





Teknik Informatika UNIKOM (2009) Disusun Oleh : Andri Heryandi, S.T., M.T. (andri@heryandi.net)





Saat ini Enterprise Manager (EM), belum bisa digunakan.

Agar EM bisa berjalan, maka ada dua hal yang harus ada yaitu :

- 1. Service dbConsole
- 2. Listener

Untuk service dbConsole sudah terpasang. Hal ini bisa dilihat di service windows dengan nama **OracleDBConsoleSID**. Karena SID kita adalah DBTEST maka nama service adalah **OracleDBConsoledbtest**.

Untuk membuat listener, maka lihat pada slide berikutnya.

Membuat Listener

ORACLE [®]	figuration Assistant: Welcome	1
	Welcome to the Oracle Net Configuration Assistant. This tool will take you through the common configuration steps, listed below. Choose the configuration you would like to do:	
Cancel	Help (S Back Next >)	
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Salah satu cara untuk membuat listener adalah dengan menggunakan tool Oracle Net Configuration Assistant.

Jalankan Net Configuration Assistant yang bisa didapat dengan mengklik Start \rightarrow Oracle - OraDb10g_homeX \rightarrow Configuration and Migration Tools \rightarrow Net Configuration Assistant. Akan muncul layar seperti di atas.

Pilih Listener Configuration. Klik tombol Next.

.istener		
Oracle Net Configuration Assistan	At Listener Configuration, Listener For remote connections to be made to your Oracle database, you must configure a Oracle Net listener. The Oracle Net Configuration Assistant allows you to add, reconfigure, rename or delete a listener. Select what you want to do: Add Reconfigure Delete Rename Back Next S	
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Pilih Add, kemudian klik Next.



Isi nama listener, biarkan saja dengan LISTENER. Klik tombol Next.

Memi	ilih Protocol	
	Oracle Net Configuration Assistant: Listener Configuration, Select Protocols You can configure the listener to accept connections over one or more protocols. Select which protocols you want to configure for this listener. Keep your configuration as simple as possible by configuring only the protocols you need.	
	Available Protocols Selected Protocols TCPS IPC NMP C	
(Cancel Help	
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Penge	aturan Port	
	Vinich TCP/IP port number should the listener use? The port number selected should not be used by any other software on this computer. • Use the standard port number of 1521 • Use another port number. 1521	
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Pilih Use the standard port number of 1521. Klik Next.



Pilih No. Klik tombol Next.

Pembuatan Listener Selesai



Pembuatan listener selesai. Klik tombol **Next** untuk melanjutkan ke halaman berikutnya.

Klik tombol Finish untuk menutup DBCA.

Listener di Service Windows

Services						-12
File Action View	Help					
← → 🔢 😭 [3 🗟 😫 🖬 🕨 🗉 🗉 🖦					
🆓 Services (Local)	🍇 Services (Local)	_				
	Portable Media Serial Number	Name 🛆	Description	Status	Startup Type	
	Service	Source Engine	Saves inst		Manual	
		🆓 OracleDBConsoledbtest		Started	Automatic	
	Start the service	Cracle Job Scheduler DBTEST			Disabled	
		CracleOraDb10g_home1TNSListener		Started	Automatic	
	Description:	VI OracleServiceDBTEST		Started	Automatic	
	Retrieves the serial number of any	Seriformance Logs and Alerts	Collects pe		Automatic	
	computer. If this service is stopped.	🏶 Plug and Play	Enables a c	Started	Automatic	
	protected content might not be down	Nortable Media Serial Number Service	Retrieves t		Manual	
	loaded to the device.	🏶 Print Spooler	Manages al	Started	Automatic	
		Contracted Storage	Drotocte et	Charled	Automotic	۲
	Extended Standard					_

Test E	nterprise Manager
	Image: State of the state
	Done
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Buka web browser dengan alamat : <u>http://namakomputer:1158/em</u>. Jika anda mengakses dari komputer server, boleh menggunakan <u>http://localhost:1158/em</u>.

Coba login menggunakan user **system** dan password **oracle** (sesuai dengan yang diseting ketika membuat database).

Test Enterprise Manager ORACLE Database Control Oracle Database 10g Licensing Information Orecole Enterprise Manager 10g Database Control is designed for managing a single Database, which can be either a single instance or a cluster database. The following premium functionality contained within this release of Enterprise Manager 10g Database Control is available only with an Oracle license: Database Diagnostics Pack Automatic Workload Repository ADDM (Automated Database Diagnostic Monitor) Performance Monitoring (Database and Host) Event Notifications: Notification Methods, Rules and Schedules Event Nistory/metric history (Database and Host) Blackouts Dynamic metric baselines Memory performance monitoring Database Tuning Pack SQL Access Advisor SQL Tuning Advisor SQL Tuning Sets Reorganize Objects Configuration Management Pack Database and Host Configuration Deployments Patch Database and View Patch Cache Patch staging Clone Database Clone Oracle Home Search configuration Compare configuration Policies For a detailed description of above functionality and where it can be used within the product refer to the Oracle Database 10g Licensing Information document. I acknowledge and agree that use of this premium functionality requires the purchase of an appropriate license. (Cancel) (Lagree) opyright © 1996, 2005, Oracle. All rights reserved Oracle-academy@if-unikom oleh : Andri Heryandi, S.T., M.T. (2009)

Akan muncul layar informasi lisensi. Klik tombol I Agree di bagian bawah.

Enterprise Mar	nager		
😻 Oracle Enterprise Manager (SYSTEM) - Database Instance: db	test.if-unikom.net - Mozilla Firefo	6	
Elle Edit Yew Higtory Bookmarks Tools Help	ron role (dat share (instance / siteman?exue	nt-dal asd&tsrast-dbt 🔿 🔹	
ORACLE Enterprise Manager 10g Database Control	on sone) waxa waseyin skan ket skennapine re	in-aucosocialger-auc ⊠	Setue Preferences Hele Locaut
Database Instance: dbtest.if-unikom.ne Home Performance Administration Maintenance	et Page Refreshed Feb 23, 2009	9:11:28 AM (Refresh)	Logged in As SYSTEM
General	Host CPU	Active Session	s SQL Response
Status Up Up Since Feb 23, 2009 8:42:11 AM GMT+07:00 Instance Name dibest Version 10.2.0.1.0 Host ora-server Listener LISTENER_ora-server	100% 75 50 25 0	2.0 1.5 1.0 0.5 0.0	Baseline is not grailable. Reset Baseline
View All Properties	Load 0.00 Paging 2.16 Space Summary	Maximum CPU	2 Availability
ADDM Findings All Policy Violations Alert Log No ORA- errors	Database Size (GB) Problem Tablespaces Segment Advisor Recommendations	Unavailable Insta 0 Details Usable	nce Recovery Time (sec) <u>13</u> Last Backup n/a Flash Recovery Area (%) <u>100</u> Flashback Logging <u>Disabled</u>

Dengan Oracle Enterprise Manager Database Control, anda dapat melakukan hal-hal

Oracle Enterprise Manager Database Control menyediakan interface berbasis web

yang dapat digunakan untuk mengatur database dan instance database.

Segment Advisor Recommendations

Space Violations

mp Area Used (%)

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0

80

berikut :

ORACLE ACADEMY

- Melihat performance dan informasi status database instance
- Membuat struktur penyimpanan database (seperti tablespace)
- Membuat objek schema
- Mengatur keamanan user
- Backup dan recovery database
- Import dan export database.

iSQL*Plus ORACLE ISQL*Plus Release 10.2.0.1.0 Production - Mozilla Firefox Eile Edit View History Bookmarks Tools Help < 🕞 🔹 😋 🔛 http://ora-server:5560/isqlplus 🏠 🔹 💽 • Oracle In 🔎 S ORACLE (SH) (?) iSQL*Plus History Connected as SCOTT@dbtest Workspace Enter SQL, PL/SQL and SQL*Plus statements. Clear Execute Load Script Save Script Cancel Clear Workspace | <u>History</u> | <u>Logout</u> | <u>Preferences</u> | <u>Help</u> Copyright (c) 2003, 2005, Oracle. All rights reserved. D 🖉 🗑 🖬 💩 🧷 🖂 🚿 👀 Done ORACLE ACADEMY Oracle-academy@if-unikom oleh : Andri Heryandi, S.T., M.T. (2009)

*i*SQL*Plus adalah interface berbasis web browser untuk mengakses ke database Oracle. *i*SQL*Plus merupakan komponen dari produk SQL*Plus.

iSQL*Plus biasanya dipanggil dengan alamat : <u>http://namakomputer:5560/isqlplus</u>.

Install Oracle	service	iSQL*Plus		
F:\WINDOWS\system32\cm	d.exe			
F:\>isqlplusctl start iSQL*Plus 10.2.0.1.0 Copyright (c> 2003, 20 Starting iSQL*Plus iSQL*Plus started. F:\oracle\product\10.2	05, Oracle. All rights .0\db_1\BIN>_	reserved.		
×4				
File Action View	Help			
	 2 🗟 😫 🖬 > = II =>			
Services (Local)	🍇 Services (Local)			
	OracleServiceDBTEST	Name A	Description Status	; Startup Type
	Stop the service	CracleOraDb10g home1iSOL*Plus	iSOL*Plus Starte	d Automatic
	Pause the service	Suracieoraborug_nomer nvsuscener	Starte	
		Performance Logs and Alerts	Starte Collects pe	d Automatic Automatic
	Evtended Standard	<u> 1</u>		
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Untuk menjalankan *i*SQL*Plus, Anda harus membuat service yang menandakan bahwa *i*SQL*Plus bisa digunakan.

Untuk menjalankan service iSQL*Plus, cara yang dapat dilakukan adalah :

- 1. Masuk ke command prompt (Start \rightarrow Run \rightarrow tulis : CMD \rightarrow OK).
- 2. Tulis di command prompt : isqlplusctl start

Lihat juga di service windows akan muncul service dengan nama **OracleOraDb10g_home1iSQL*Plus**.

Jika service ini telah berjalan, maka *i*SQL*Plus telah siap digunakan dengan memanggil alamat <u>http://namakomputer:5560/isqlplus</u>

Test <i>i</i> SQL*Plus	
LE ViSQL*Plus Release 10.2.0.1.0 Production - Mozilla Firefox Eile Edit View Higtory Bookmarks Iools Help	
C X 🟠 http://ora-server:5560/isqlplus/	රු · Google 🔎 S
ORACLE iSQL*Plus	?
Login	
Unauthorized use of this site is prohibited and may be subject to civil and criminal prosect Indicates required field Vername scott	cution.
Password Connect Identifier Login	
Copyright (c) 2003, 2005, Oracle. All rights reserved.	
Done	D 🗡 🗟 🖬 💩 🧷 🗹 🛠 🛈
ACLE ACADEMY Oracle-academy@if-unikom oleh : Andri H	Heryandi, S.T., M.T. (2009)

Isi username dan password.

Isi username dengan **scott**, dan password dengan **tiger**. Kemudian klik tombol **Login**.

Eksekı	usi SQL (di <i>i</i> SQL*Plus		
ORACLE [.]				
Workspace Enter SQL, PL/SQL an Select * from dept	nd SQL*Plus statements.			
	DEPTNO	DNAME	LOC	
	10	ACCOUNTING	NEW YORK	
	20	RESEARCH	DALLAS	
	30	SALES	CHICAGO	
	40	OPERATIONS	BOSTON	
	Oracle-academy(Dif-unikom oleh : Andri Heryandi	, S.T., M.T. (2009)	6

ſ

Uninstall service iSQL*Plus	
<pre>SF:\WINDOWS\system32\cmd.exe F:\>sc delete OracleOraDbi8g_home1iSQL*Plus [SC] DeleteService SUCCESS F:\>_</pre>	
ORACLE ACADEMY Oracle-academy@if-unikom oleh : Andri Heryandi, S.T., M.T. (2009)	

Jika anda tidak ingin memperbolehkan user untuk menjalankan SQL melalui iSQL*Plus, maka anda dapat menguninstall service tersebut.

Untuk menghapus service iSQL*Plus, cara yang dapat dilakukan adalah :

- Sebelum menghapus service, sebaiknya service iSQL*Plusnya di stop dulu dengan cara masuk ke Administrative Tools → Services → Klik kanan di nama servicenya (OracleOraDb10g_home1iSQL*Plus) → Klik Stop.
- Masuk ke command prompt (Start → Run → tulis : CMD → OK). Jika menggunakan Windows Vista atau Windows 7, maka jalankan cmd sebagai adminsitrator (run as administrator).
- 3. Tulis di command prompt : sc delete OracleOraDb10g_home1iSQL*Plus
- 4. Refresh daftar Service. Jika berhasil maka service ISQLPlus akan hilang. Jika pada service windows tidak terhapus, coba reboot komputer.

Menghapus Listener

Welcome to the This tool will tak configuration st Choose the cor	Oracle Net Configuration Assistant. e you through the common
Listener of Naming M Local Net O Directory U	eps, listed below. figuration you would like to do: onfiguration ethods configuration Service Name configuration Isage Configuration
Cancel Help	S Back Next >>

Jika suatu saat anda ingin menghapus listener, maka langkah yang dilakukan adalah dengan menggunakan **Net Configuration Assistant**. Pilih **Listener Configuration** dan kemudian klik tombol **Next >>.**

Menghapus Listener						
	Oracle Net Configuration Assistant: Listener Configuration, Listener					
	Cancel Help Yeak Next Next					
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Pilih **Delete** dan kemudian Klik tombol **Next >>**.

Menghapus Listener						
	Oracle Net Configuration Assistant: Listener Configuration, Select Listener Select a listener you want to delete: LISTENER					
	Cancel Help <u>Back Next</u>	6				

Pilih nama Listener yang akan dihapus, kemudian Klik tombol Next >>.

Menghapus Listener

ORACLE Oracle Net Configuration Assistant	×		
This listener is current to stop and delete the	lly running. Are you sure you want listener with the name LISTENER?	ssistant: Listener Configuration, Listener Deleted	
	Yes No	Listener LISTENER was deleted.	
	Cancel Help	S Back Next S	
	racle-academy@if-unika	om oleh : Andri Heryandi, S.T., M.T. (2009)	- Dirikow

Akan muncul dialog konfirmasi apakah anda yakin akan menghapus listener **LISTENER**? Klik tombol **YES**.

Tunggu beberapa saat sampai muncul dialog informasi bahwa Listener telah dihapus. Klik tombol **Next >>**.

Di layar berikutnya yang menampilkan bahwa penghapusan telah selesai, maka klik tombol Next >>, dan di layar selanjutnya klik tombol Finish untuk menutup layar Net Configuration Assistant.

Menghapus Listener



Jika berhasil, maka service akan terhapus dari daftar service windows.