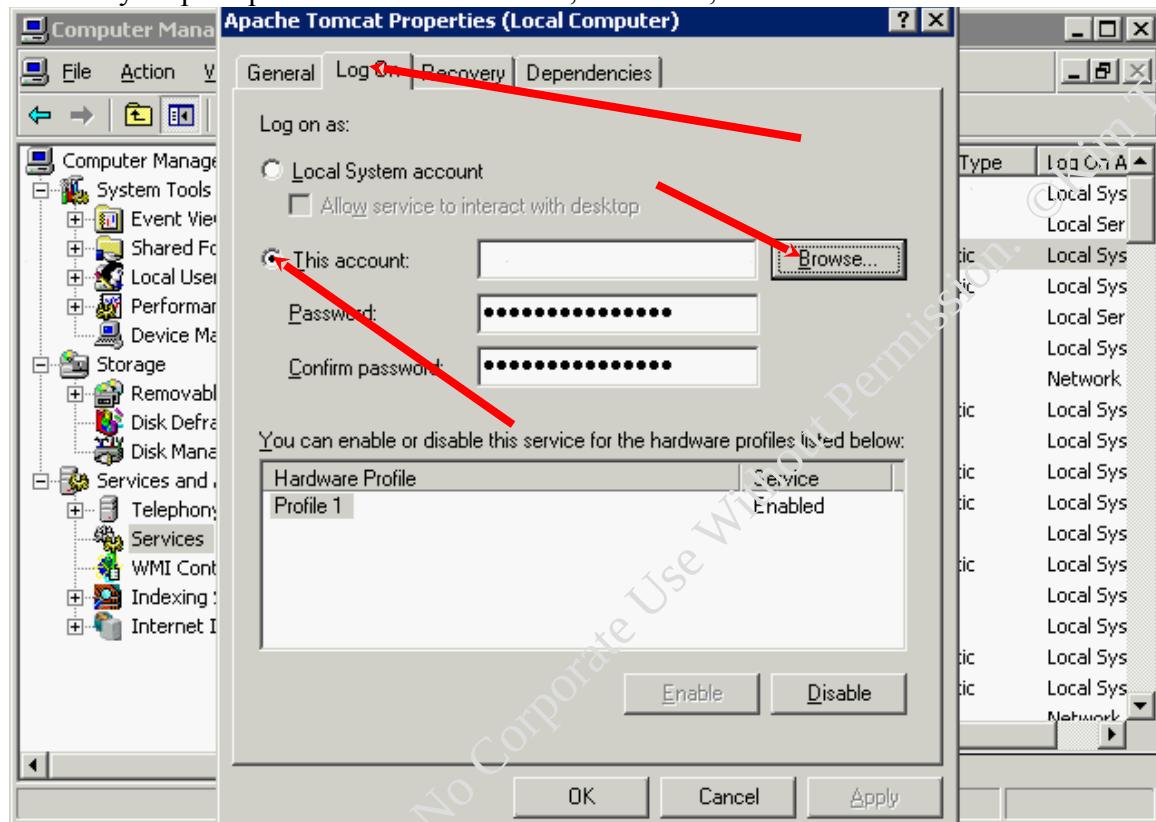
(closer up)

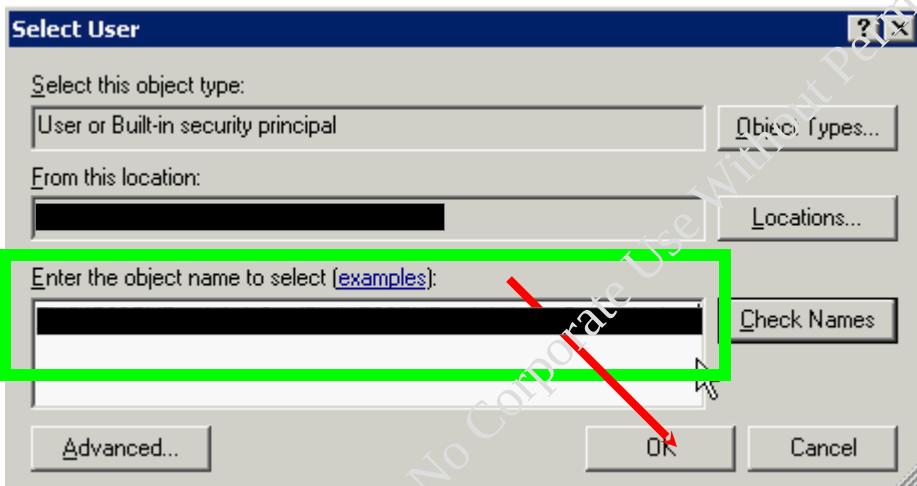
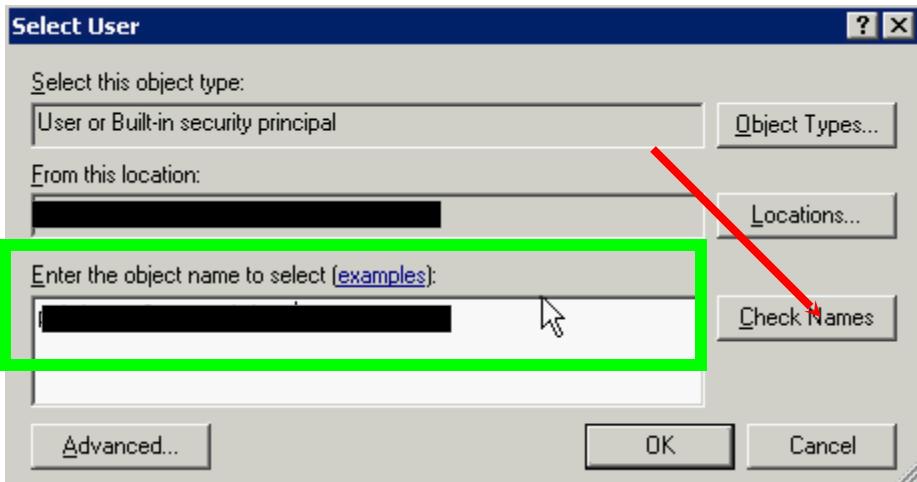
-Open up the 'properties' of 'apache tomcat' service

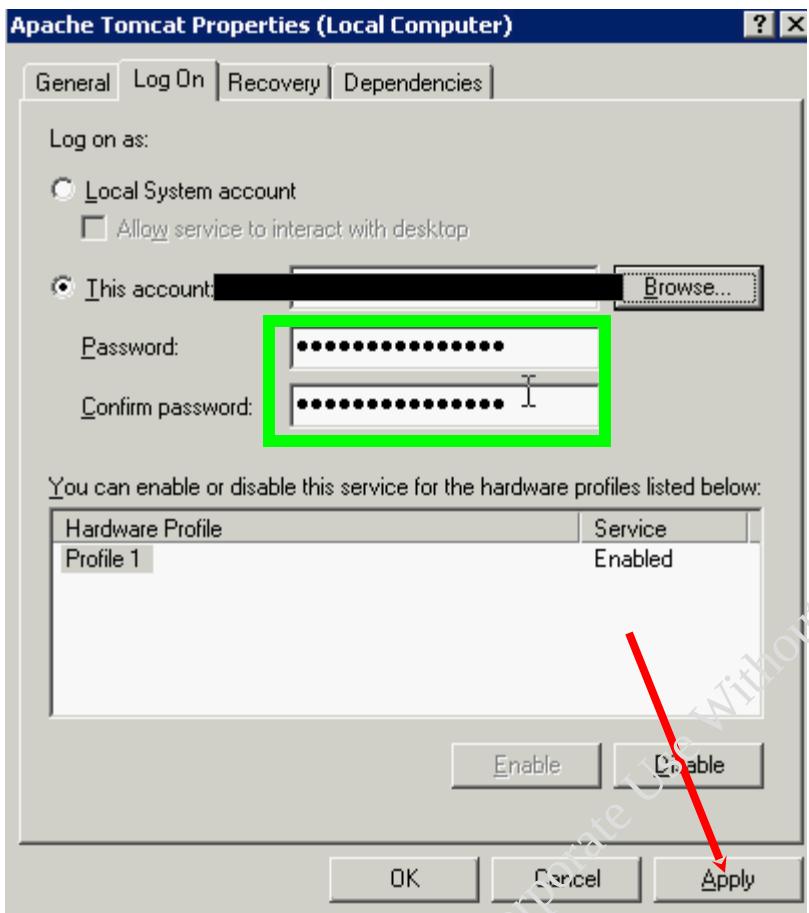
- 'right click' > properties; or doubleclick

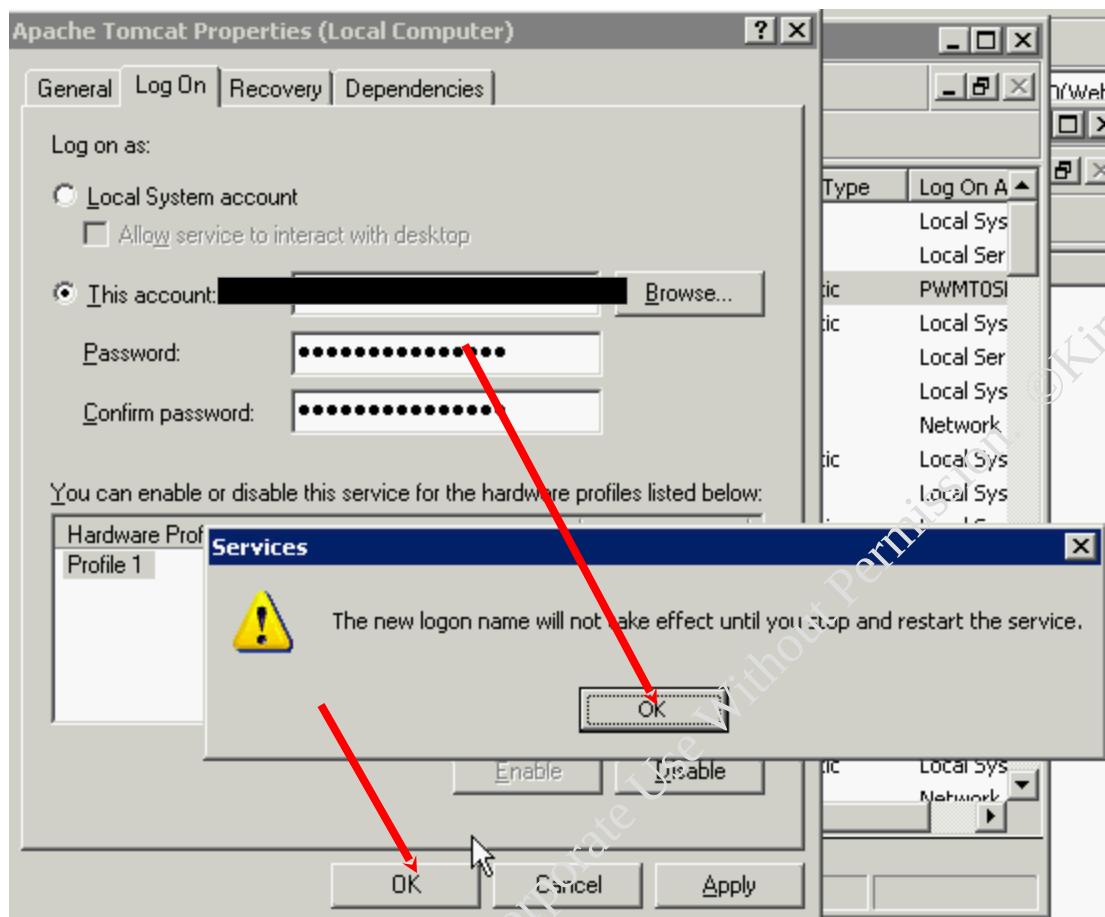


- Go to the ‘log on’ tab
- Click ‘this account’, click ‘browse’
- Edit the appropriate user/group, click ‘check names’, click ‘ok’
- Edit/confirm the password, click ‘apply’
- You may be prompted to restart the service, click ‘ok’, click ‘ok’

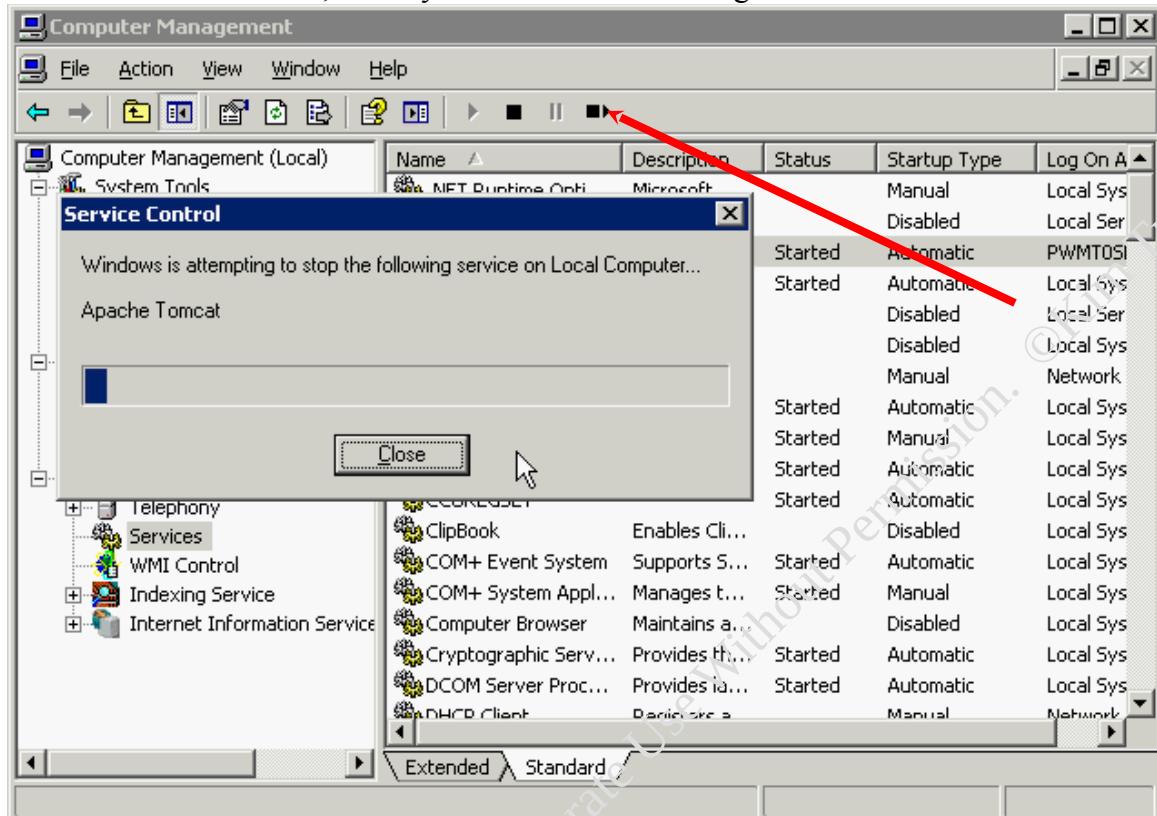








-Start/Restart the service, then try to access the website again



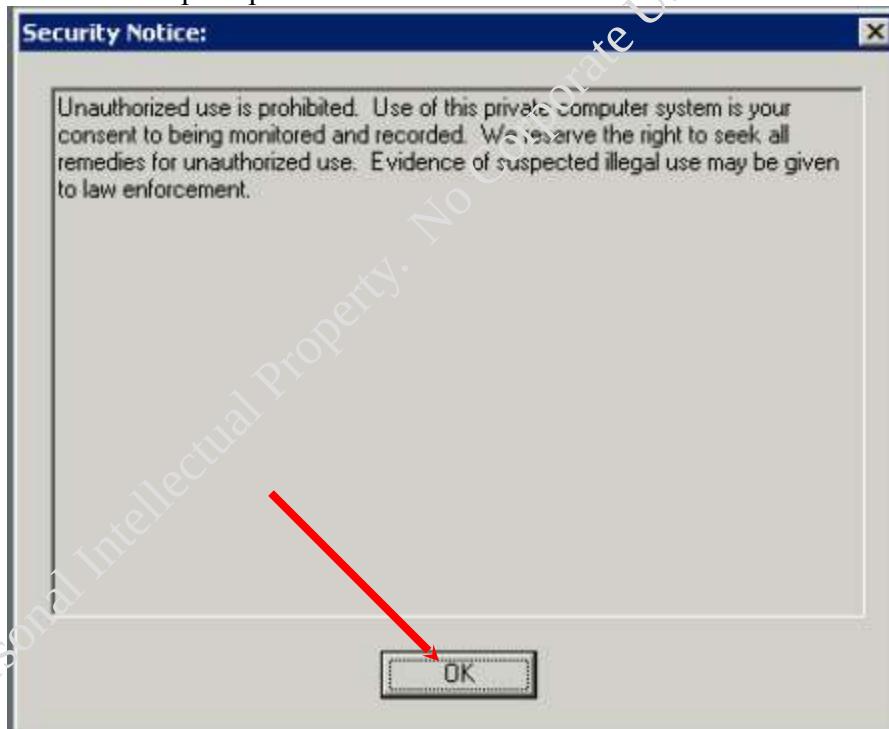
FRS-Frontier – 19 – ocx control setup install, checkfree transfer manager install

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



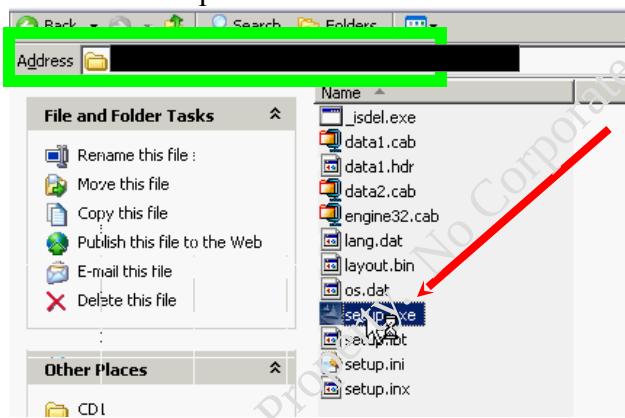
-Enter credentials to log in



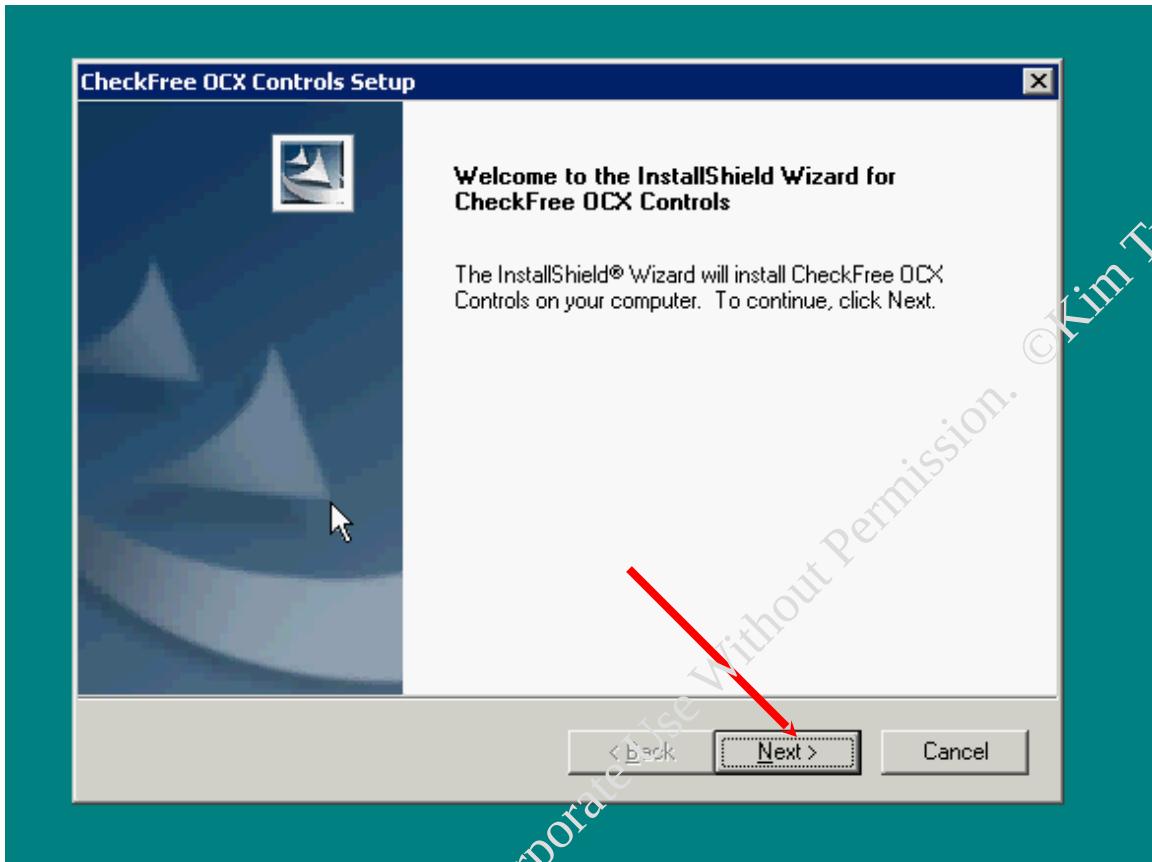
-Navigate to the appropriate directory

-In this example: f:\install_media\cd1\ocx

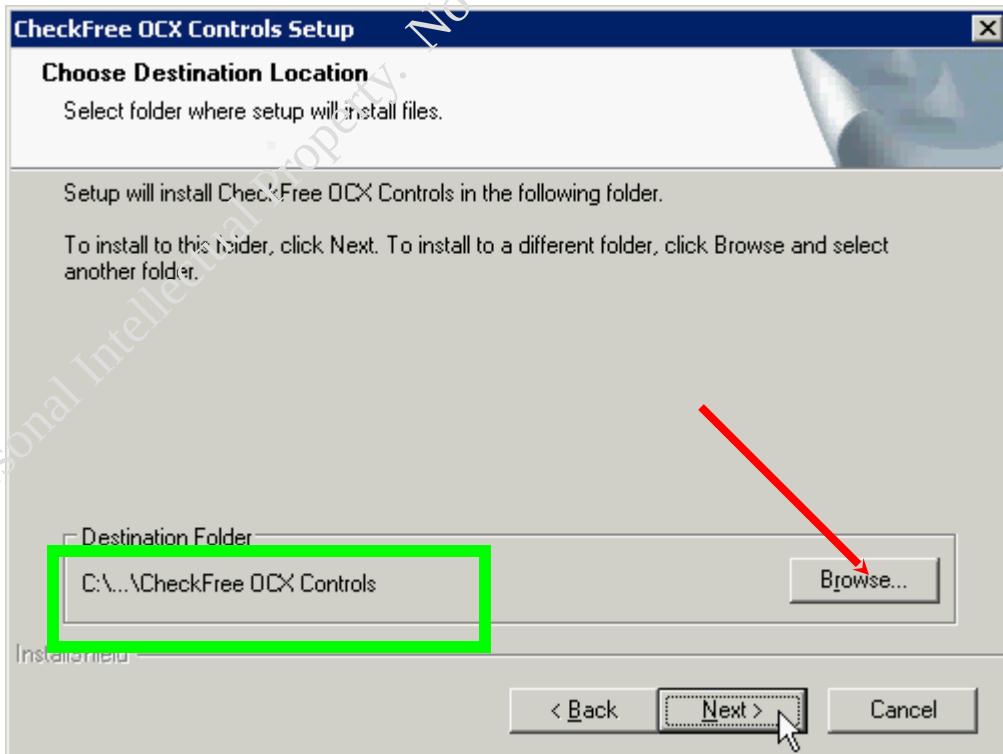
-Click on 'setup.exe'



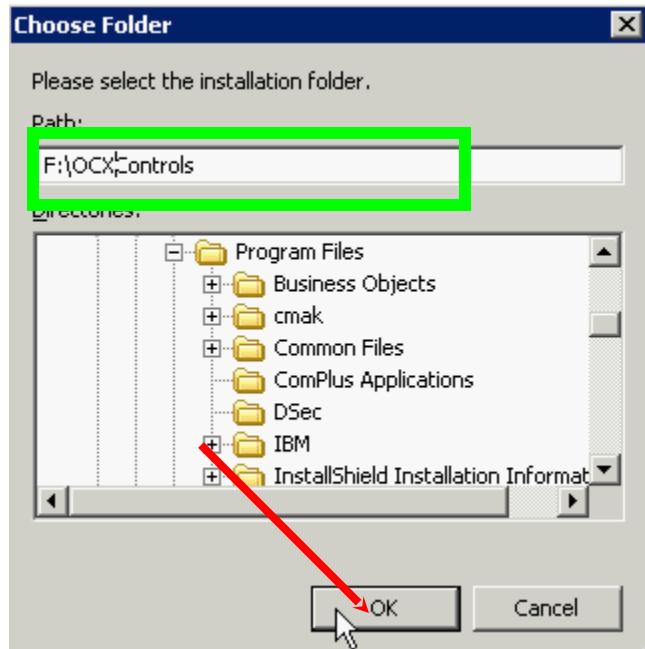
-Click on 'next'



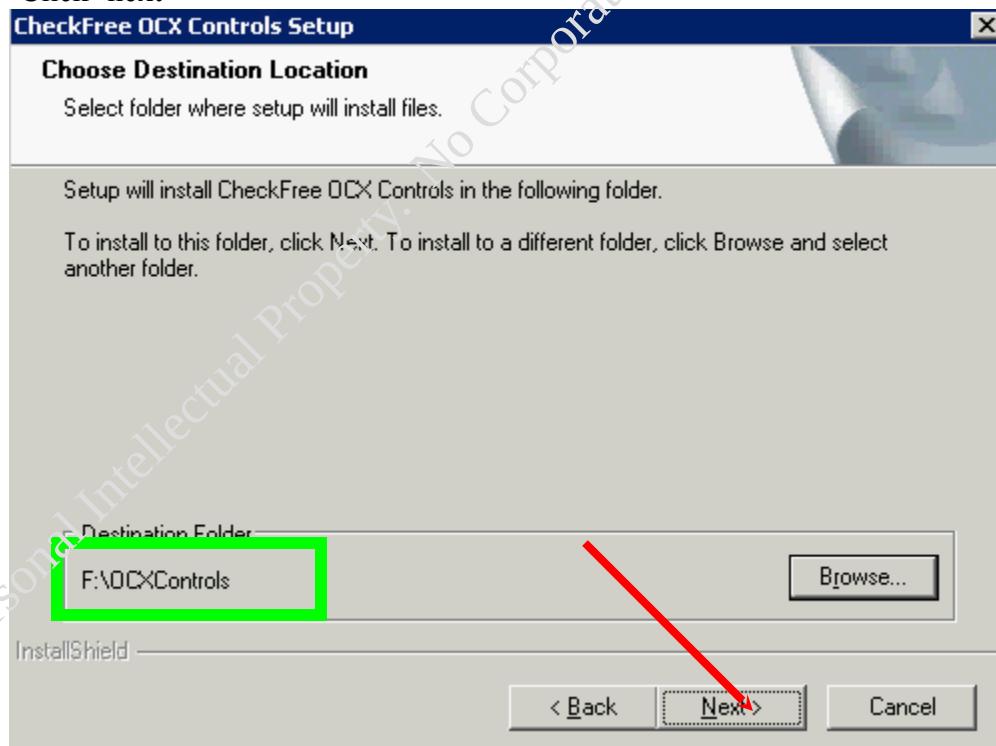
-Click on 'browse'



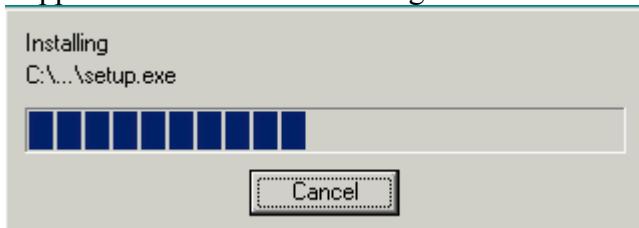
- Change to the appropriate directory
- In this example: f:\ocxcontrols
- Click 'ok'



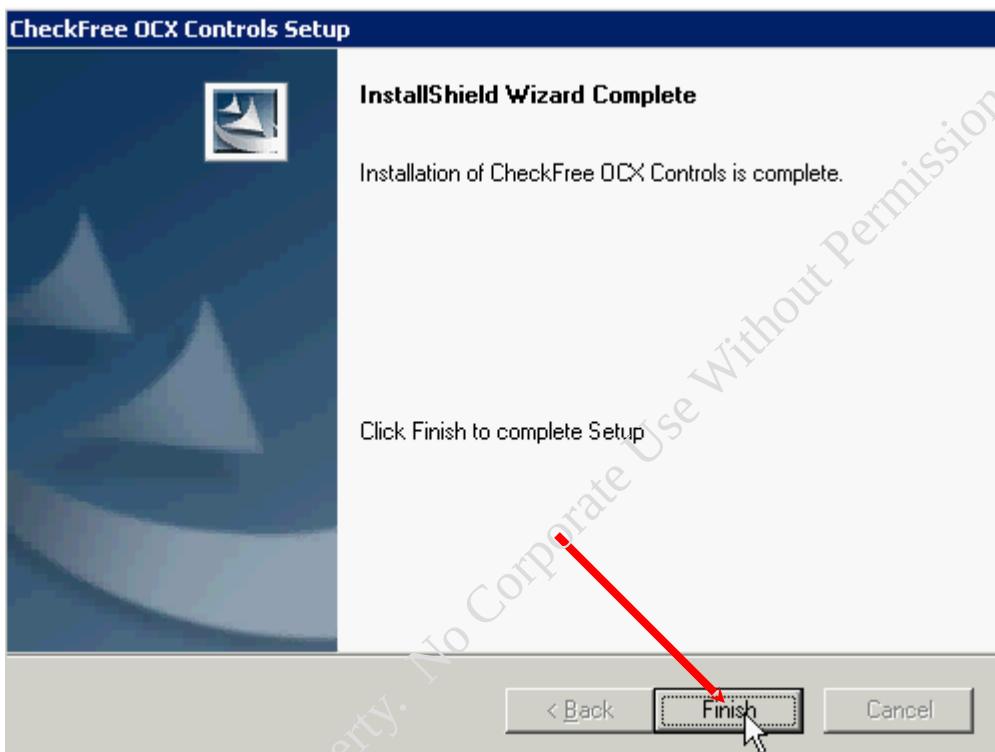
- Click 'next'



-Application should be installing



-Click 'finish'

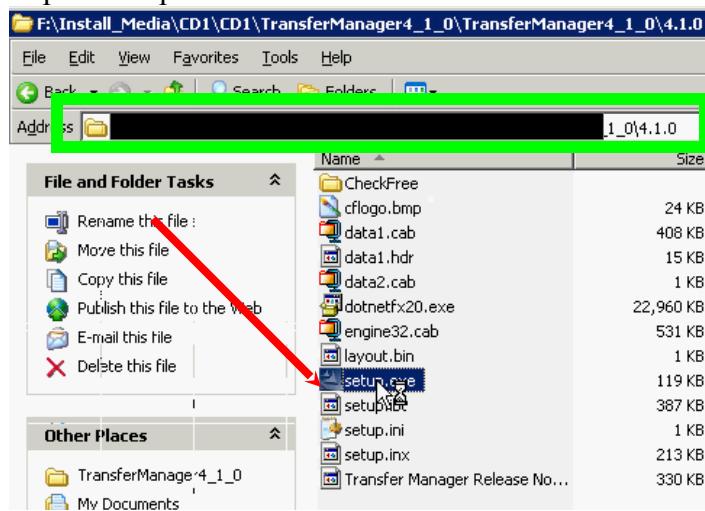


-Navigate to the appropriate directory

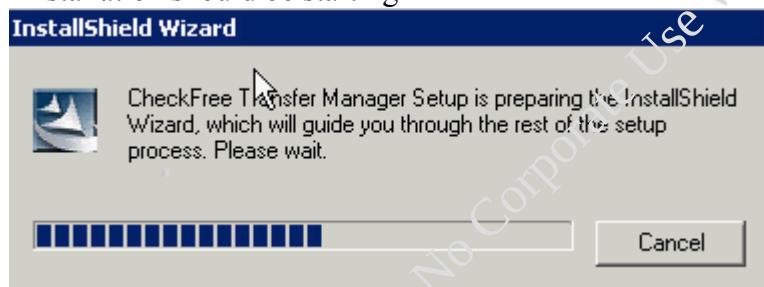
-In this example:

f:\install_media\cd1\cd1\transfermanager4_1_0\transfermanager4_1_0\4.10

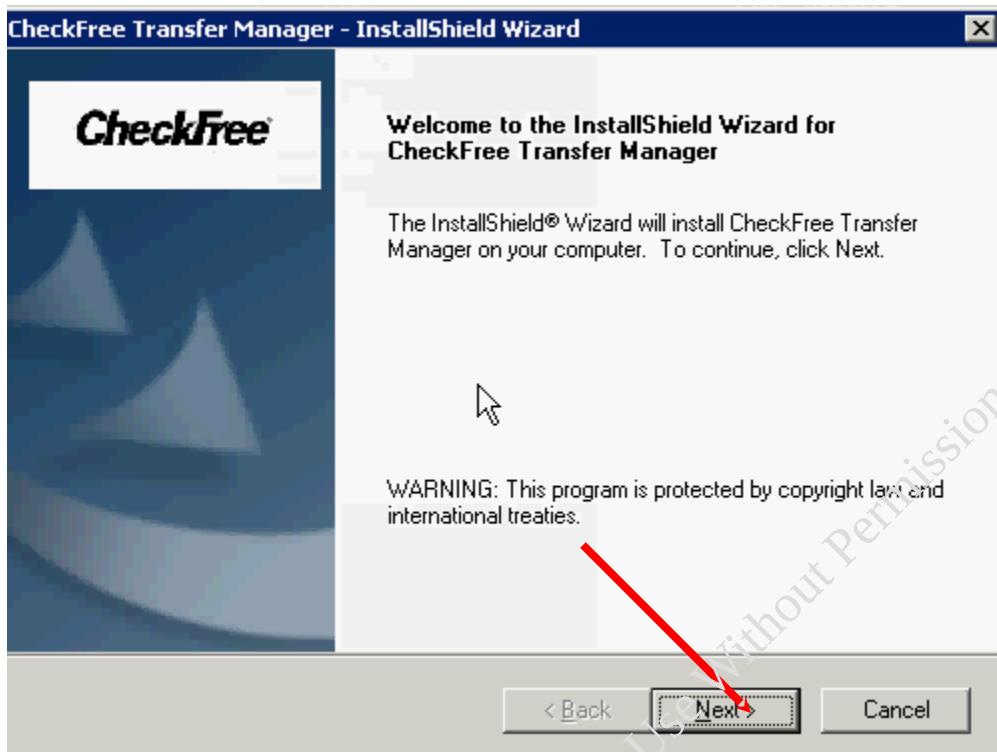
-Open 'setup.exe'



-Installation should be starting



-Click on 'next'

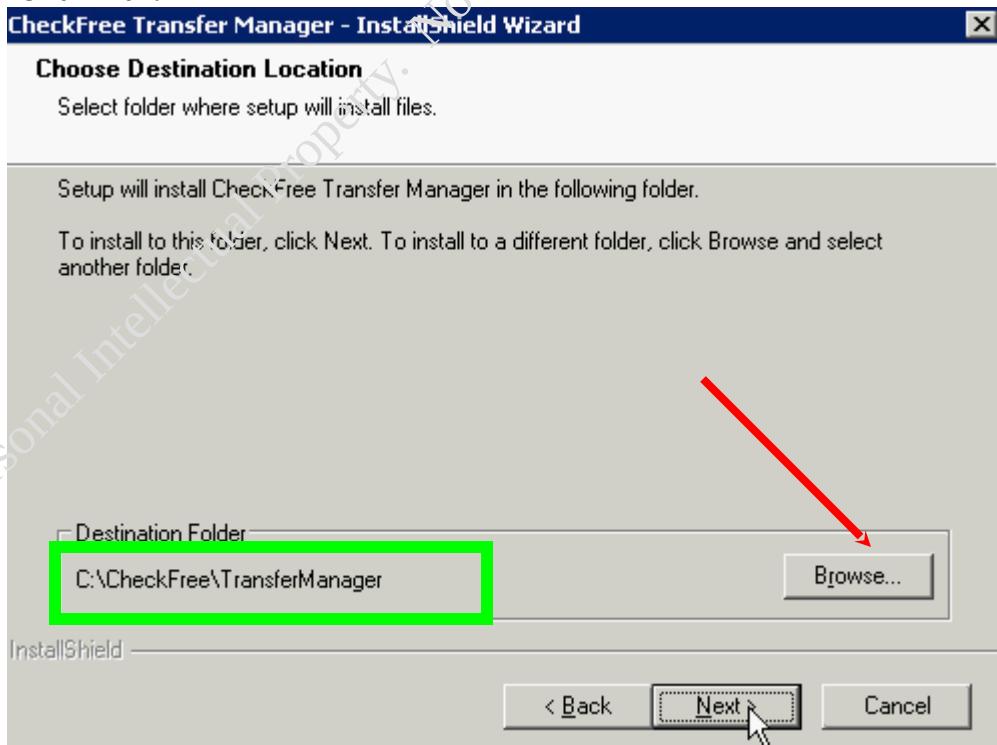


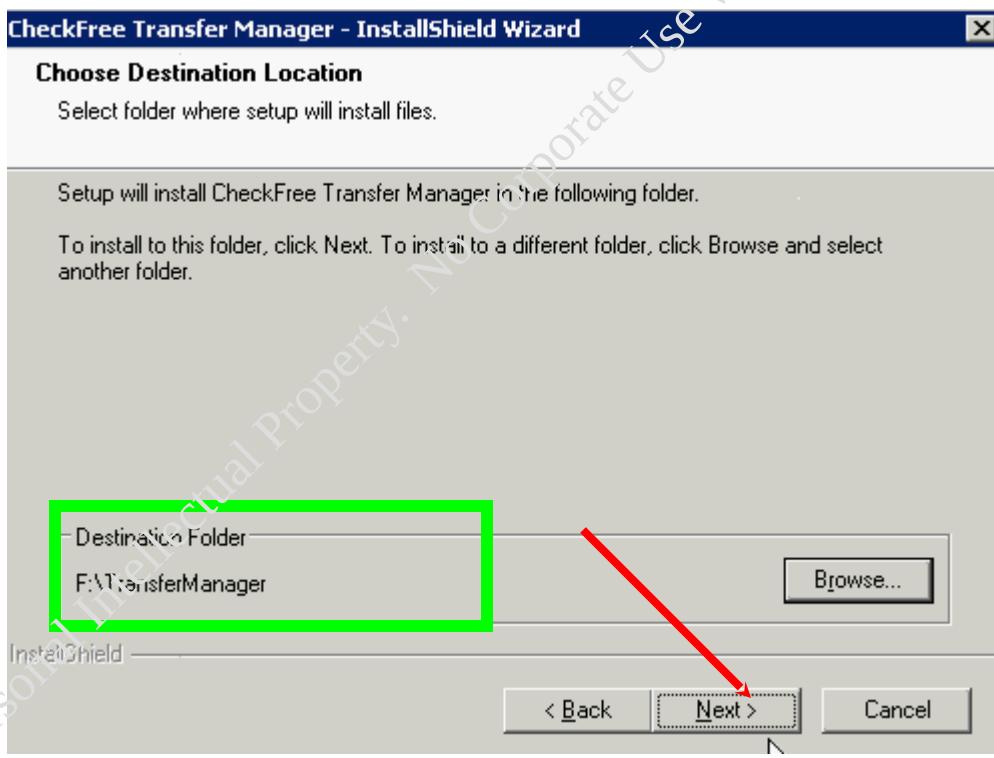
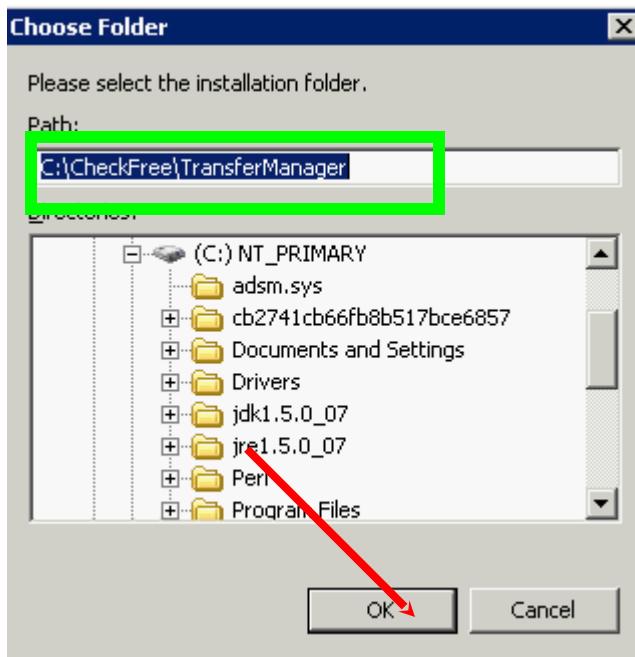
-Click on 'browse'

-Change to the appropriate directory

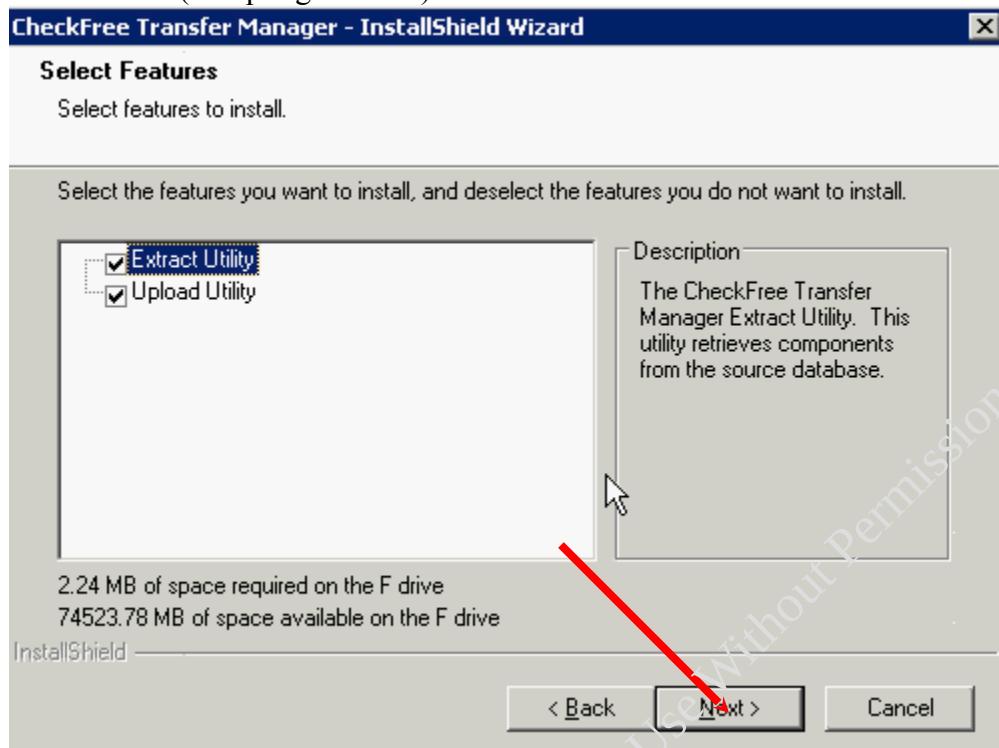
-In this example: f:\transfermanager, click 'ok'

-Click 'next'

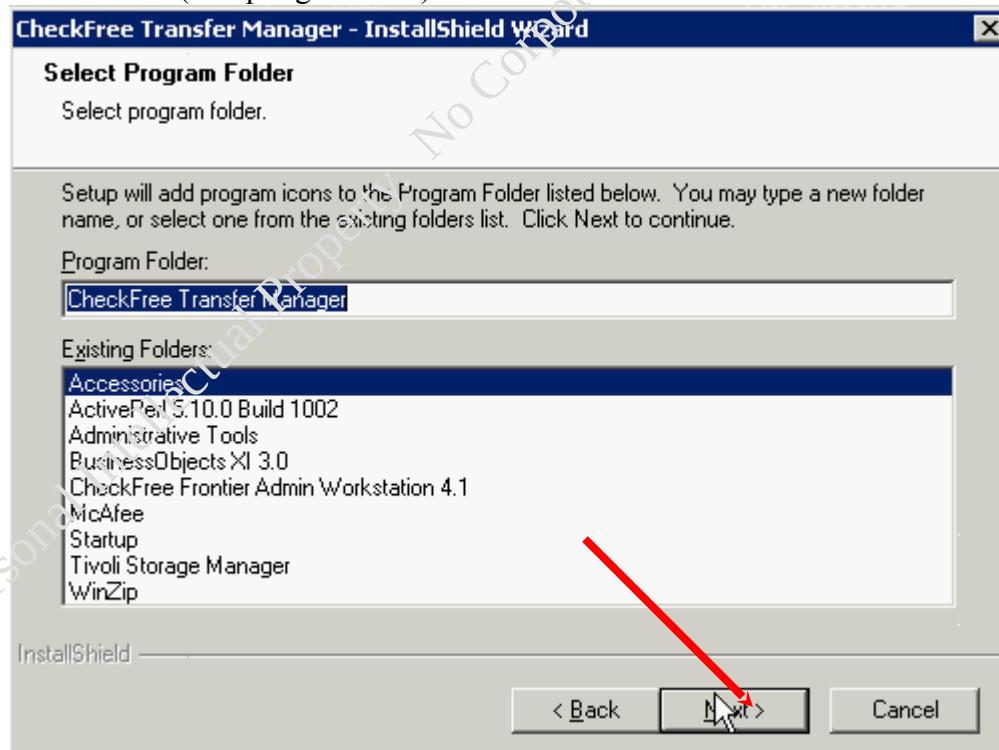




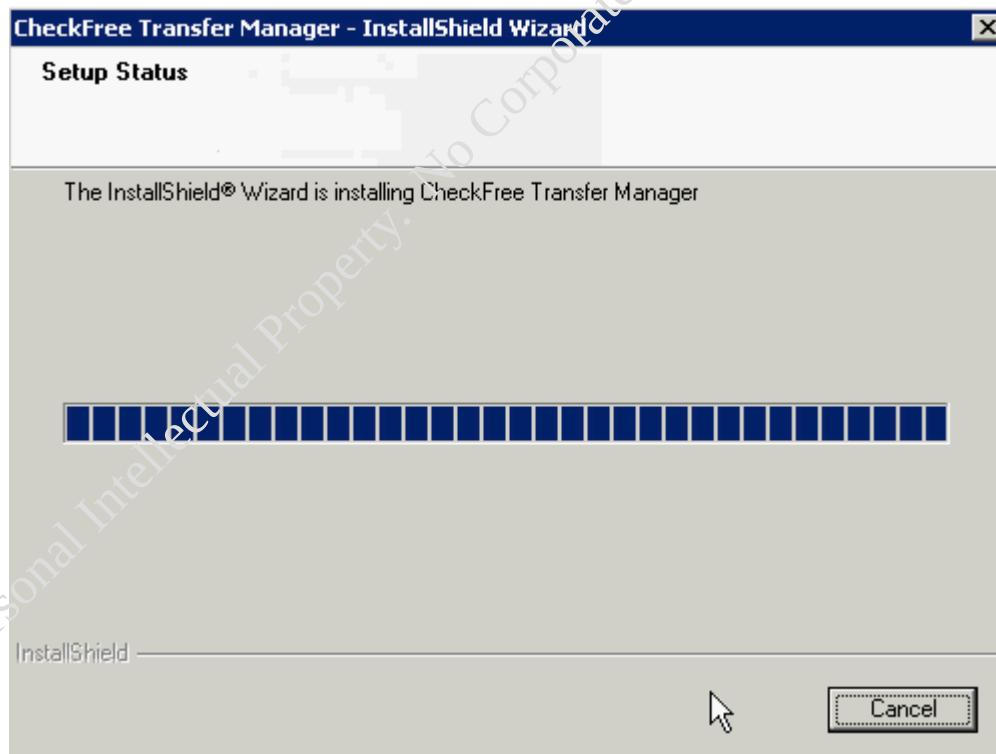
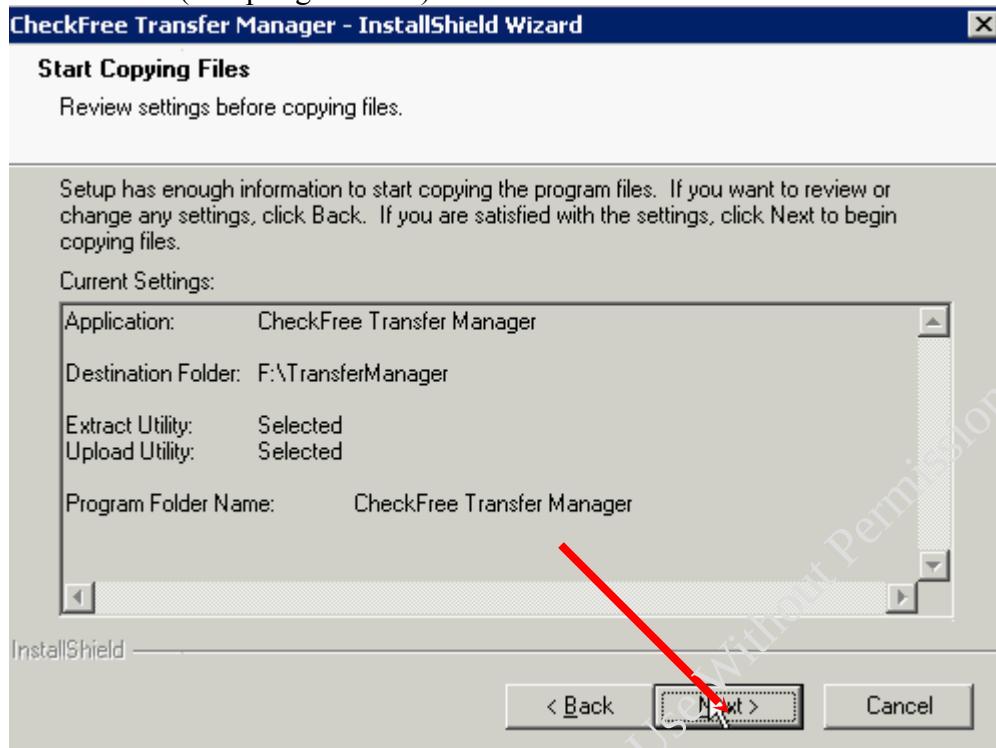
-Click 'next' (accepting defaults)



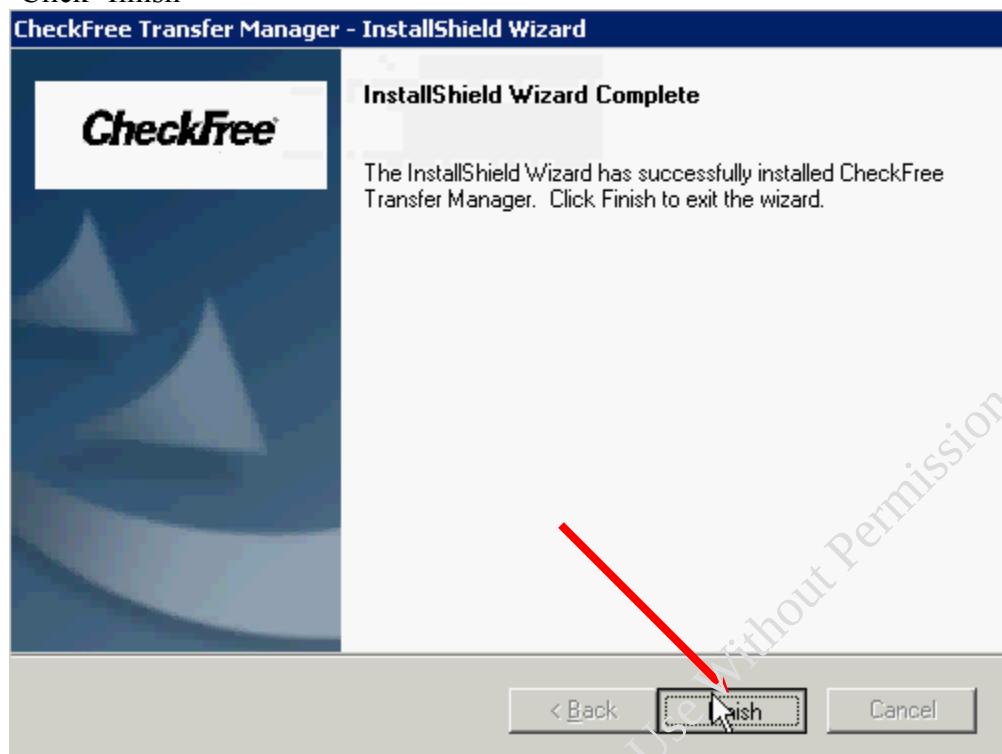
-Click 'next' (accepting defaults)



-Click 'next' (accepting defaults)



-Click ‘finish’



-When done, close all applications/windows, then log off

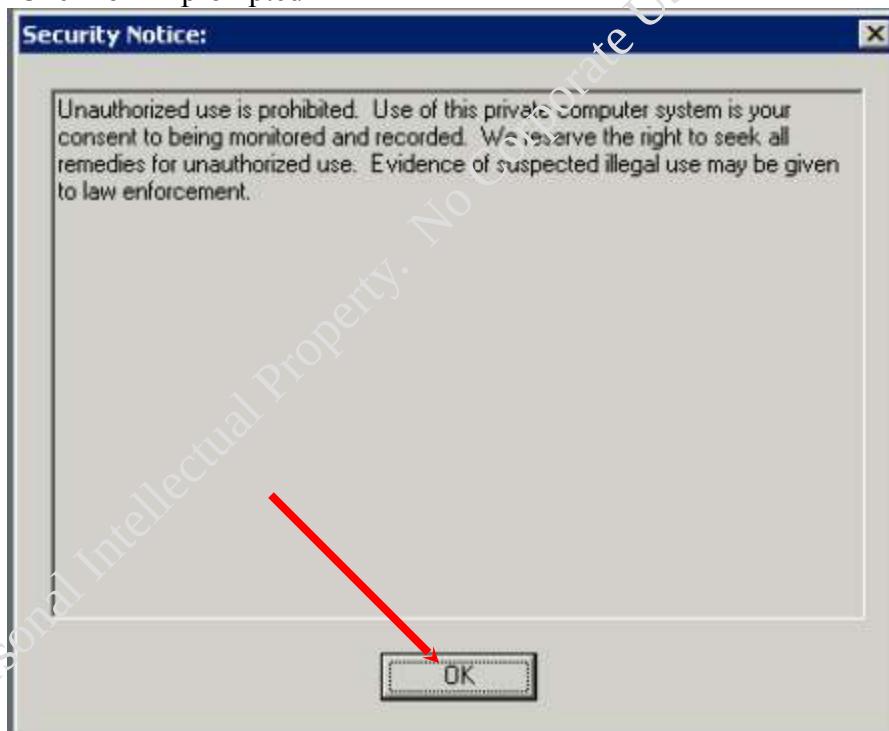
FRS-Frontier – 20 – odbc data source administrator, adding a source

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



-Click 'ok' if prompted



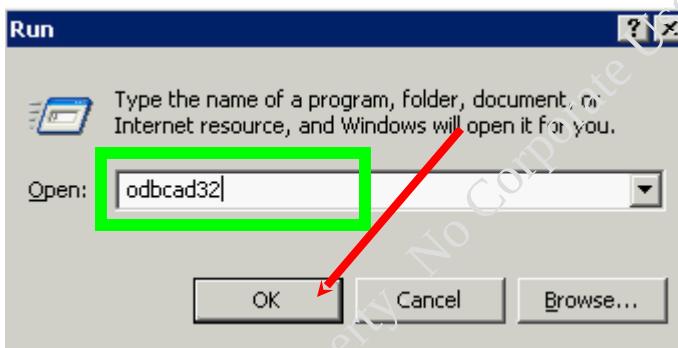
-Enter credentials to log in



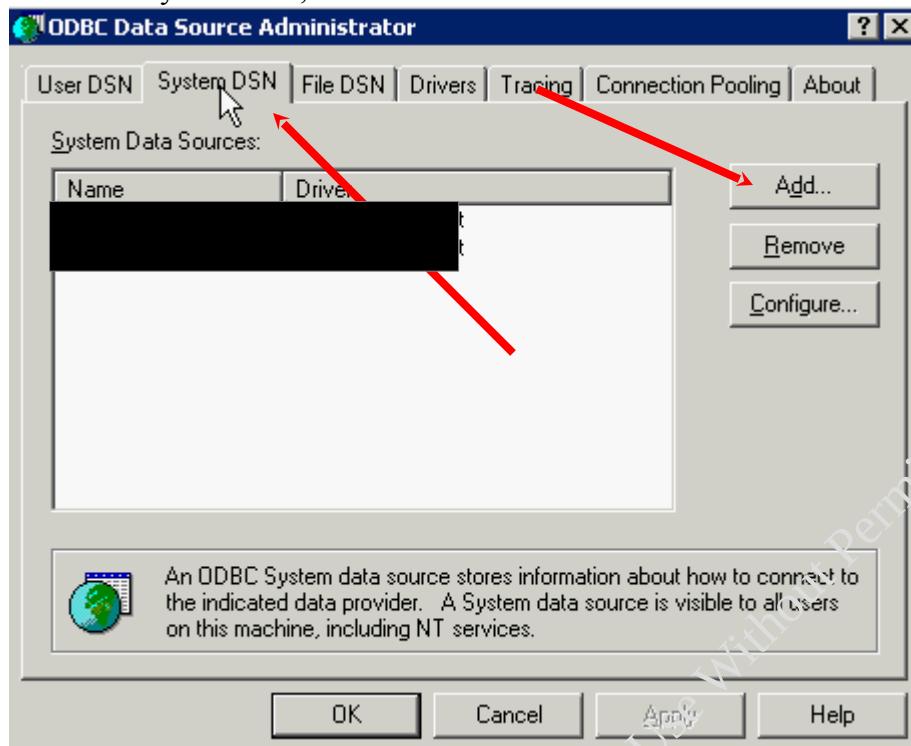
-Go to; start > run

-Type in: odbcad32

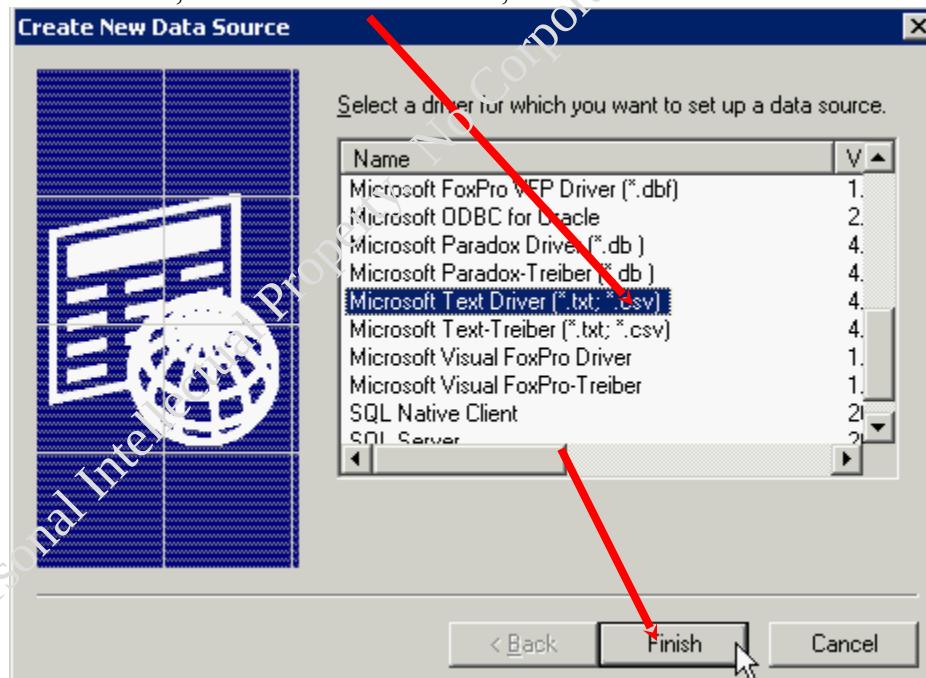
-Click 'ok'



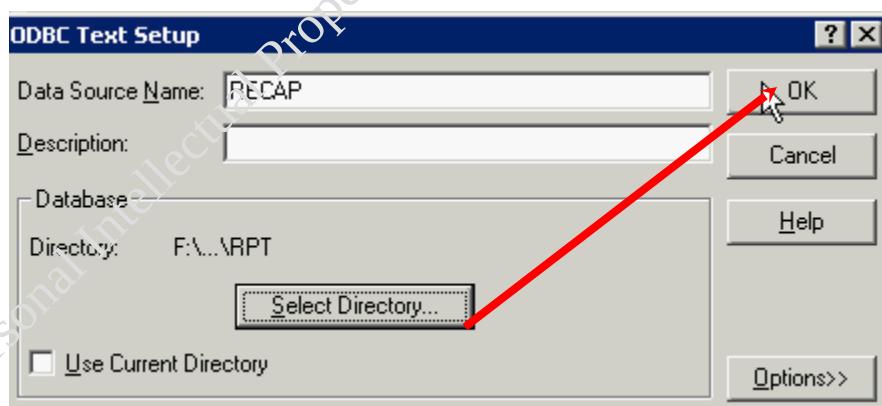
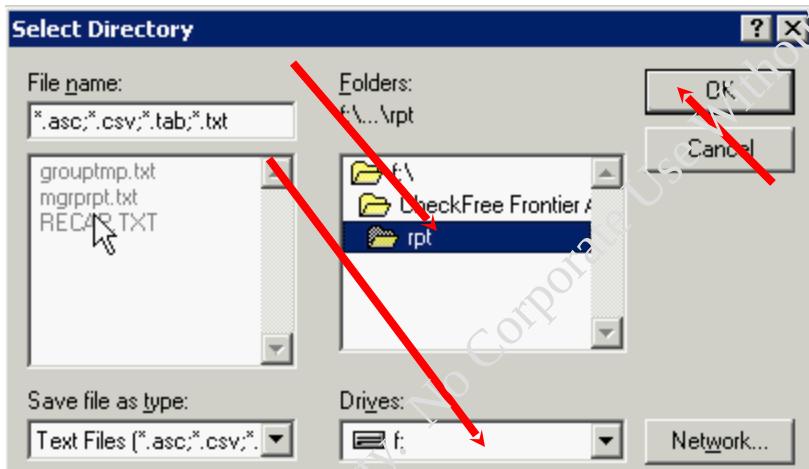
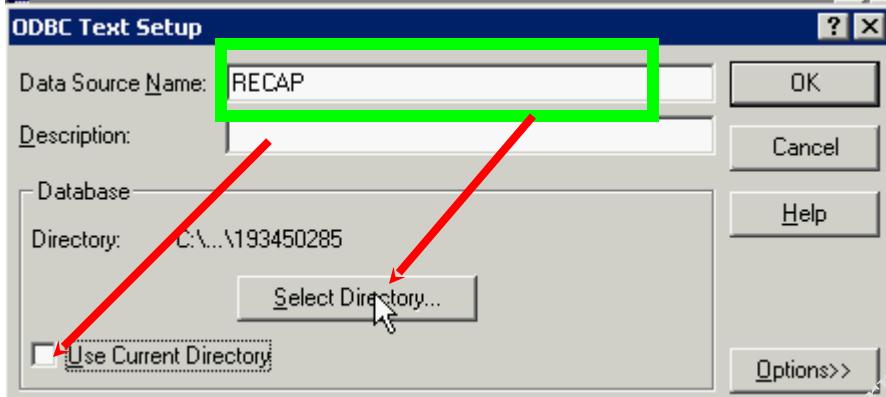
-Click on ‘system dsn’, click on ‘add’



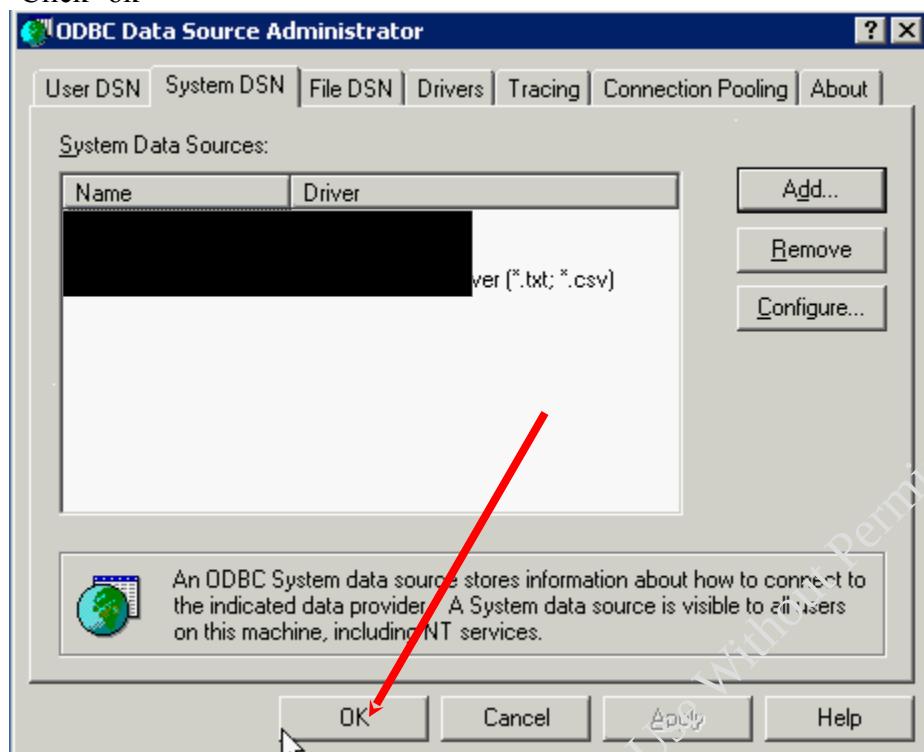
-Scroll down, click on ‘ms text driver’, click ‘Finish’



- Enter/update the appropriate fields
- UNcheck the ‘use current directory’
- Click on ‘select directory...’ select the appropriate directory
- In this example: f:\checkfreefrontier a...\\rpt



-Click ‘ok’

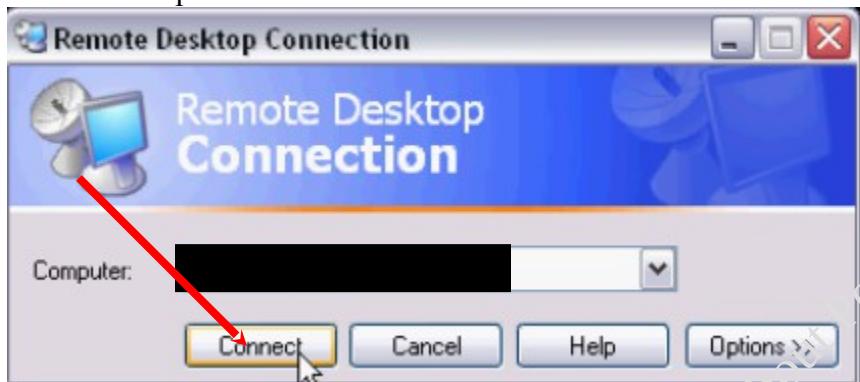


-When done, close all applications/windows, then log off

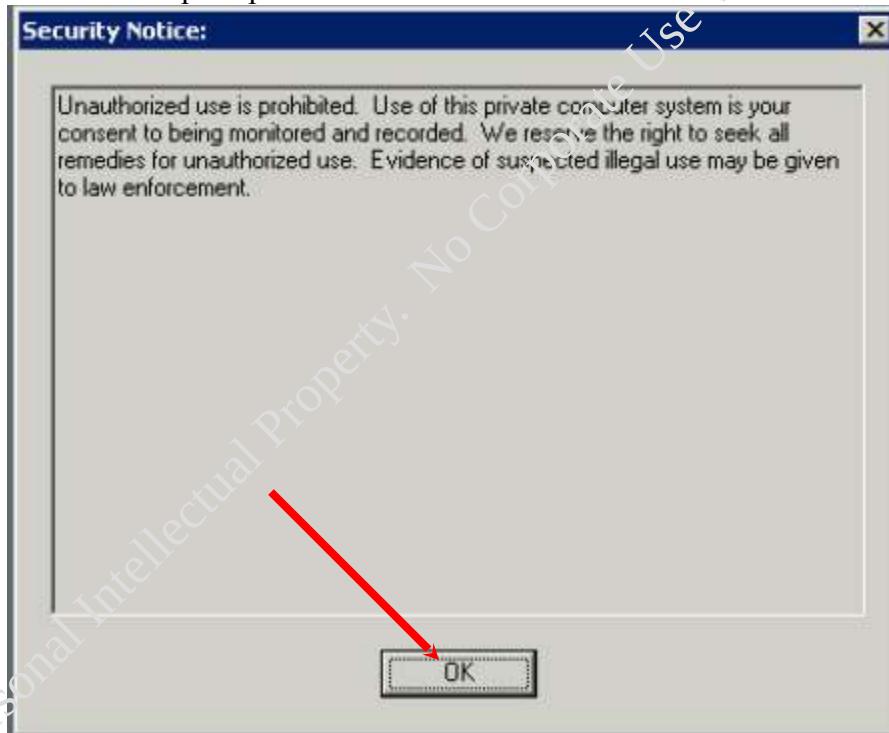
FRS-Frontier – 21 – backup, edit, running sql scripts

-You may need to remote desktop into the appropriate server:

-In this example: sew07410



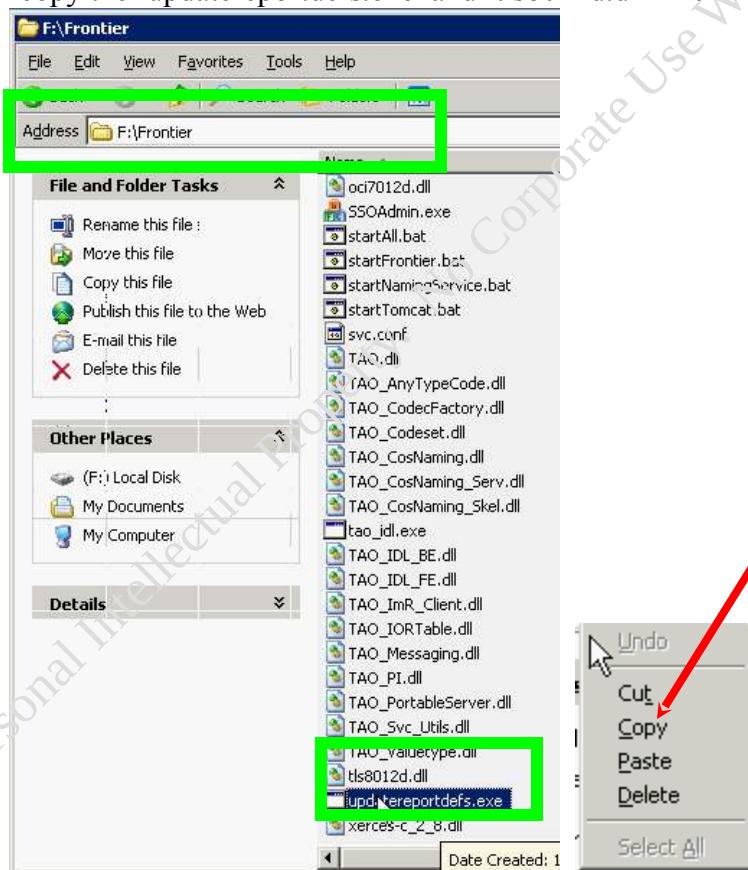
-Click 'ok' if prompted



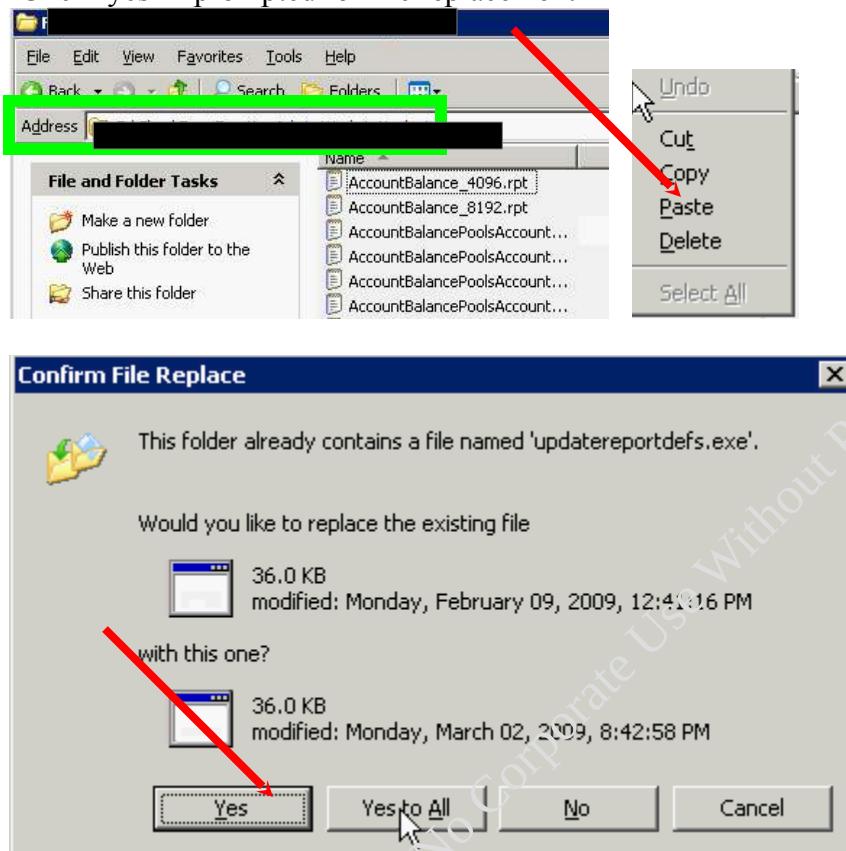
-Enter credentials to log in



-Navigate to the appropriate directory, in this example: f:\frontier
-copy the 'updatereportdefs.exe' and 'tls8012d.dll' file

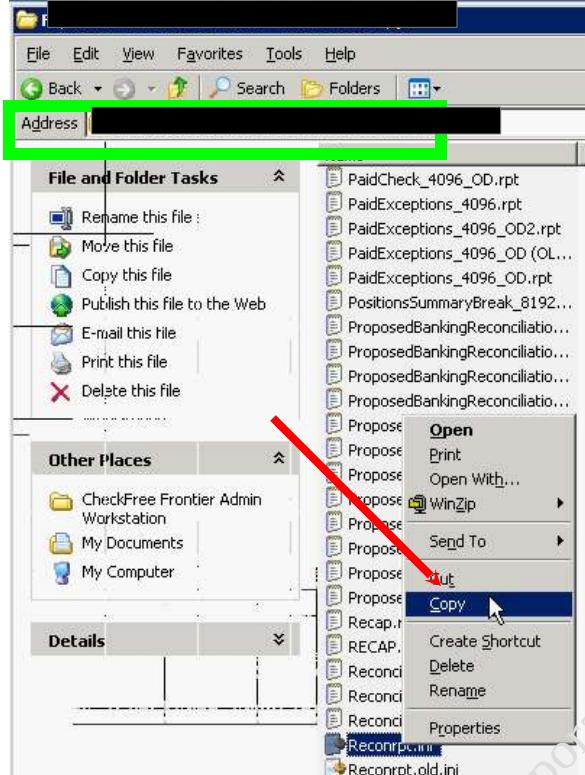


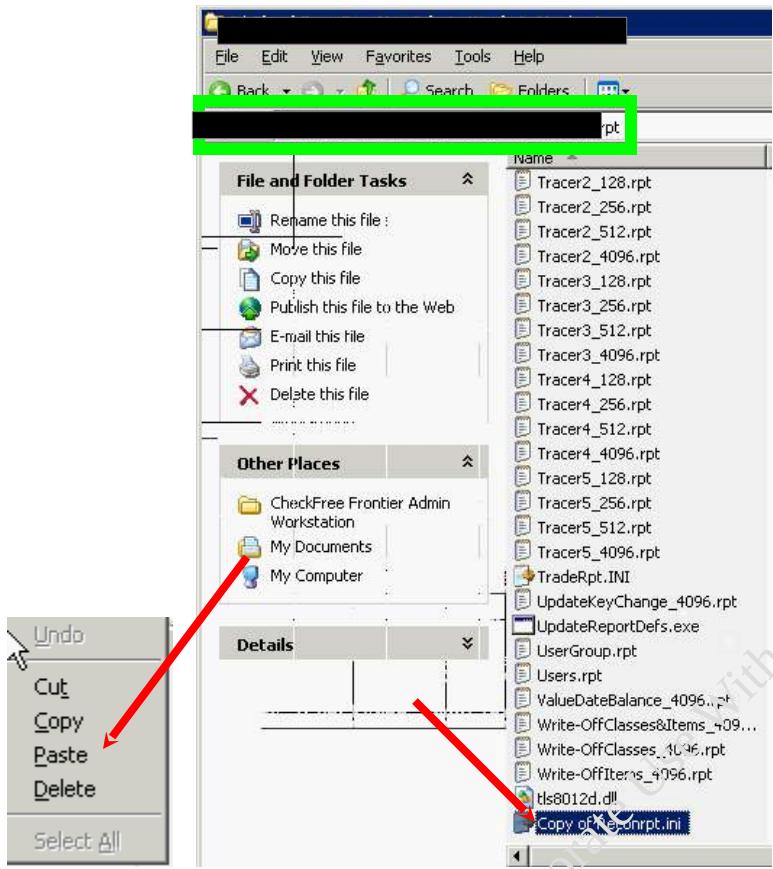
- Navigate to the appropriate directory,
- In this example: **[REDACTED]**
- Paste the copied files
- Click 'yes' if prompted for file replacement



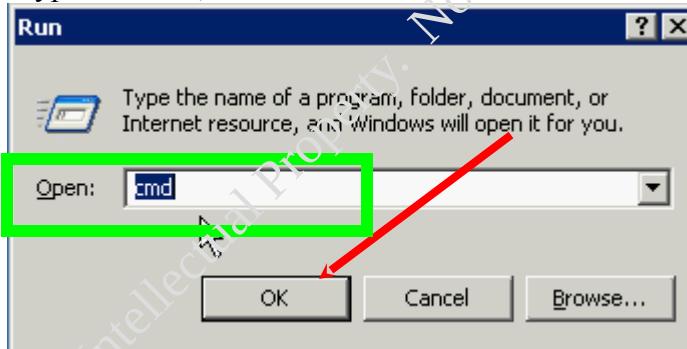
-Navigate to the appropriate directory, in this example:

-Make a backup/copy of the 'reconrpt.ini' file (copy/paste into the same directory)



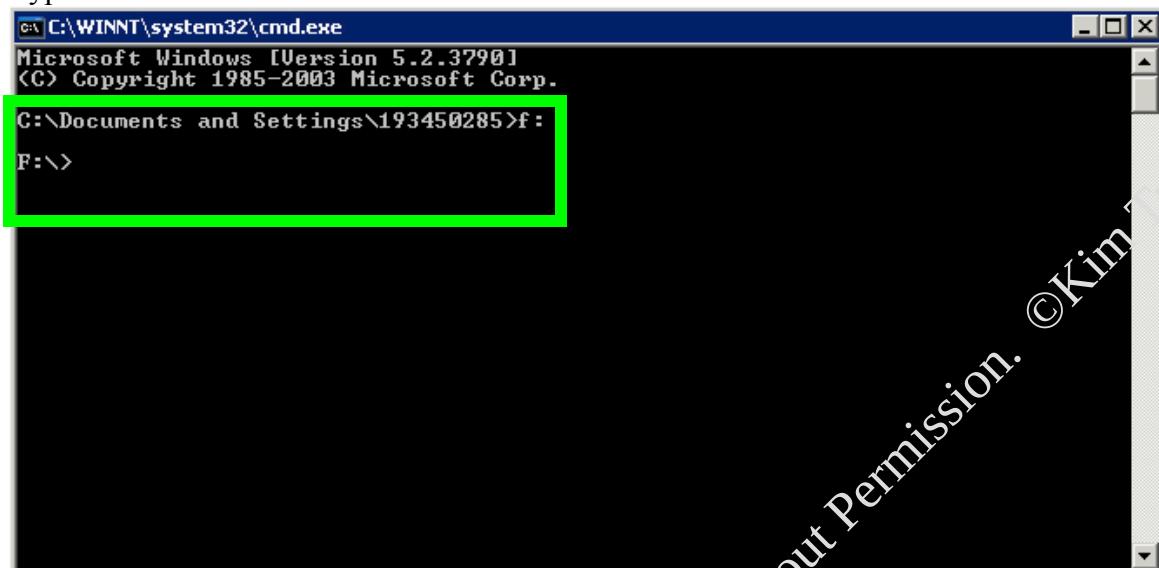


- Go to: start 'run'
- Type in 'cmd', click 'ok'



-Go to: ‘f.’ directory

-type: ‘f:’ > enter



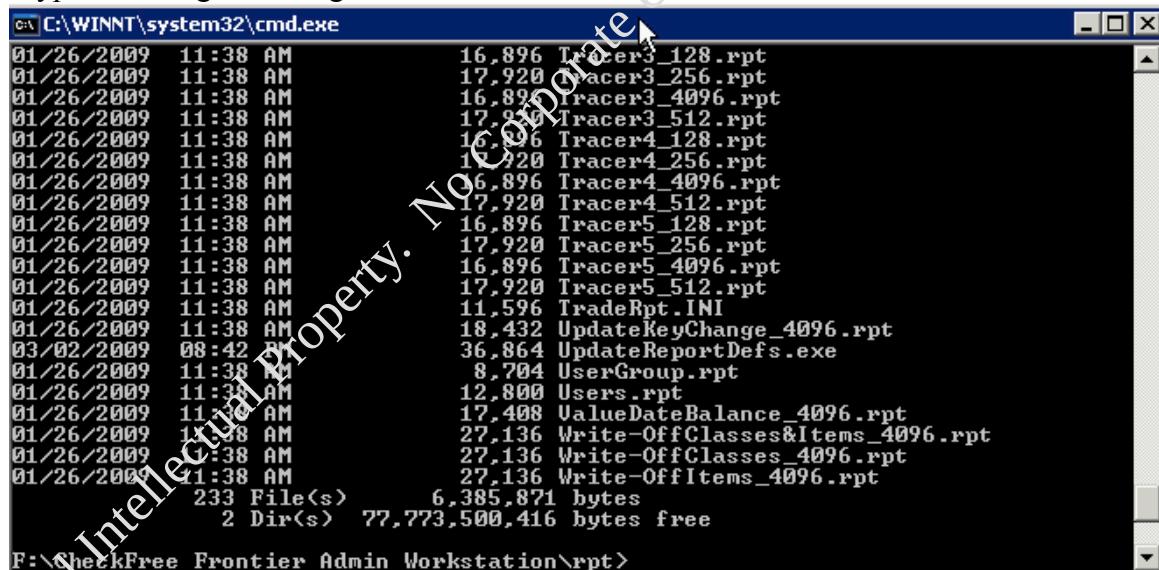
```
C:\WINNT\system32\cmd.exe
Microsoft Windows [Version 5.2.3790]
(C) Copyright 1985-2003 Microsoft Corp.

C:\Documents and Settings\193450285>f:
F:>
```

-Navigate to the appropriate directory, in this example:

- ‘cd [REDACTED]\kstation\rpt\’

-Type: ‘dir’ to get a listing



```
C:\WINNT\system32\cmd.exe
01/26/2009 11:38 AM           16,896 Tracer3_128.rpt
01/26/2009 11:38 AM           17,920 Tracer3_256.rpt
01/26/2009 11:38 AM           16,896 Tracer3_4096.rpt
01/26/2009 11:38 AM           17,920 Tracer3_512.rpt
01/26/2009 11:38 AM           16,896 Tracer4_128.rpt
01/26/2009 11:38 AM           17,920 Tracer4_256.rpt
01/26/2009 11:38 AM           16,896 Tracer4_4096.rpt
01/26/2009 11:38 AM           17,920 Tracer4_512.rpt
01/26/2009 11:38 AM           16,896 Tracer5_128.rpt
01/26/2009 11:38 AM           17,920 Tracer5_256.rpt
01/26/2009 11:38 AM           16,896 Tracer5_4096.rpt
01/26/2009 11:38 AM           17,920 Tracer5_512.rpt
01/26/2009 11:38 AM           11,596 TradeRpt.INI
01/26/2009 11:38 AM           18,432 UpdateKeyChange_4096.rpt
03/02/2009 08:42 PM          36,864 UpdateReportDefs.exe
01/26/2009 11:38 AM           8,704 UserGroup.rpt
01/26/2009 11:38 AM          12,800 Users.rpt
01/26/2009 11:38 AM          17,408 ValueDateBalance_4096.rpt
01/26/2009 11:38 AM          27,136 Write-OffClasses&Items_4096.rpt
01/26/2009 11:38 AM          27,136 Write-OffClasses_4096.rpt
01/26/2009 11:38 AM          27,136 Write-OffItems_4096.rpt
233 File(s)    6,385,871 bytes
2 Dir(s)   77,773,500,416 bytes free

F:\CheckFree Frontier Admin Workstation\rpt>
```

-Enter in the appropriate command, in this example:

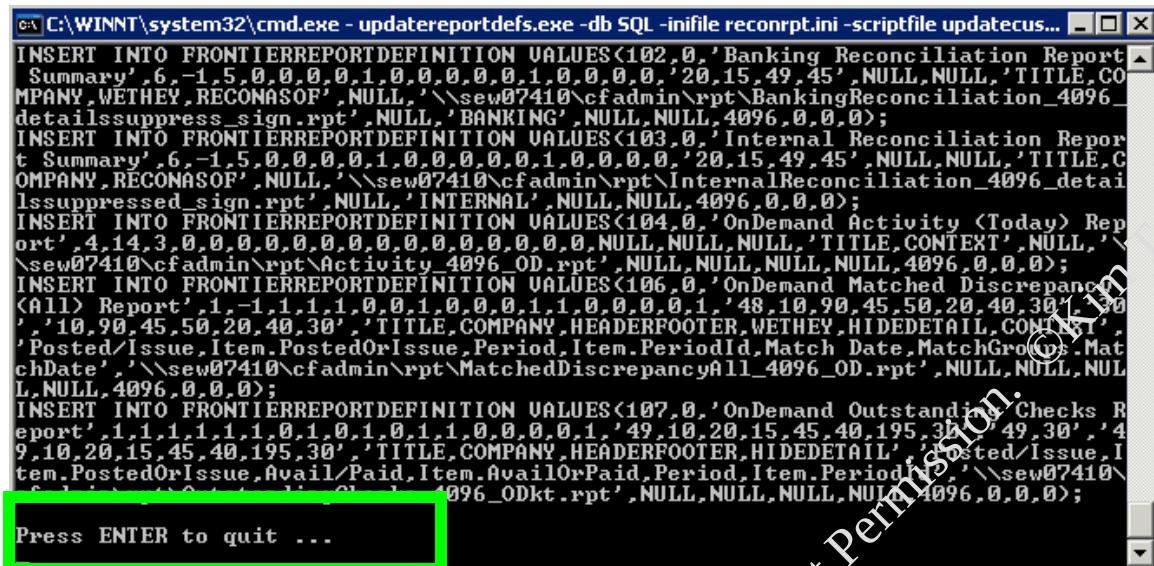
- 'updatereportdefs.exe -db sql -inifile reconrpt.ini -scriptfile updatecustomreports.sql' > enter

-The command should be processing

```
C:\WINNT\system32\cmd.exe
01/26/2009 11:38 AM      17,920 Tracer3_256.rpt
01/26/2009 11:38 AM      16,896 Tracer3_4096.rpt
01/26/2009 11:38 AM      17,920 Tracer3_512.rpt
01/26/2009 11:38 AM      16,896 Tracer4_128.rpt
01/26/2009 11:38 AM      17,920 Tracer4_256.rpt
01/26/2009 11:38 AM      16,896 Tracer4_4096.rpt
01/26/2009 11:38 AM      17,920 Tracer4_512.rpt
01/26/2009 11:38 AM      16,896 Tracer5_128.rpt
01/26/2009 11:38 AM      17,920 Tracer5_256.rpt
01/26/2009 11:38 AM      16,896 Tracer5_4096.rpt
01/26/2009 11:38 AM      17,920 Tracer5_512.rpt
01/26/2009 11:38 AM      11,596 TradeRpt.INI
01/26/2009 11:38 AM      18,432 UpdateKeyChange_4096.rpt
03/02/2009 08:42 PM      36,864 UpdateReportDefs.exe
01/26/2009 11:38 AM      8,704 UserGroup.rpt
01/26/2009 11:38 AM      12,800 Users.rpt
01/26/2009 11:38 AM      17,408 ValueDateBalance_4096.rpt
01/26/2009 11:38 AM      27,136 Write-OffClasses&Items_4096.rpt
01/26/2009 11:38 AM      27,136 Write-OffClasses_4096.rpt
01/26/2009 11:38 AM      27,136 Write-OffItems_4096.rpt
233 File(s)       6,385,821 bytes
2 Drives(s)    77,773,500,416 bytes free

F:\CheckFree Frontier Admin Workstation\rpt>updateReportdefs.exe -db SQL -iniFile reconfig.ini -scriptfile updatecustomreports.scr
```

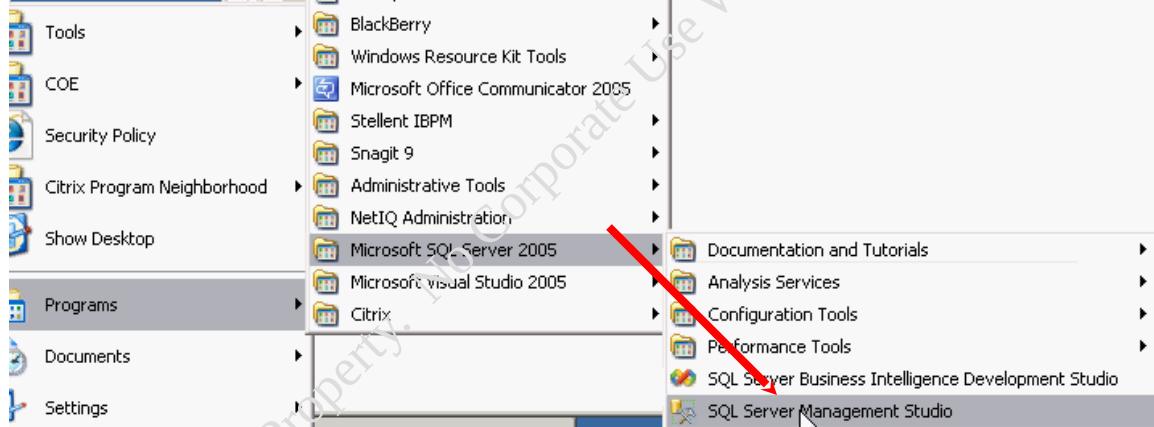
-Click ‘enter’ when done



```
C:\WINNT\system32\cmd.exe - updatereportdefs.exe -db SQL -infile recon rpt.ini -scriptfile updatecus...
INSERT INTO FRONTIERREPORTDEFINITION VALUES(102,0,'Banking Reconciliation Report Summary',6,-1,5,0,0,0,0,1,0,0,0,0,1,0,0,0,0,'20,15,49,45',NULL,NULL,'TITLE, COMPANY,WETHEY,RECONASOF',NULL,'\\sew07410\cfadmin\rpt\BankingReconciliation_4096_detailssuppress_sign.rpt',NULL,'BANKING',NULL,NULL,4096,0,0,0);
INSERT INTO FRONTIERREPORTDEFINITION VALUES(103,0,'Internal Reconciliation Report Summary',6,-1,5,0,0,0,0,1,0,0,0,0,1,0,0,0,'20,15,49,45',NULL,NULL,'TITLE, COMPANY,RECONASOF',NULL,'\\sew07410\cfadmin\rpt\InternalReconciliation_4096_detailssuppressed_sign.rpt',NULL,'INTERNAL',NULL,NULL,4096,0,0,0);
INSERT INTO FRONTIERREPORTDEFINITION VALUES(104,0,'OnDemand Activity <Today> Report',4,14,3,0,0,0,0,0,0,0,0,0,0,0,0,0,NULL,NULL,NULL,'TITLE,CONTEXT',NULL,'\\sew07410\cfadmin\rpt\Activity_4096_OD.rpt',NULL,NULL,NULL,4096,0,0,0);
INSERT INTO FRONTIERREPORTDEFINITION VALUES(106,0,'OnDemand Matched Discrepancy <All> Report',1,-1,1,1,1,0,0,1,0,0,0,1,1,0,0,0,0,1,'48,10,90,45,50,20,40,30',NULL,NULL,'TITLE,COMPANY,HEADERFOOTER,WETHEY,HIDEDETAIL,CONTEXT','Posted/Issue,Item.PostedOrIssue,Period,Item.PeriodId,Match Date,MatchGroup:MatchDate', '\\sew07410\cfadmin\rpt\MatchedDiscrepancyAll_4096_OD.rpt',NULL,NULL,NULL,4096,0,0,0);
INSERT INTO FRONTIERREPORTDEFINITION VALUES(107,0,'OnDemand Outstanding Checks Report',1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,1,'49,10,20,15,45,40,195,30',NULL,NULL,'TITLE,COMPANY,HEADERFOOTER,HIDEDETAIL','Posted/Issue,Item.PostedOrIssue,Aval/Paid,Item.AvailOrPaid,Period,Item.Period', '\\sew07410\cfadmin\rpt\OutstandingChecks_4096_ODkt.rpt',NULL,NULL,NULL,4096,0,0,0);
Press ENTER to quit ...
```

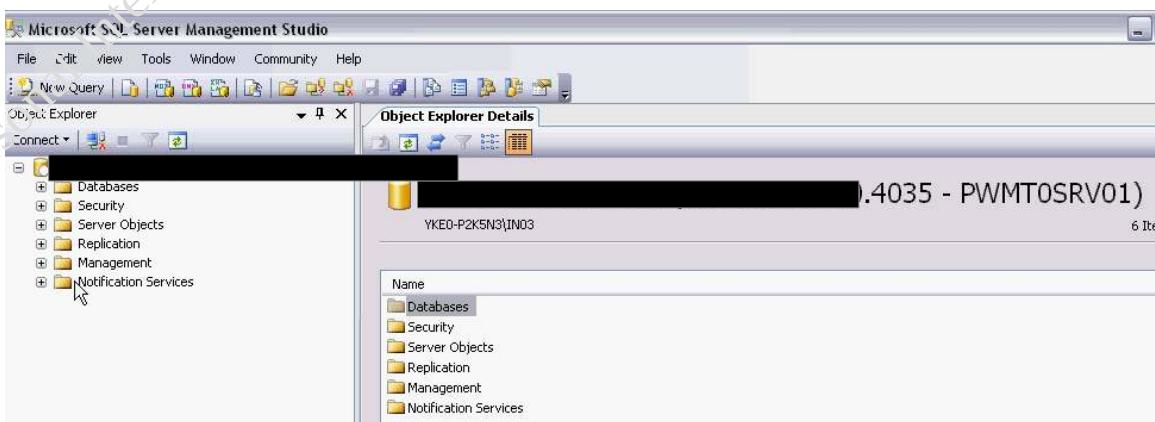
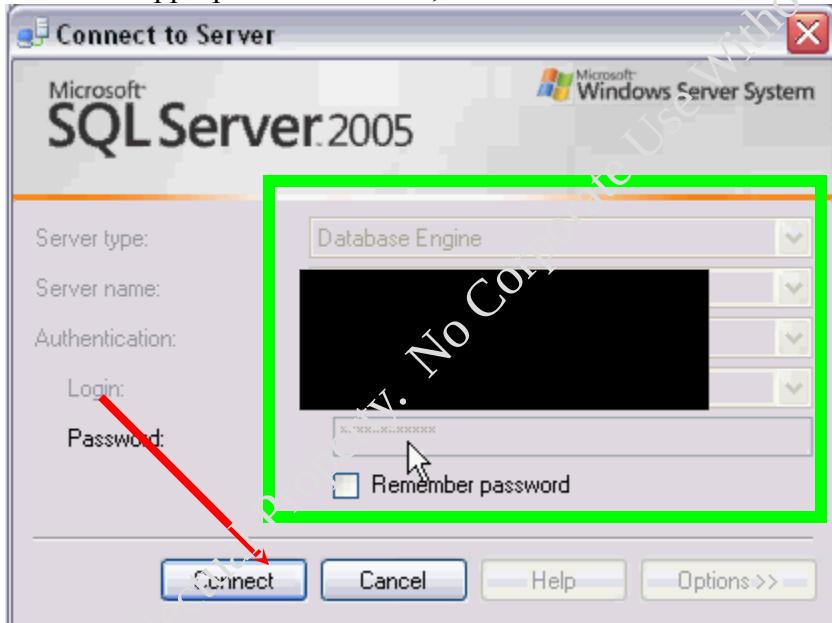
-Open up the ‘sql server management studio’

-Start > programs > Microsoft sql server 2005 > sql server management studio

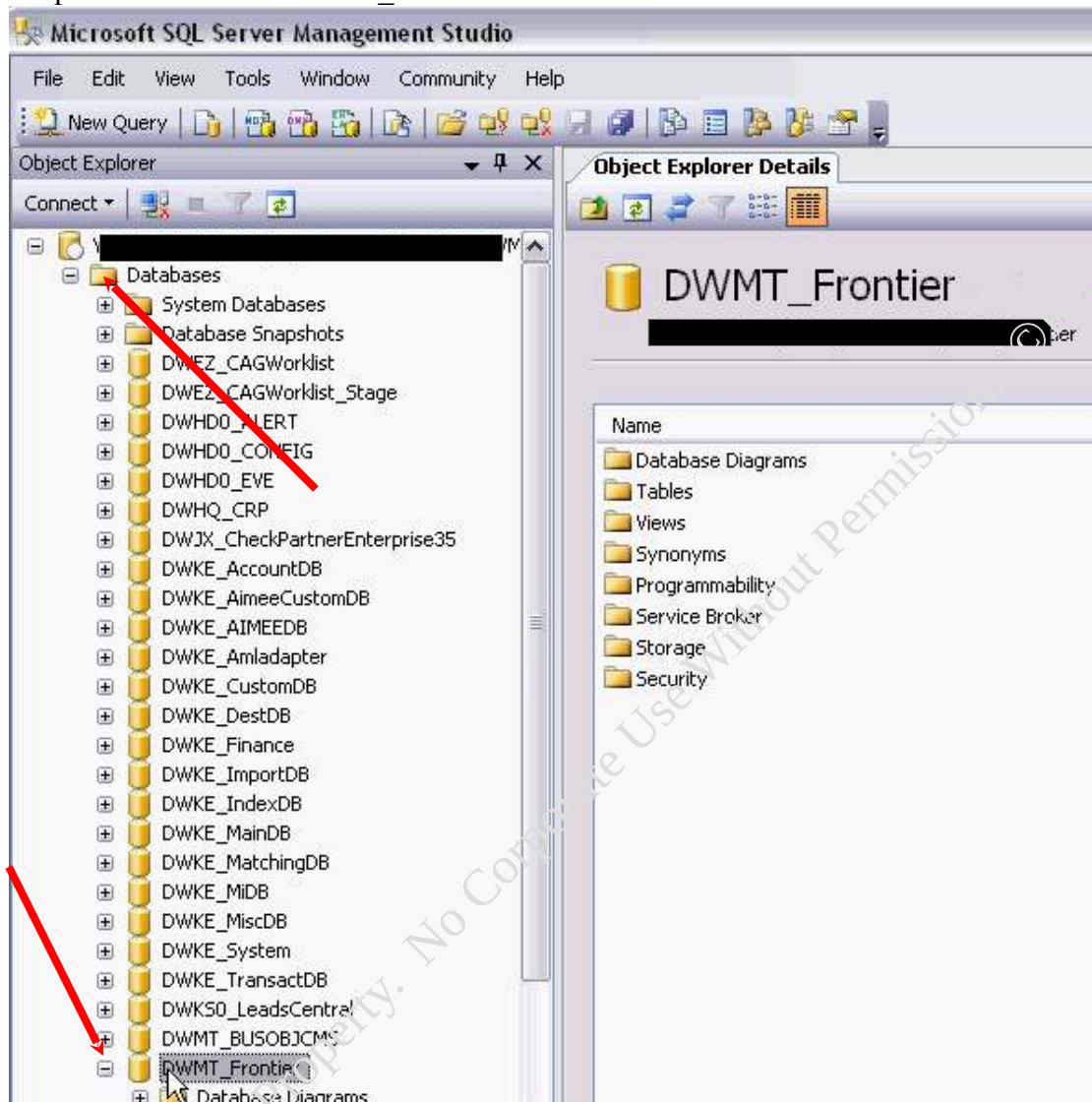




-Enter the appropriate credentials, click 'connect'

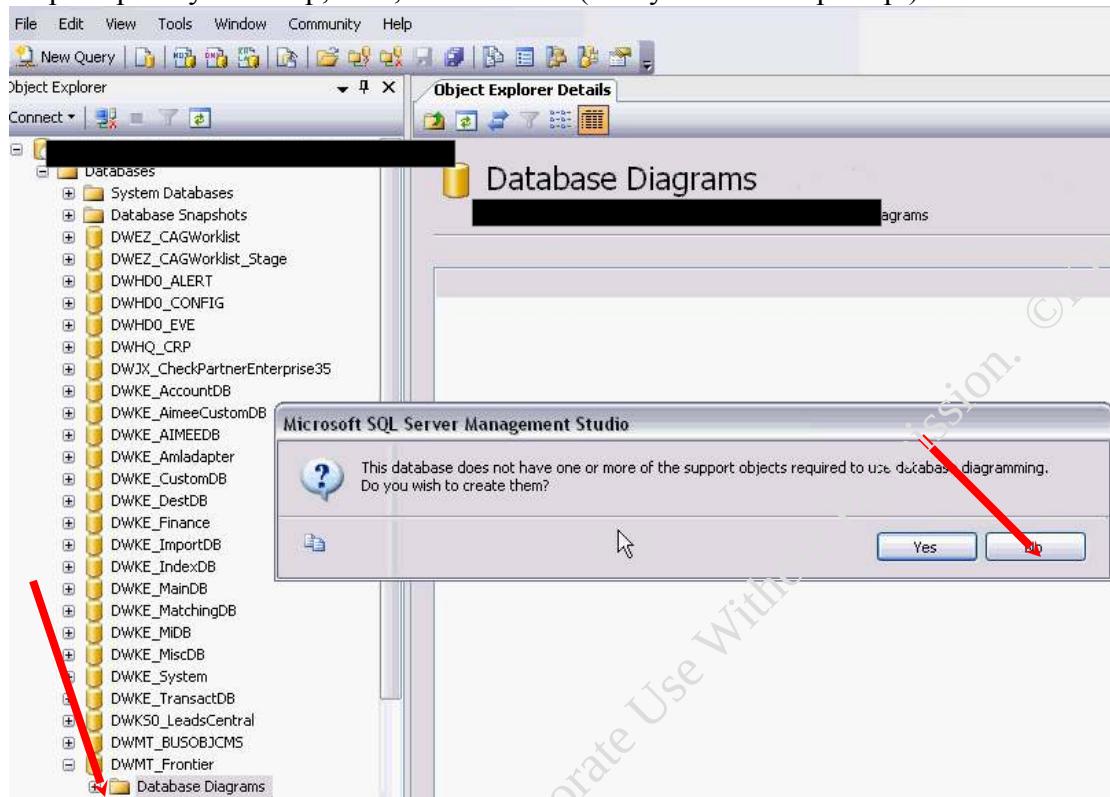


-Expand 'databases' > 'dmwt_frontier'

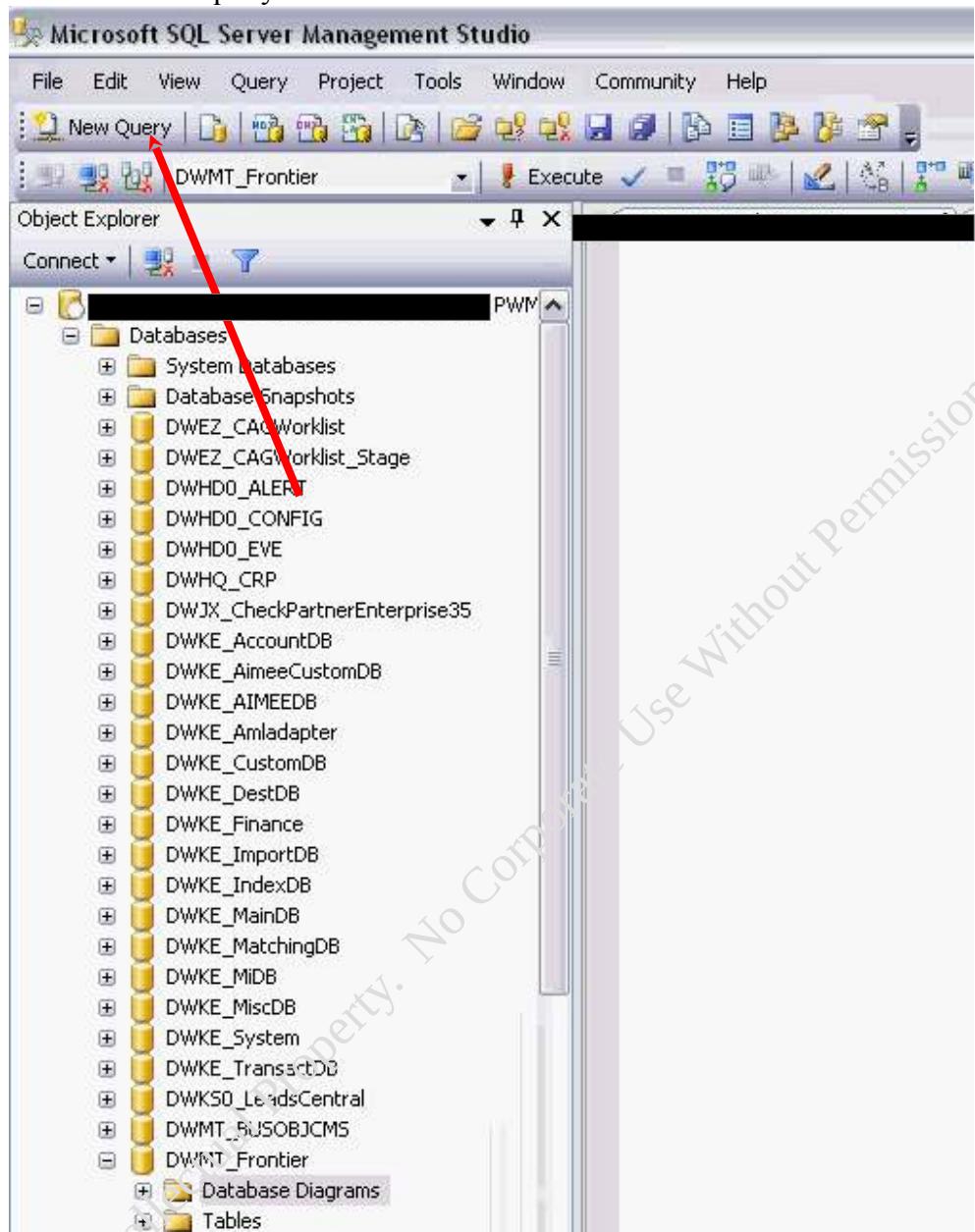


-Click on 'database diagrams' to select it

-A prompt may come up, if so, click on 'no' (verify the similar prompt)



-Click on ‘new query’



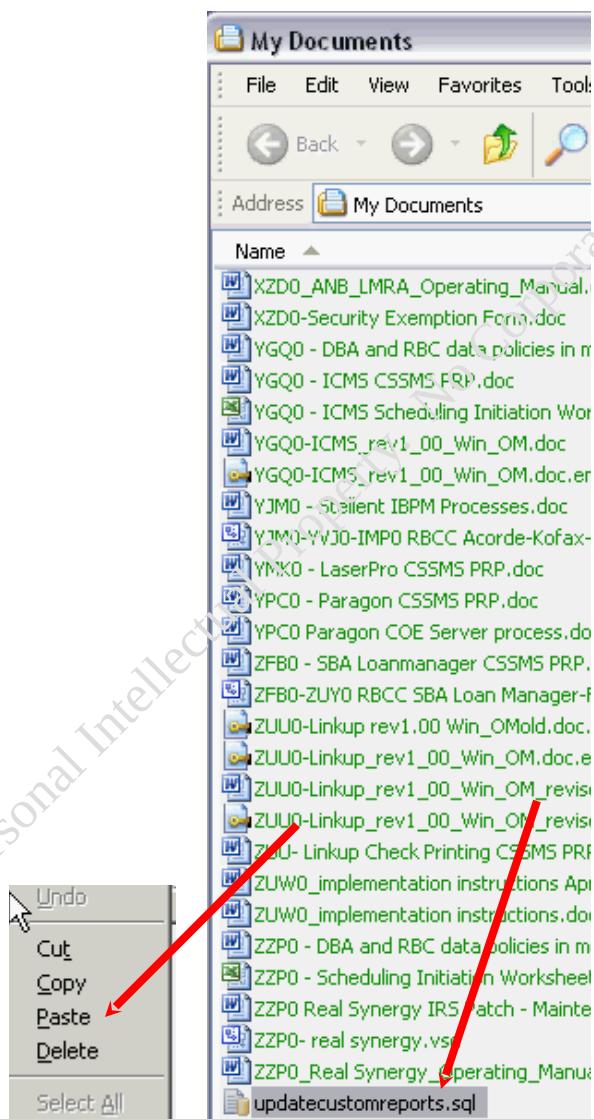
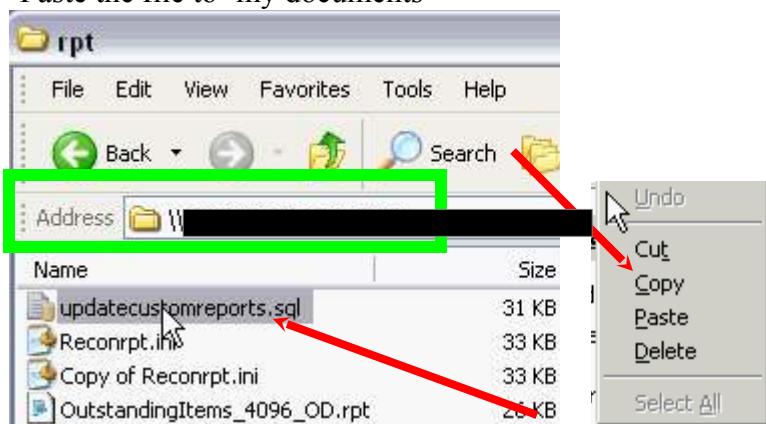
Personal Instructional Property. No Commercial Use Without Permission. ©Kim Tran

-Navigate to the appropriate directory

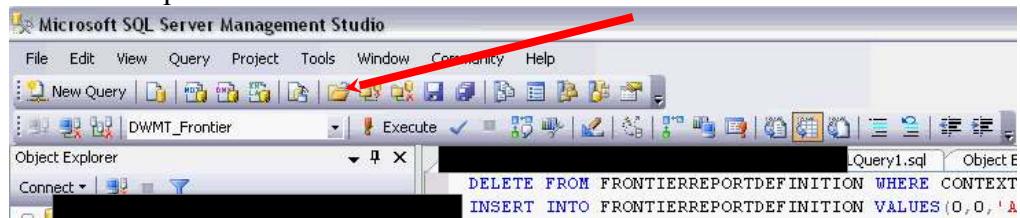
-In this example: [W:\](#)

-Copy the 'updatecustomreports.sql' file

-Paste the file to 'my documents'



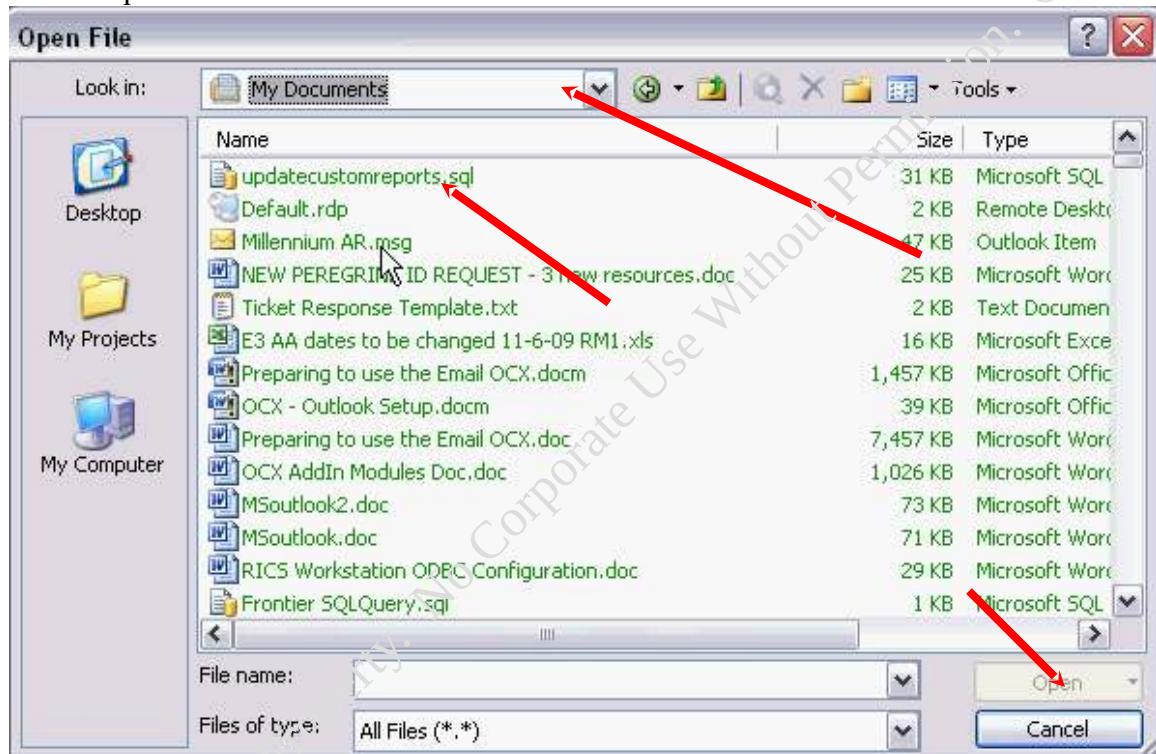
-Click on 'open'



-Navigate to 'my documents'

-Click on the 'updatecustomreports.sql'

-Click 'open'



Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Community Help

New Query Object Explorer Details

Object Explorer

Connected to DWMT_Frontier

Query1.sql

Object Explorer Details

Object Explorer

Databases

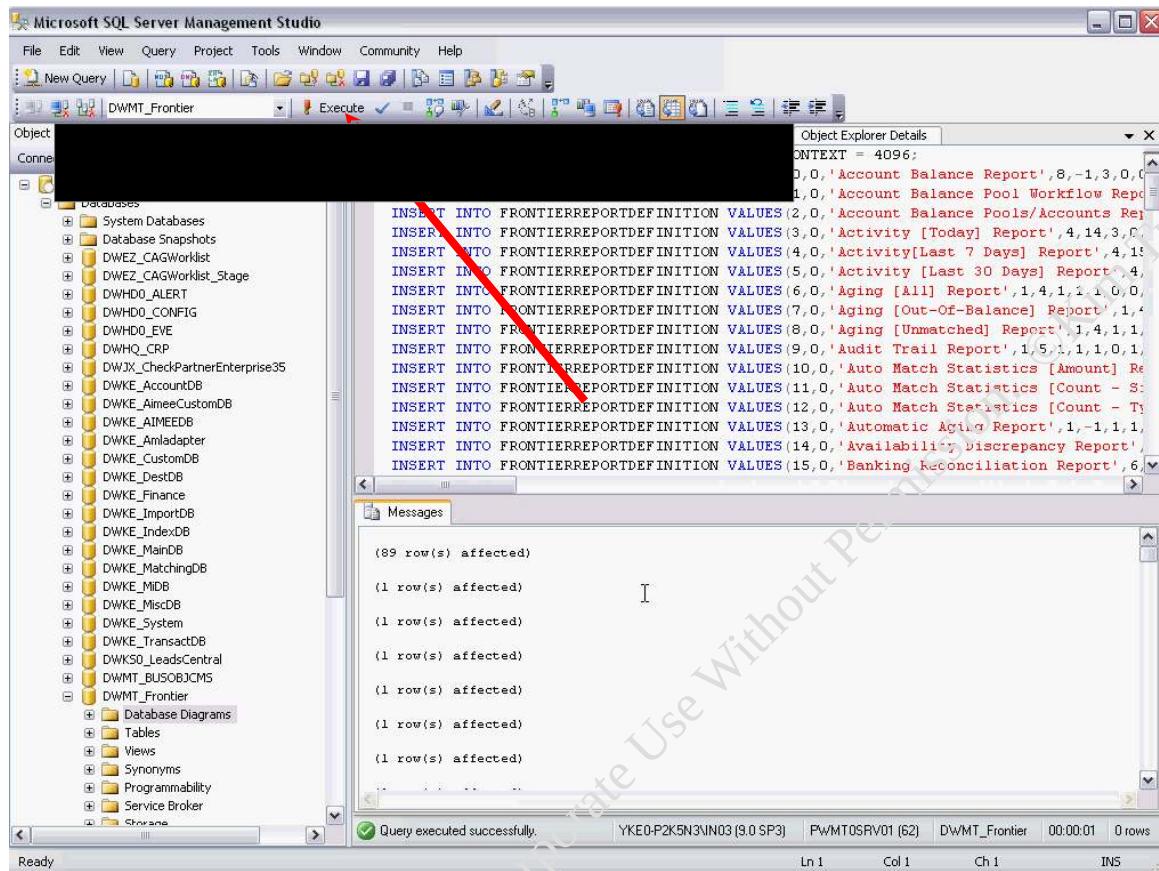
- System Databases
- Database Snapshots
- DWEZ_CAGWorklist
- DWEZ_CAGWorklist_Stag
- DWHD0_ALERT
- DWHD0_CONFIG
- DWHD0_EVE
- DWHD0_CRP
- DWJX_CheckPartnerEnterprise35
- DWKE_AccountDB
- DWKE_AimeeCustomDB
- DWKE_AIMEEDB
- DWKE_Amladapter
- DWKE_CustomDB
- DWKE_DestDB
- DWKE_Finance
- DWKE_ImportDB
- DWKE_IndexDB
- DWKE_MainDB
- DWKE_MatchingDB
- DWKE_MDB
- DWKE_MiscDB
- DWKE_System
- DWKE_TransactDB
- DWKS0_LeadsCentral
- DWMT_BUSOBJCMS
- DWMT_Frontier
 - Database Diagrams
 - Tables
 - Views
 - Synonyms
 - Programmability
 - Service Broker
 - Shards

YKED-P2K5N3\JN03 (9.0 SP3) PwMTOSRV01 (62) DWMT_Frontier 00:00:00 0 rows

Ready

```
INSERT INTO FRONTIERREPORTDEFINITION VALUES(1,0,'Account Balance Pool Workflow Report',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(2,0,'Account Balance Pools/Accounts Report',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(3,0,'Activity [Today] Report',4,14,3,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(4,0,'Activity[Last 7 Days] Report',4,19,3,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(5,0,'Activity [Last 30 Days] Report',4,19,3,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(6,0,'Aging [All] Report',1,4,1,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(7,0,'Aging [Out-Of-Balance] Report',1,4,1,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(8,0,'Aging [Unmatched] Report',1,4,1,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(9,0,'Audit Trail Report',1,5,1,1,1,0,1)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(10,0,'Auto Match Statistics [Account Report]',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(11,0,'Auto Match Statistics [Count - Sales]',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(12,0,'Auto Match Statistics [Count - Total]',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(13,0,'Automatic Aging Report',1,-1,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(14,0,'Availability Discrepancy Report',1,-1,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(15,0,'Banking Reconciliation Report',6,1,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(16,0,'Banking Reconciliation with Item',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(17,0,'Banking reconciliation with Item',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(18,0,'Banking Reconciliation with Write Off',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(19,0,'Case Investigation Report',1,17,2,0,0,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(20,0,'Check Recap Report',5,-1,4,0,0,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(21,0,'Check Report',1,3,1,1,1,0,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(22,0,'Classes Report',2,8,2,0,0,0,0,0,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(23,0,'Corporate Reconciliation with Item',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(24,0,'Corporate Reconciliation Report',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(25,0,'Corporate Reconciliation with Item',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(26,0,'Corporate Reconciliation with Write Off',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(27,0,'Departments Report',2,7,2,0,0,0,0,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(28,0,'Discrepant Deposits Report',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(29,0,'Duplicate Items Report',1,18,1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(30,0,'Duplicate Match Groups Report',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(31,0,'Duplicate Serial Number Report',1,-1,1,0,0)
INSERT INTO FRONTIERREPORTDEFINITION VALUES(32,0,'End-Of-Day Report',2,12,2,0,0,0,0,0,0)
```

-Click on 'execute'



-When done, close all applications/windows, then log off