

ORACLE®



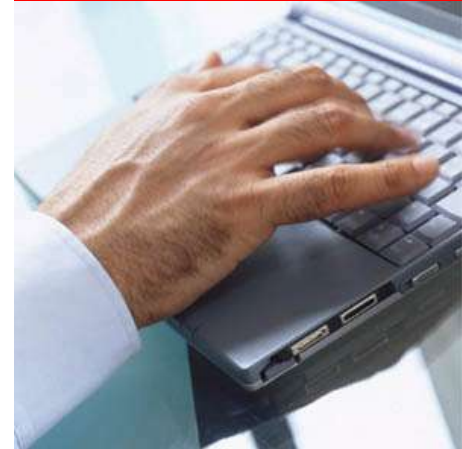
ORACLE®

Gestión Corporativa de Contenidos

Luis Serrano
Solution Specialist

Agenda

- Introducción
- Arquitectura de Software
- Escenarios de Despliegue
- Arquitectura Fisica
- Fácil Adopción
- Instalación de Oracle Content DB
- Oracle Enterprise Content Management
- Resumen
- Siguietes Pasos



El Explosivo Crecimiento de Información

Documents, Images, Voice, Video, IM, Email ...



Broadcast Yourself™

Videos

Categories

Channels

Director Videos






Control number: 000001 22222 Void ☐ For Official Use Only ☒ ONE No. 1540-0008

Employer identification number: fed0001

Employer's name, address, and ZIP code
Oracle Corp.
500 Oracle Parkway
Redwood Shores
Redwood City, CA 94065

Employer's social security number: 000-000-0000

Employer's first name and initial: Last name: Kang

500 Oracle Parkway
Redwood Shores
Redwood City, CA 94065

Employer's address and ZIP code

15. State: xxxy	16. State wages, tips, etc.: \$10,000	17. State income tax: \$10,000

1. Wages, tips, other compensation: \$10,000 2. Federal income tax withheld: \$10,000 3. Social security wages: \$10,000 4. Social security tax withheld: \$10,000 5. Medicare wages and tips: \$10,000 6. Medicare tax withheld: \$10,000 7. Social security tips: \$10,000 8. Advanced tips: \$10,000 9. Advance EIC payment: \$10,000 10. Dependent care benefits: \$10,000 11. Nonqualified plans 12a. See instructions for box 12 12b. \$12a_meaning 12c. \$12b_meaning 12d. \$12c_meaning 12e. \$12d_meaning	13. Other: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00 14. Other: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
--	---

Form **W-2** Wage and Tax Statement 2003

Copy A For Social Security Administration—Send this entire page with Form W-3 to the Social Security Administration; photocopies are not acceptable.

Cat. No. 10134D

Plastic xCutCont

Yahool Messenger

Messenger View Contacts Help

Wayne Graff - Available

Messenger Address Book

Kilborne, Aaron Instant Message

Koffman, John Call Computer

Kurt Hamilton Instant Message

Kurt Hamilton Call Computer

Lara Sampson - Call me! Call Work

Robert Call Mobile

Samantha

LAUNCHcast Radio

Do Not Cut, Fold, or Staple Forms on This Page — Do Not Cut, Fold, or Staple Forms on This Page



Explore, Search and Discover

ORACLE General Ledger		Posted Journals	Report Date: 8/12/2004				
Vision Operations (USA)		From 01-JAN-99 to 31-JAN-99	Page 5 of 50				
Currency	USD						
Balance Type	Actual						
Source: Intercompany							
Batch: CENTRA: Operations Intercompany 34281: A 4954			Posted Date: 30-SEP-99				
Journal: CENTRA: CT00000099 Intercompany Transfer USD		Category: Intercompany Transfer	Effective Date: 31-JAN-99				
Reference:	Journal Input Created	Currency: USD					
Line	Account	Transaction Date	Description	Line Item	Debit	Credit	Unit
1	01-404-7552-0000-000	31-JAN-99	Journal Input Created	CT00000099	3,000.00		0.00
2	01-044-7753-0000-000	31-JAN-99	Journal Input Created	CT00000099		3,000.00	0.00
Journal Total					3,000.00	3,000.00	0.00
Journal: CENTRA: CT00000070 Intercompany Transfer USD		Category: Intercompany Transfer	Effective Date: 31-JAN-99				
Reference:	Journal Input Created	Currency: USD					
Line	Account	Transaction Date	Description	Line Item	Debit	Credit	Unit
1	01-000-1410-0000-000	31-JAN-99	Journal Input Created	CT00000070	12,000.00		0.00
2	01-000-1813-0000-000	31-JAN-99	Journal Input Created	CT00000070		16,000.00	0.00
3	01-002-4163-0000-000	31-JAN-99	Journal Input Created	CT00000070	15,000.00		0.00
4	01-002-6110-0000-000	31-JAN-99	Journal Input Created	CT00000070	12,000.00		0.00
Journal Total					27,000.00	27,000.00	0.00
Journal: CENTRA: CT00000071 Intercompany Transfer USD		Category: Intercompany Transfer	Effective Date: 31-JAN-99				
Reference:	Journal Input Created	Currency: USD					

le Corporation ircle Parkway ood Shores, CA 94404		Date: 11/22/2004	
the order of <u>Vision Corporation</u>		\$ 2,100.00	
hundred one hundred and zero cents*****		Effective Date: 31-JAN-05	

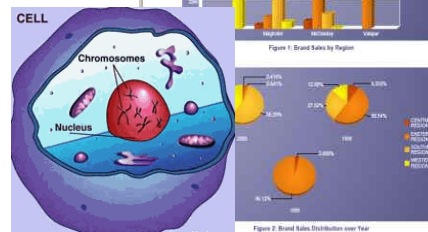
Quarterly Revenue			
Revenue Overview			
COATINGS			
	TOTAL	Enterprise	Regional
CONTROL REGION	5,475,000	5,475,000	
CHICAGO	985,500	1,885,500	
DETROIT	7,950,000	8,330,000	
INDIANAPOLIS	2,550,000	14,000	
MILWAUKEE	1,500,000	8,000,000	
ST. LOUIS	1,500,000	1,500,000	
TAMPA	1,500,000	1,500,000	
TULSA	1,500,000	1,500,000	
WICHITA	1,500,000	1,500,000	
WYOMING	1,500,000	1,500,000	
TOTAL	1,500,000	1,500,000	

Google Earth™ Explore, Search and Discover

- [Home](#)
- [Downloads](#)
- [Products](#)
- [Product Tour](#)
- [Help](#)

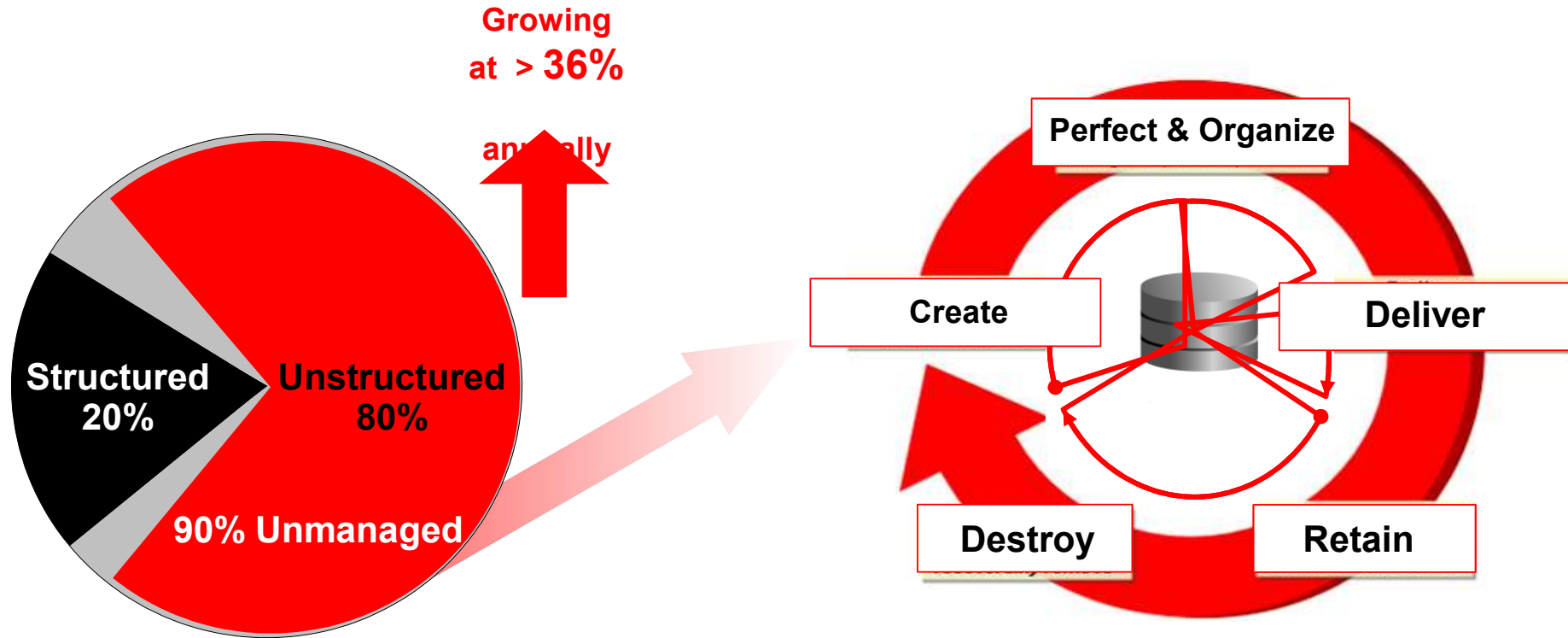


New! January 8th, 2007 - [Check out the latest version of Google Earth \(Release 4\)](#)

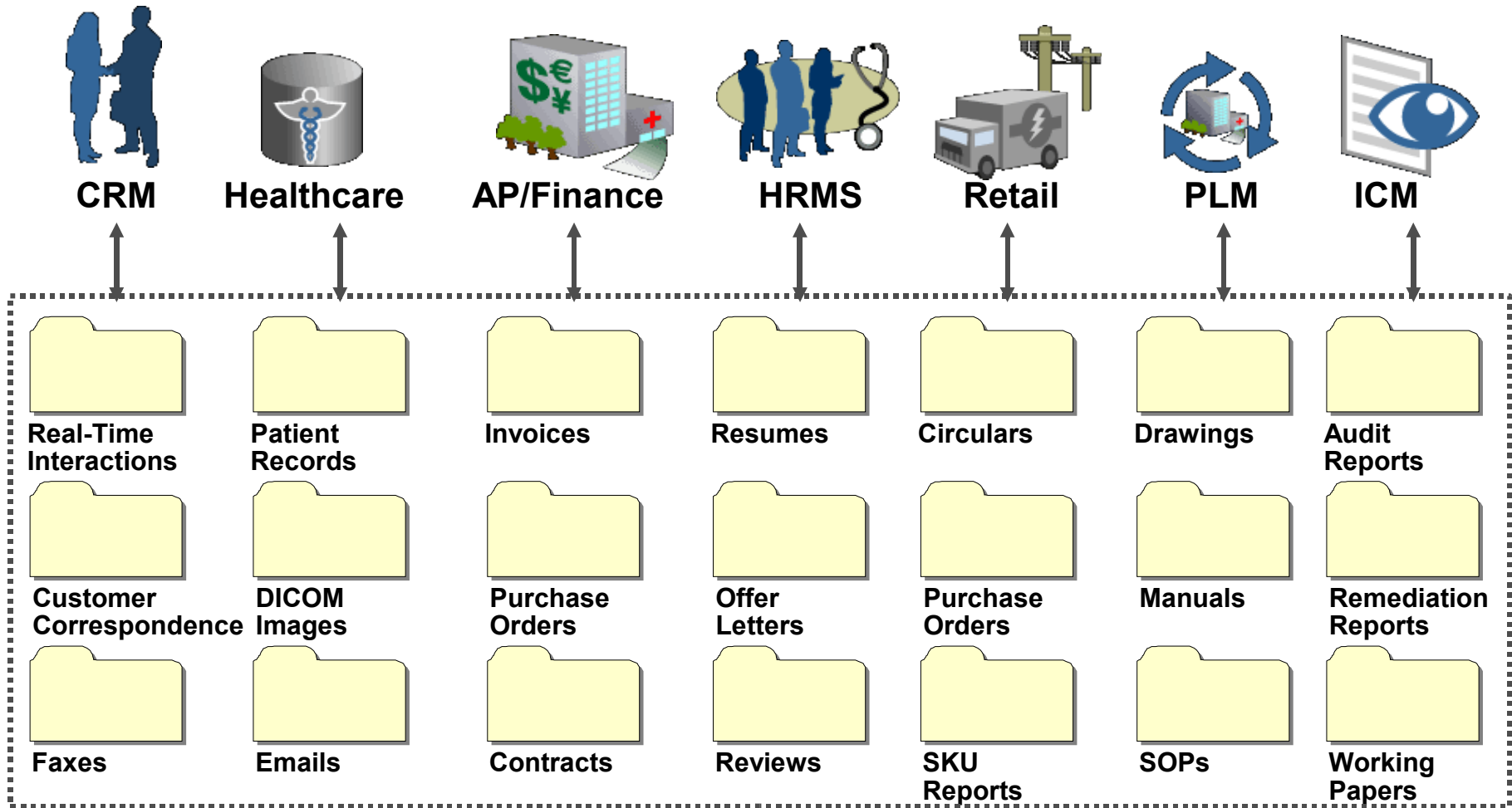


Información Estadística & Ciclo de Vida

Documentos, Imágenes, Voz, Video, IM, Email ...



El Contenido No Estructurado esta en todas partes



Qué No Esta Siendo Administrado?

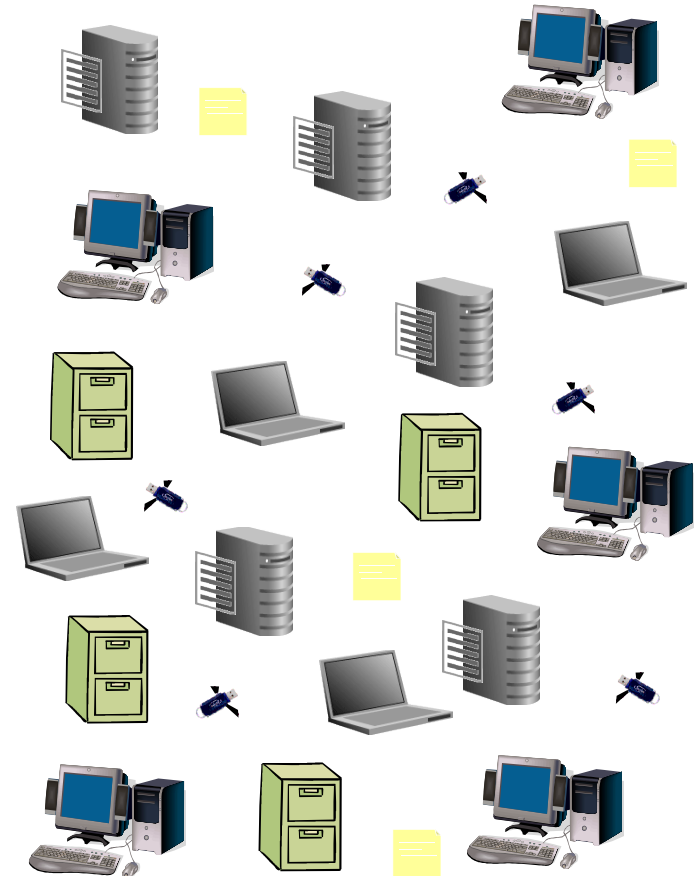
Esparcido, Aislado, No Seguro



Databases and
Business Apps



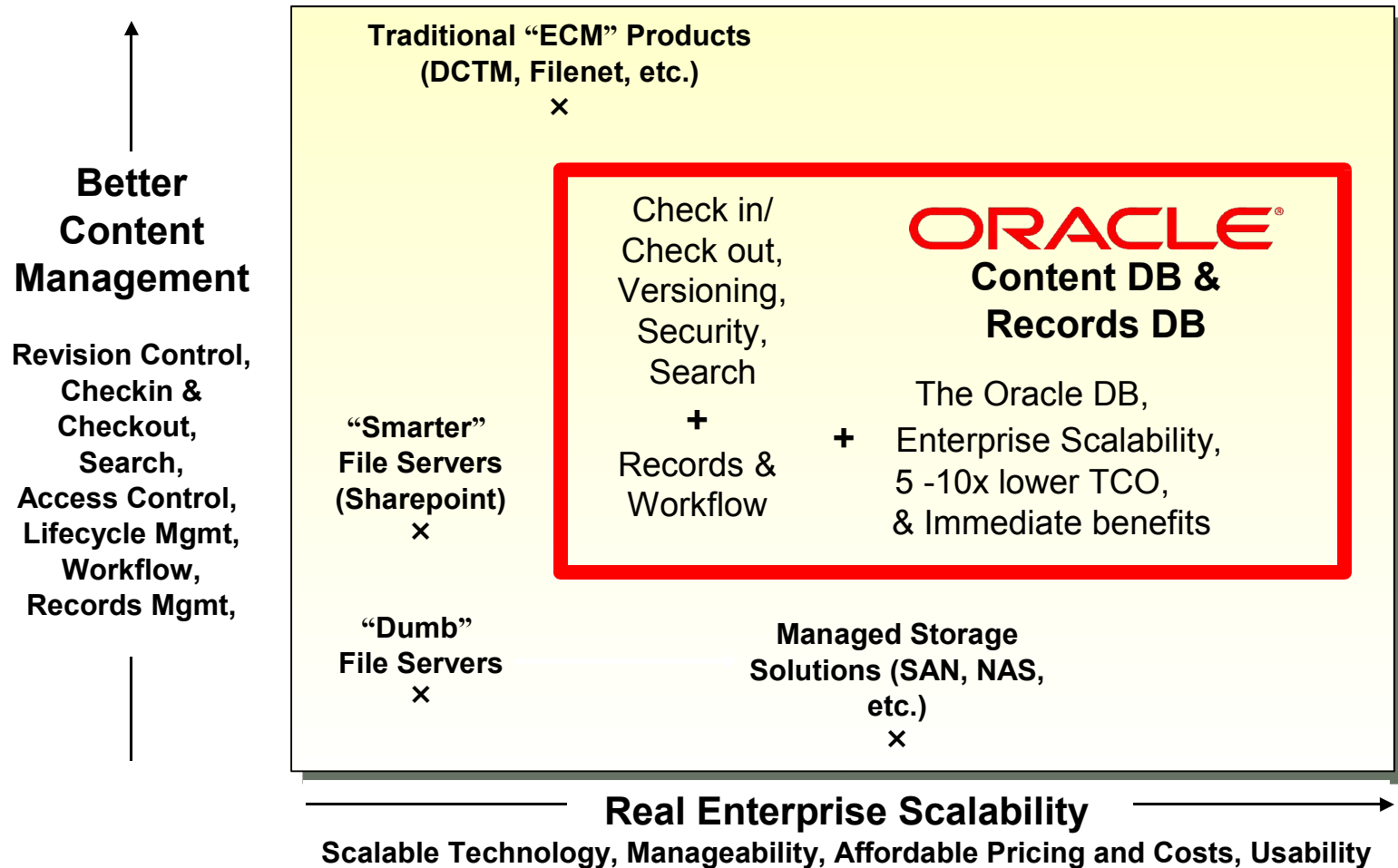
“ECM” Apps



The Rest of Us

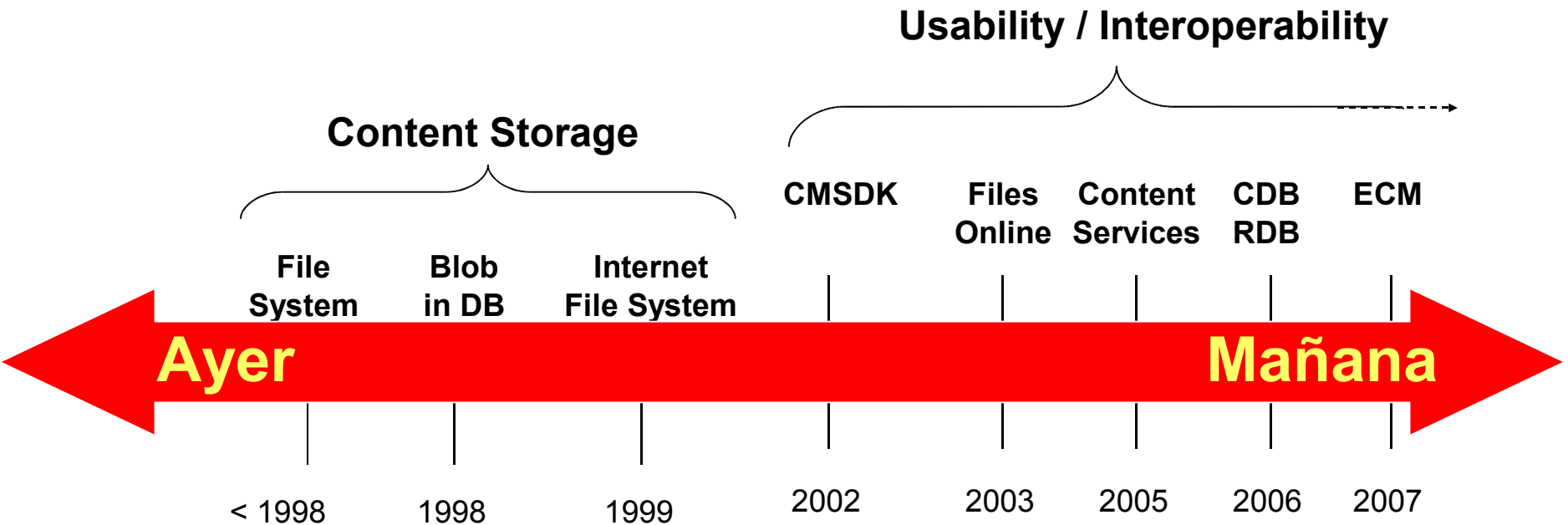
Donde Nos encontramos?

Una Mejor opción Para Nuestros Clientes



Oracle Content Management

Evolución del Producto

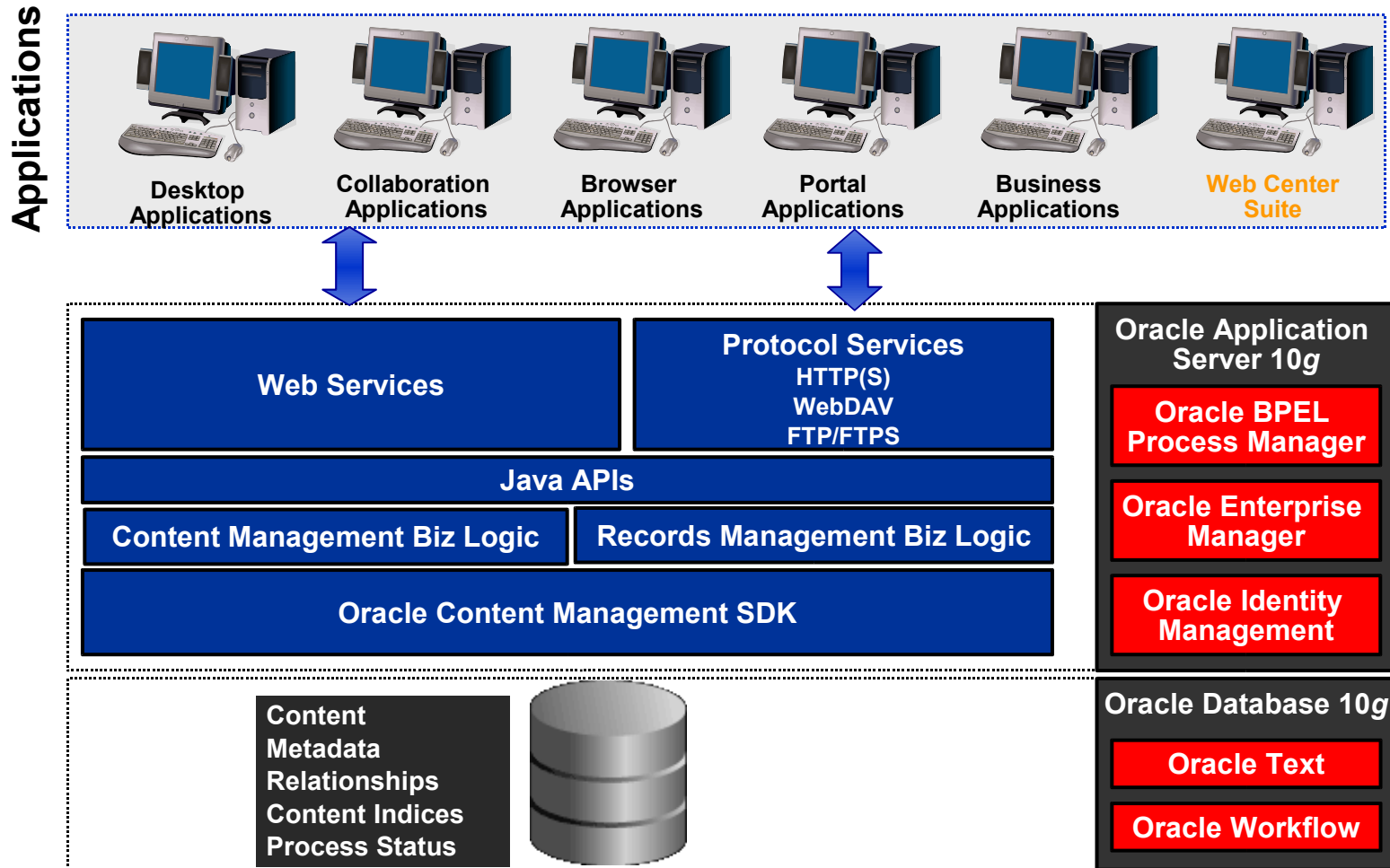


Arquitectura de Software



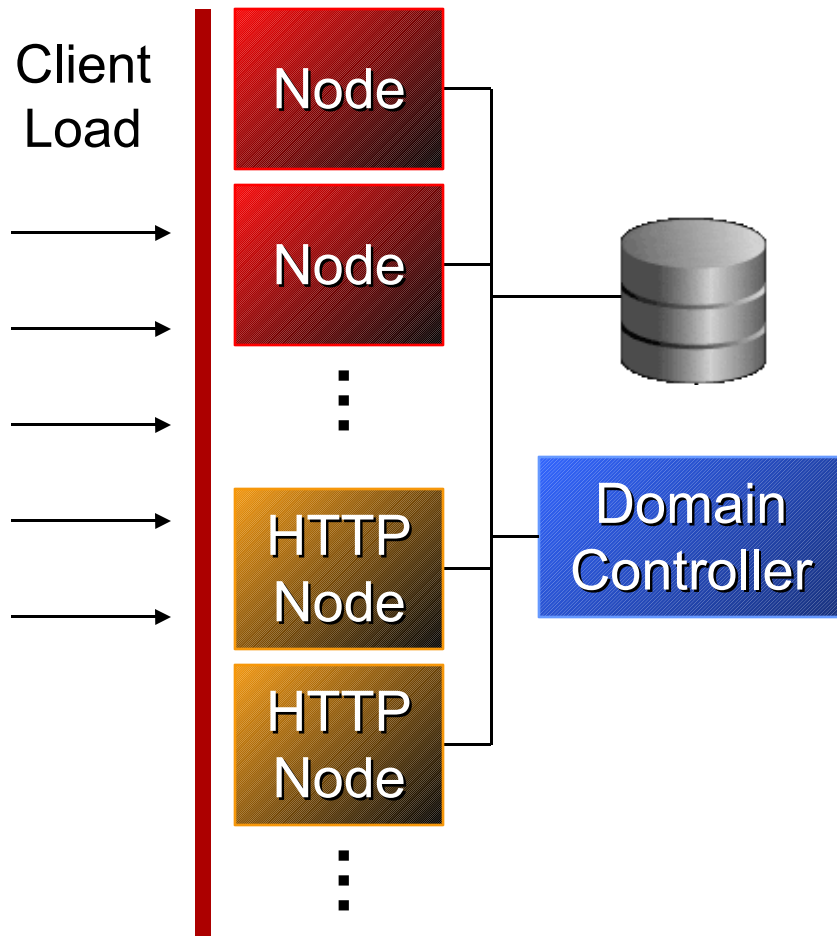
Software Architecture

Content Database



Software Architecture

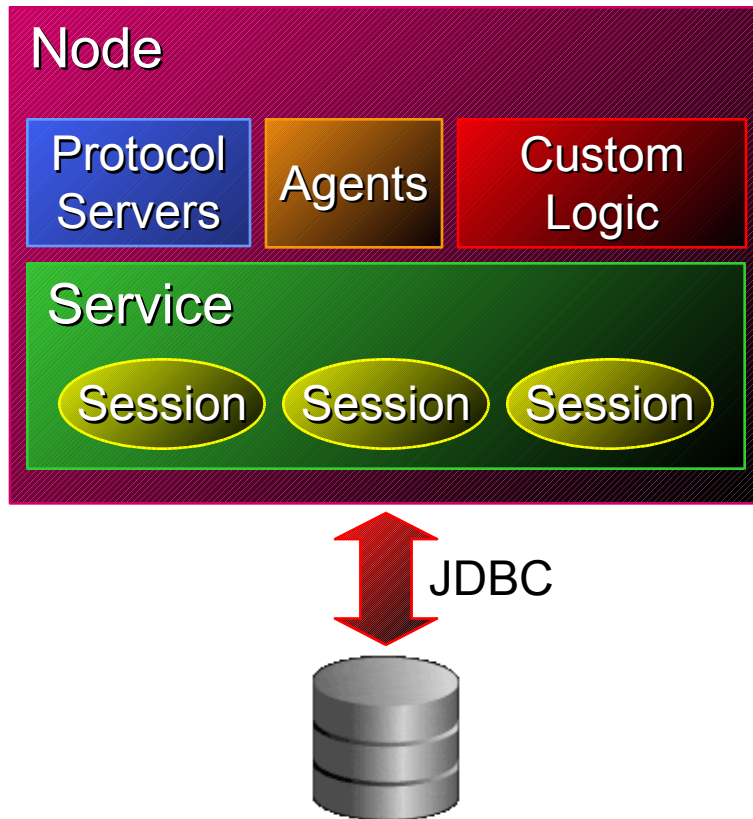
Domain



- Domain Controller
 - Starts, stops, manages, and monitors the domain
- One or more Nodes
 - HTTP Nodes: OC4J instances
 - CDB Business Logic
 - RDB Business Logic
 - “Non-HTTP” Nodes: standalone Java VMs
- All on one host, or split across a set of hosts

Software Architecture

Node



- One or more services
 - “Windows” to a particular repository
 - Session factories
- One or more servers
 - Protocol servers, agents, custom logic (e.g. event handlers, auditing)
 - Operate against user sessions

Escenarios de Despliegue



Deployment Scenarios

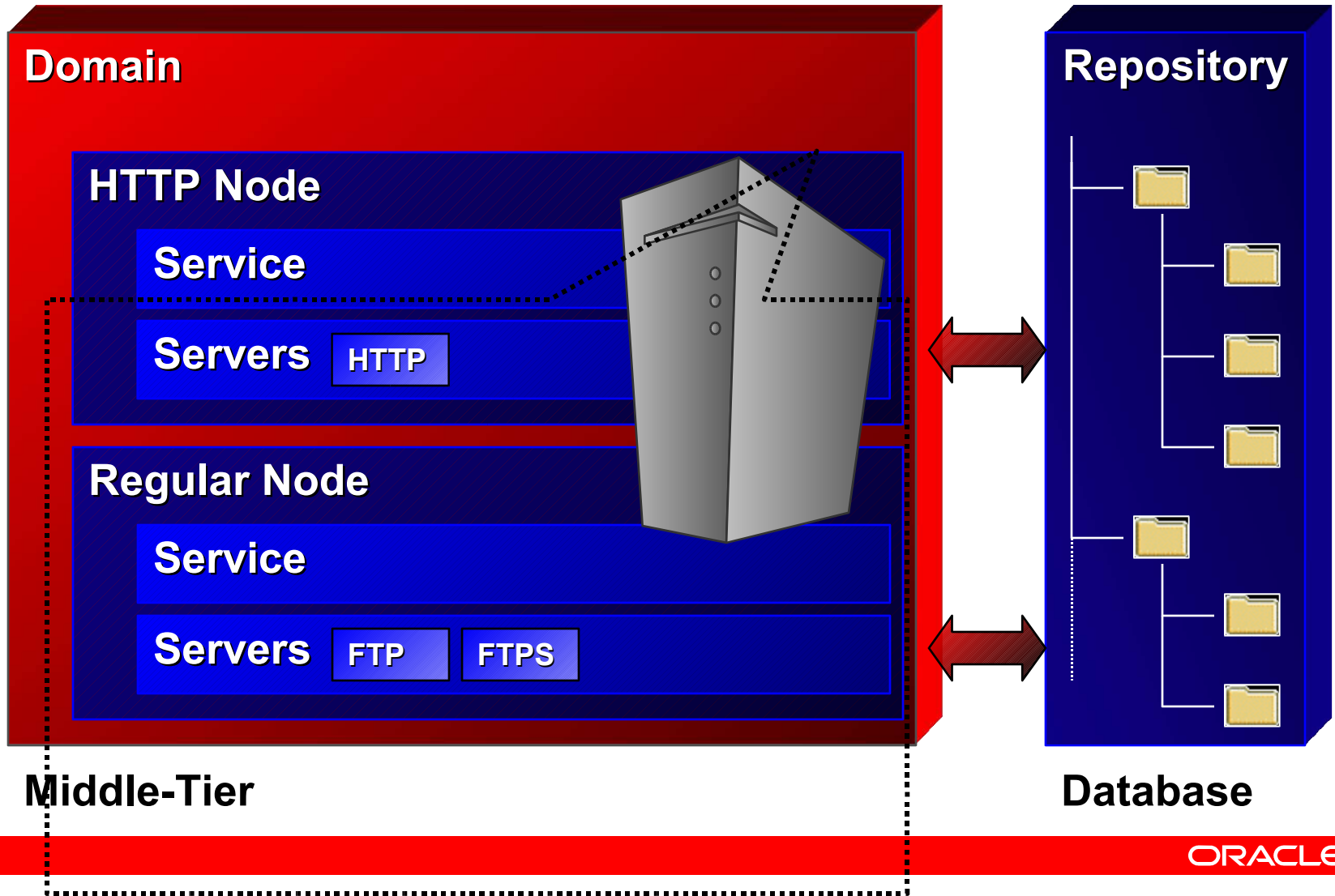
Unico Host

- Generalmente usado para demos, pilotos hosteados o POC
- Puede ser usado durante la fases iniciales de un proyecto mucho más grande de producción

Deployment Scenarios

Unico Host

single host



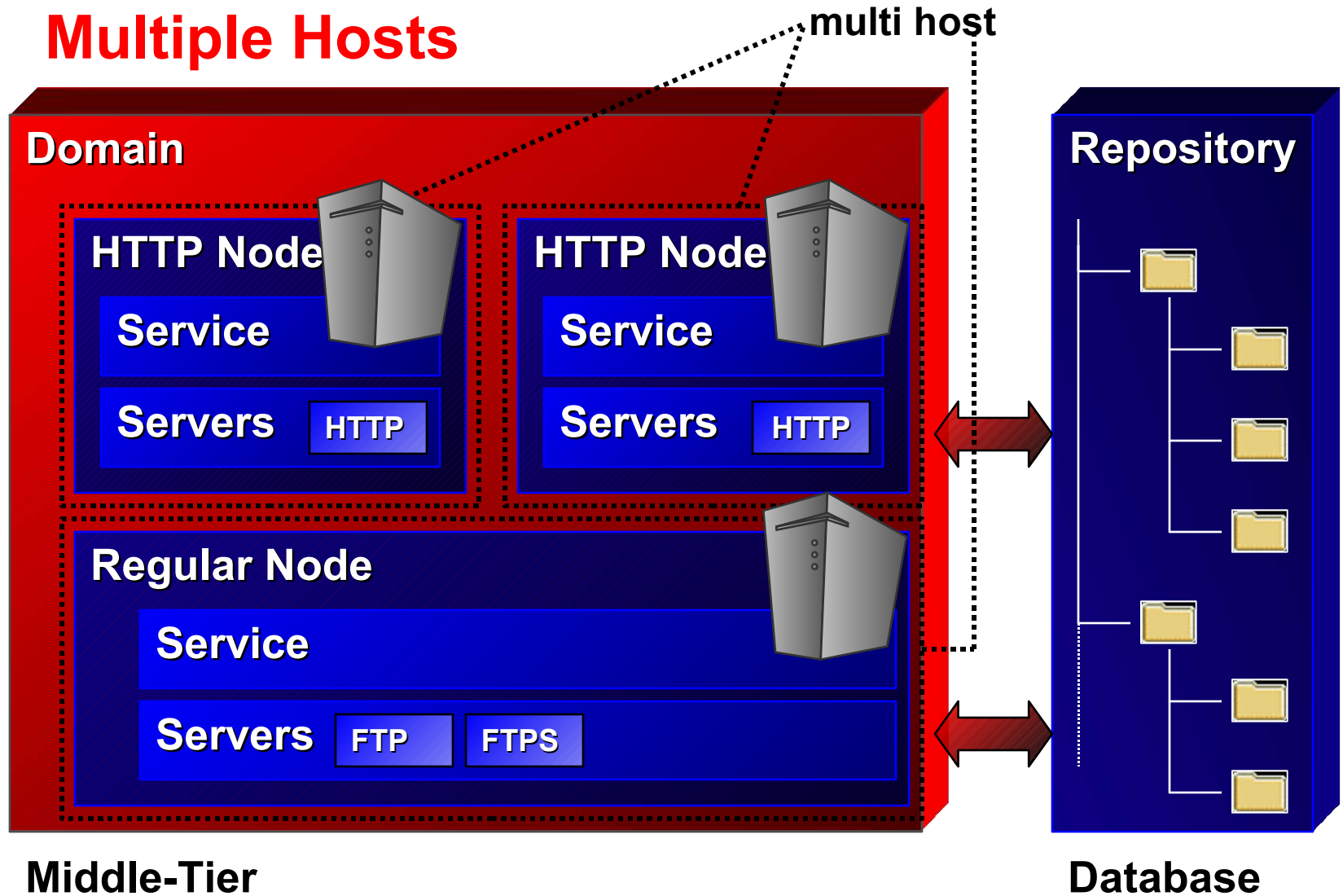
Deployment Scenarios

Multiple Hosts

- Escalabilidad
 - Rendimiento
 - Manejar miles de usuarios WebDav
-
- *Oracle tiene al menos unicamente 8 nodos para manejar miles de usuarios WebDAV, por ejemplo*

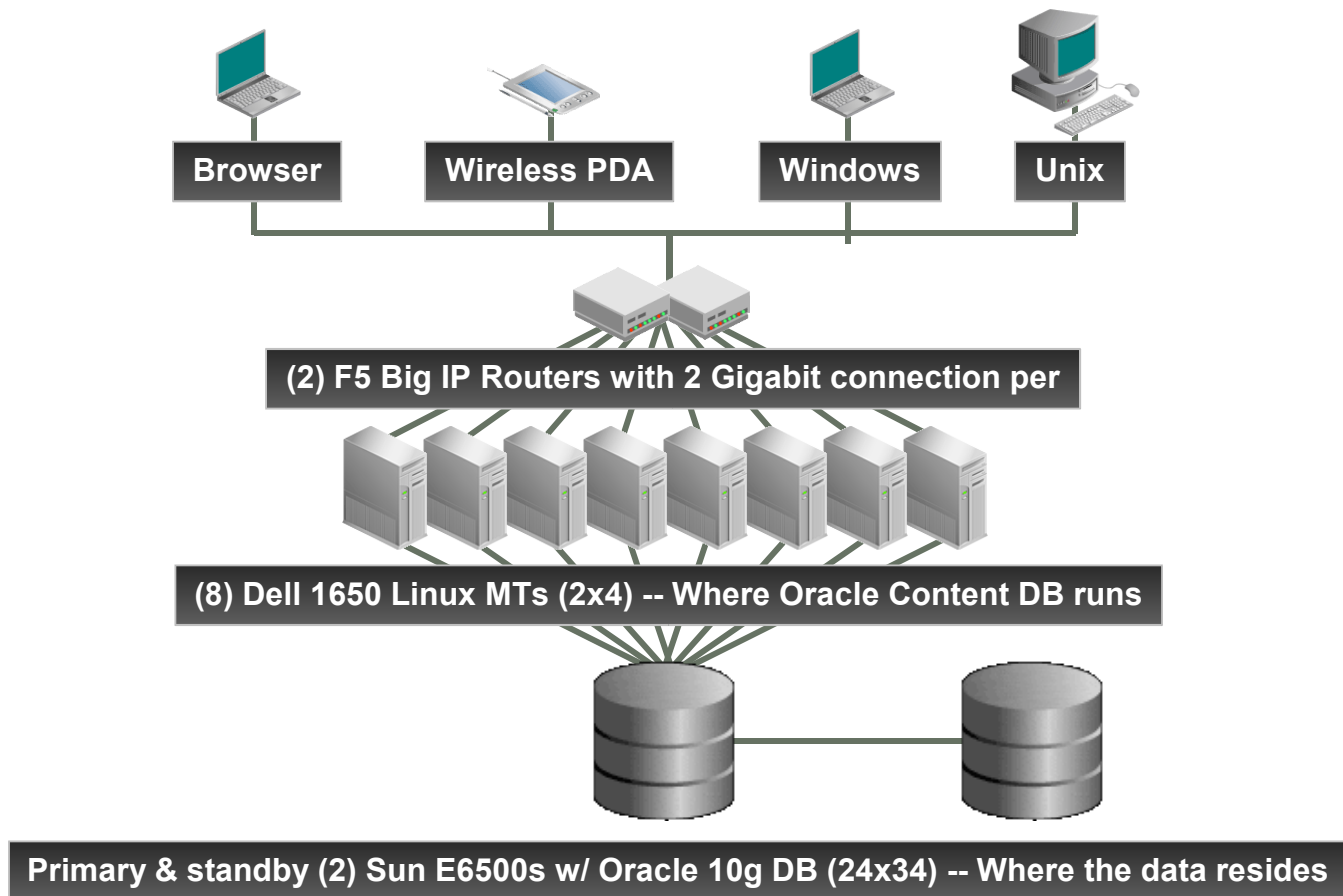
Deployment Scenarios

Multiple Hosts



Alta Disponibilidad & Escalabilidad

Internal Deployment of CDB at Oracle (50,000+ users)



Internal Deployment of CDB at Oracle

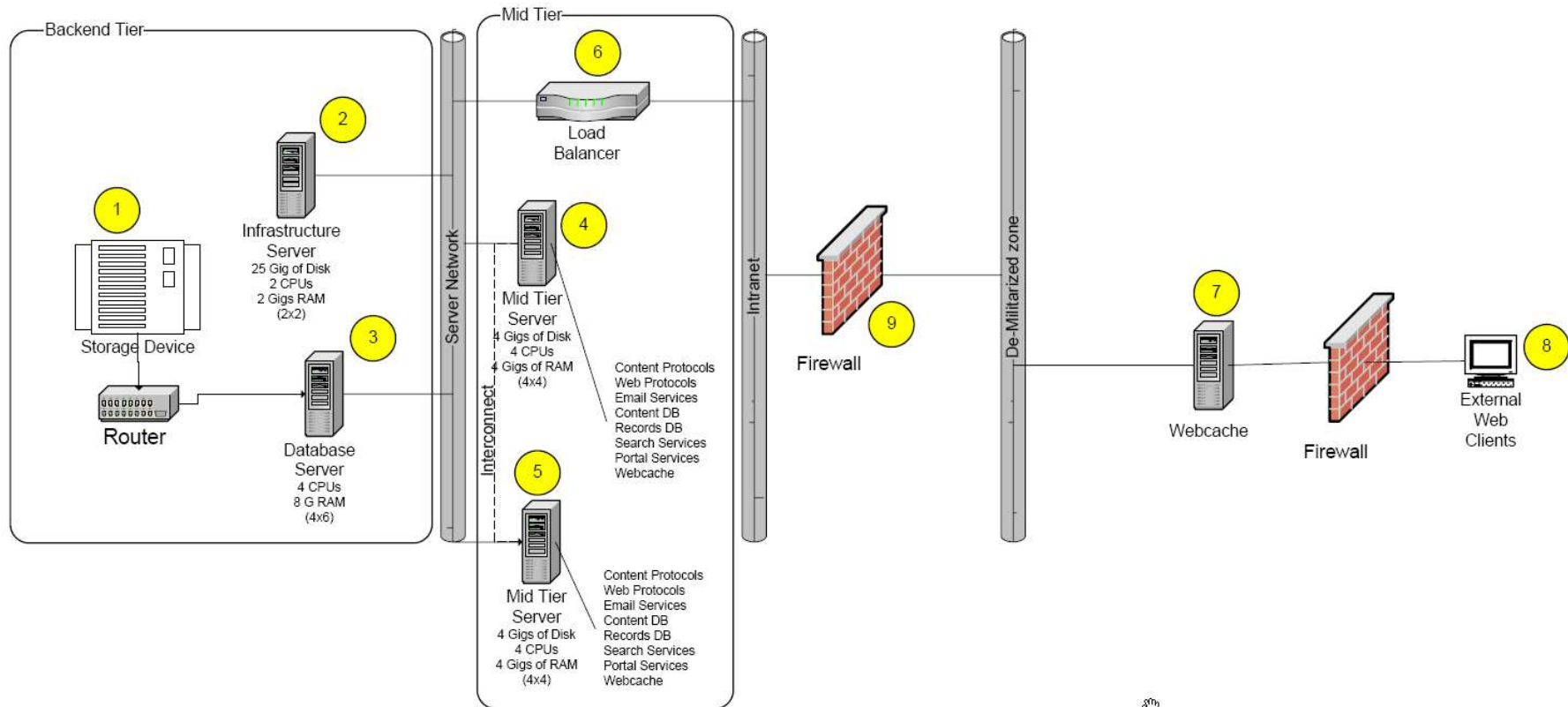
- 57k users worldwide
- 45k use each week
- 22 million documents
- 13.5 TBytes
- 30k documents added—120k documents accessed per day
- 3.5 FTE administrators
- \$70k computer cost
- Replaced 1,200 file servers
- \$8.2 million annual savings

Arquitectura Física



Arquitectura Física

Un Ejemplo

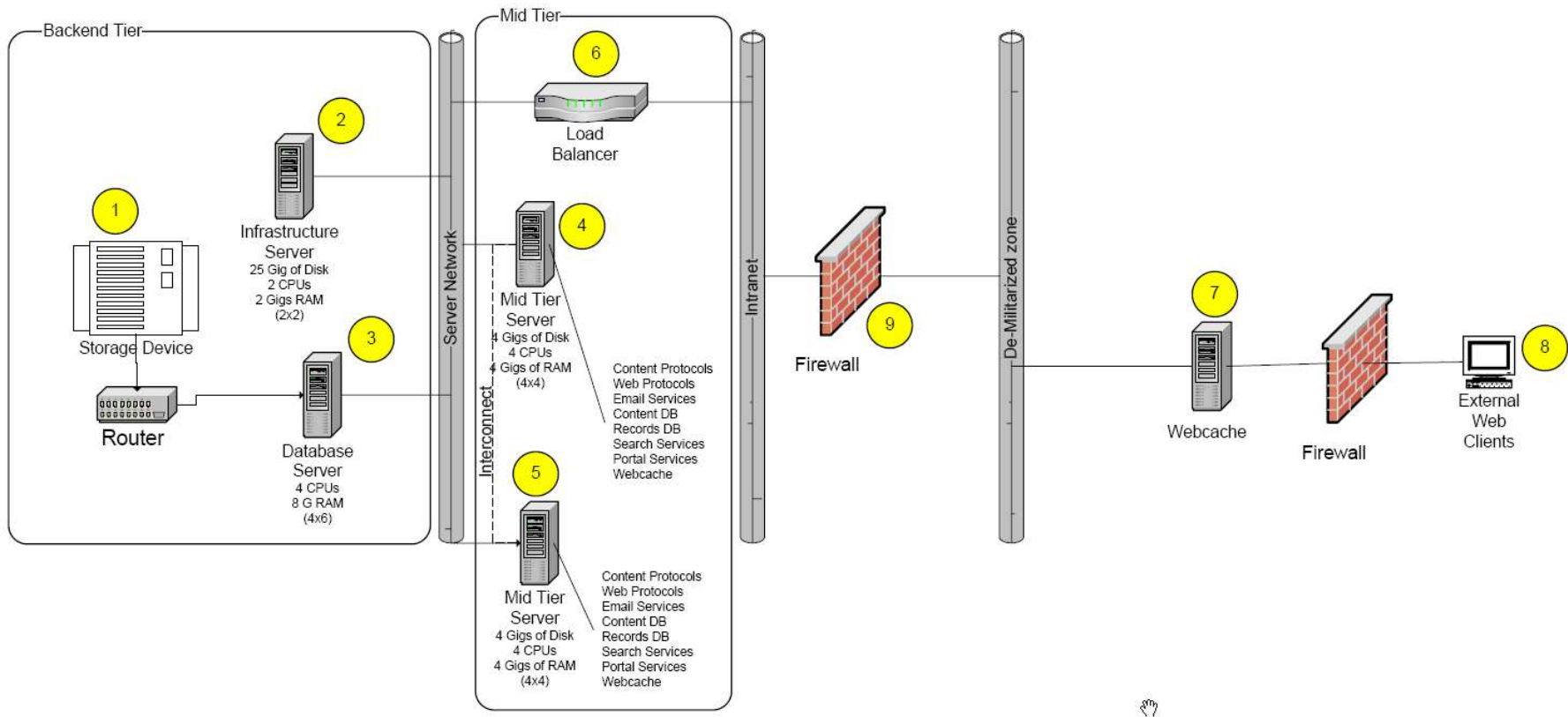


- 5,000 users
- 10% concurrency
- No HA

- 2,000,000 documents
- Average doc size == 300k

Arquitectura Física

Alta Disponibilidad



•Qué necesitaríamos para brindarle alta disponibilidad?

Arquitectura Física

Certificación

Subject: **Oracle Content DB and Records DB Certification Matrix**

Doc ID: [Note:387645.1](#)

Last Revision Date: **04-OCT-2006**

Type: **BULLETIN**

Status: **PUBLISHED**

Oracle Content DB and Records DB Certification Matrix

Release	Ships with Database?	Ships with iAS?	Ships with Collaboration Suite?
Oracle Content DB and Records DB 10g Release 1 (10.2.0.0.0)	Yes	No	No

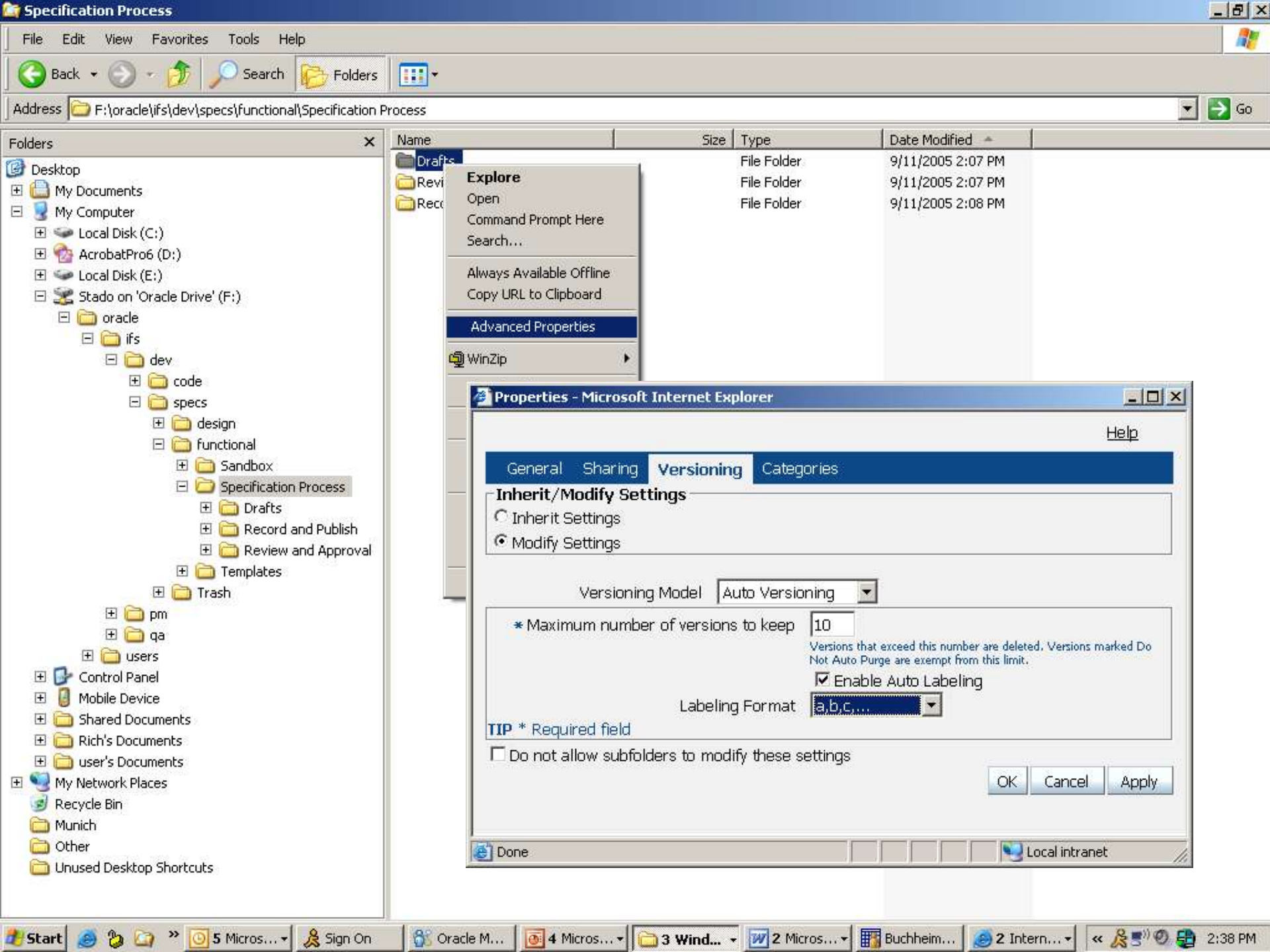
Certification Details

Version / Base RTM	Software & Hardware Certifications	Platforms
Oracle Content DB and Records DB 10g Release 1 (10.2.0.0.0) 08-Aug-06 for Linux (10.2.0.0.0)	<u>Oracle Content DB and Records DB Server Certifications</u> Oracle Database Certifications Oracle Content DB and Records DB is certified with the following database versions: - o Oracle RDBMS 10.2.0.2 (or higher) - o Oracle RDBMS 10.1.0.5 (or higher) - o Limitation: Oracle RDBMS 9.x is not supported. NOTE: Oracle Content DB and Records DB are 'MID-TIER' installations, and can use 'ANY' platform Oracle database installation (10.1.0.5 or 10.2.0.2) for their database schema.	Content DB and Records DB 10.2.0.0.0 has been certified to run on the following platforms: - o Linux 32-bit: - Red Hat Enterprise Linux AS/ES (RHAS) 3.0 - Red Hat Enterprise Linux AS/ES (RHAS) 4.0 - SUSE Linux Enterprise Server (SLES) 9 - o Linux Itanium: - Red Hat Enterprise Linux AS/ES (RHAS) 3.0 - Red Hat Enterprise Linux AS/ES (RHAS) 4.0 - SUSE Linux Enterprise Server (SLES) 9 - o Linux x86-64 (32-bit Cert) - Red Hat Enterprise Linux AS/ES (RHAS) 3.0

<https://metalink.oracle.com/metalink/plsql/f?p=130:14:2322220946070546201>

Fácil Adopción





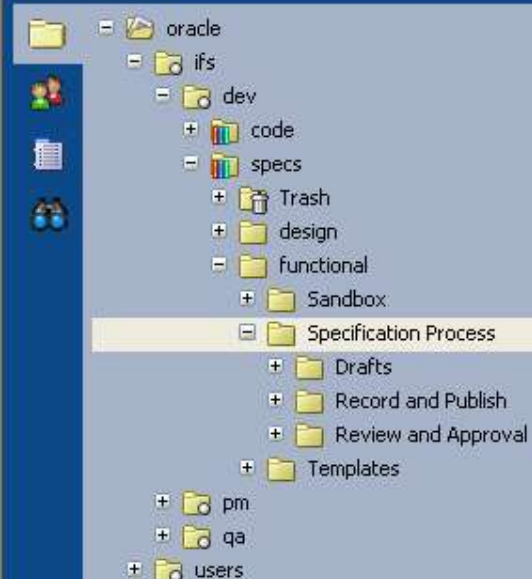
tim

Preferences | Help | Switch to Administration Mode | Sign Out

File | Edit | View | + Upload | Copy Paste | Delete | Find Files

Current Location /oracle/ifs/dev/specs/functional/Specification Process

Back Forward Up



Name	Size	Last Modified	Description	Status
Draft		9/11/05 9:07 PM		
Revision		9/11/05 9:07 PM		
Recreated		9/11/05 9:08 PM		

Upload

Copy URL

E-mail URL

Cut

Copy

Paste

Paste as Link

Submit For Workflow

Cancel

Delete

Empty

Properties

Search

Properties - Microsoft Internet Explorer

Help

General Sharing Versioning Categories

Inherit/Modify Settings

☐ Inherit Settings

☒ Modify Settings

Versioning Model Auto Versioning

* Maximum number of versions to keep 10

Versions that exceed this number are deleted. Versions marked Do Not Auto Purge are exempt from this limit.

☒ Enable Auto Labeling

Labeling Format a,b,c,...

TIP * Required field

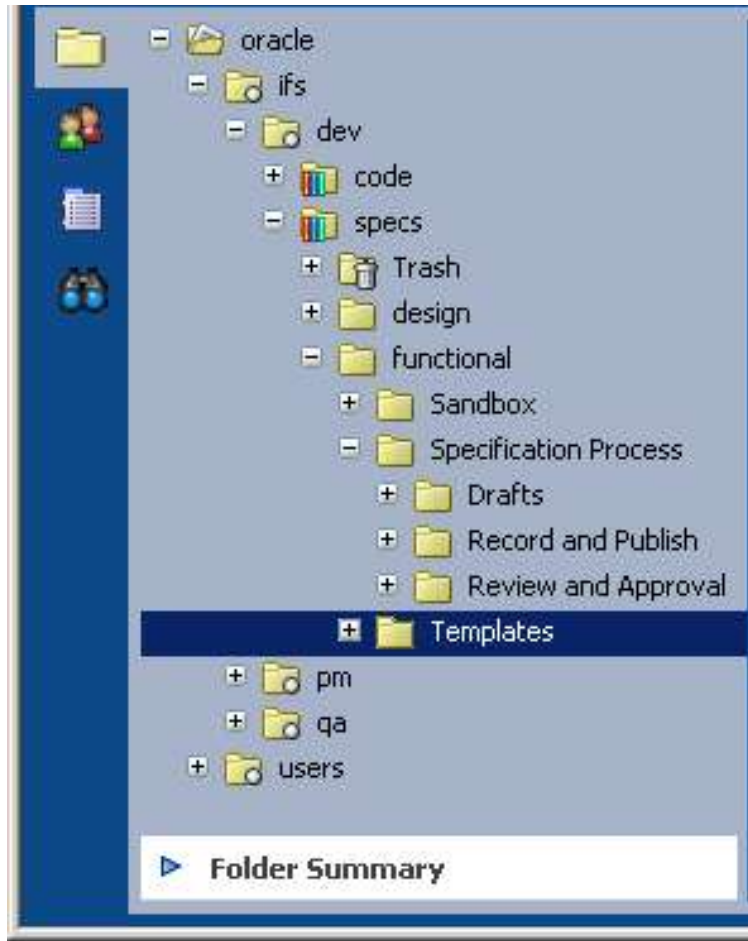
☐ Do not allow subfolders to modify these settings

OK Cancel Apply

Done Local intranet

Folder Summary

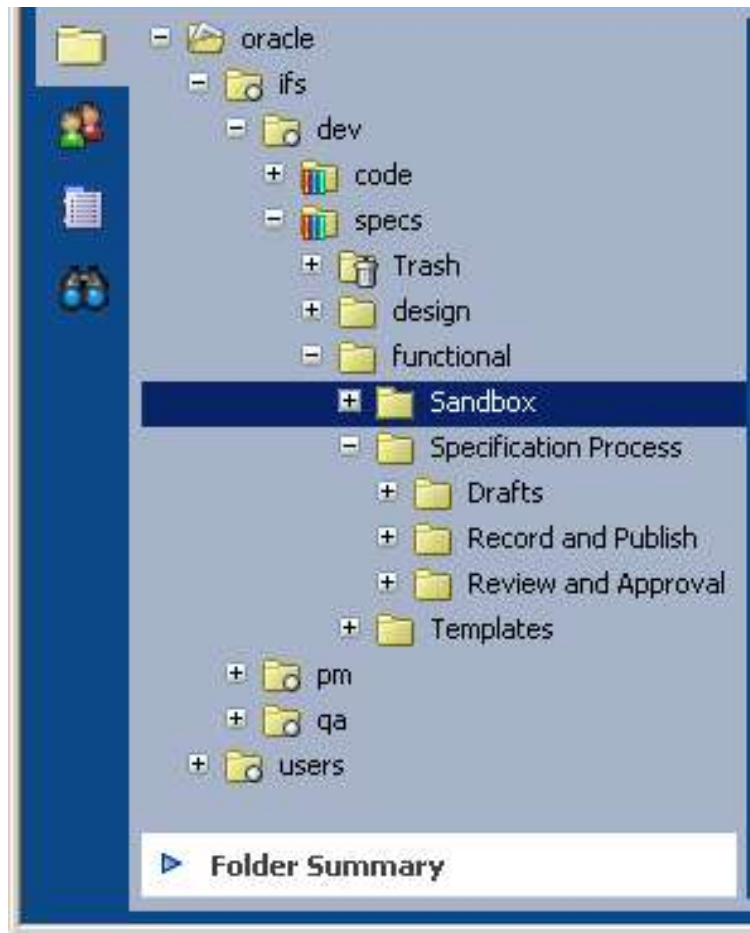
Ejecución de 1 Proceso del Negocio



El usuario accesa a los templates



Ejecución de 1 Proceso del Negocio

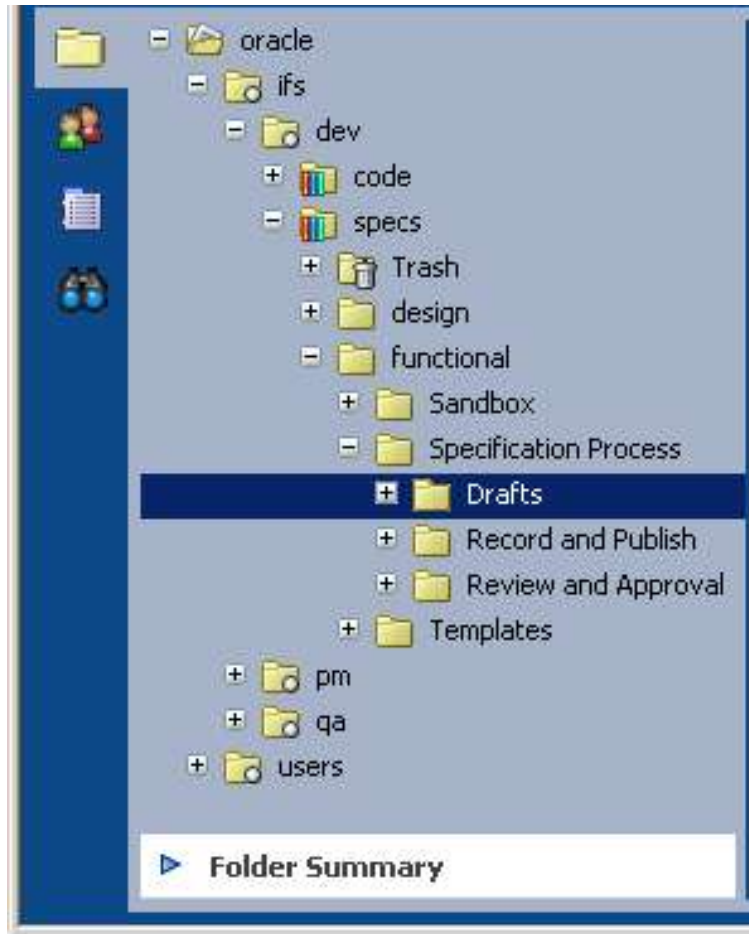


El usuario accesa a los templates

El usuario empieza a bosquejar ideas de una especificación en MS/Word usando "Sandbox"



Ejecución de 1 Proceso del Negocio



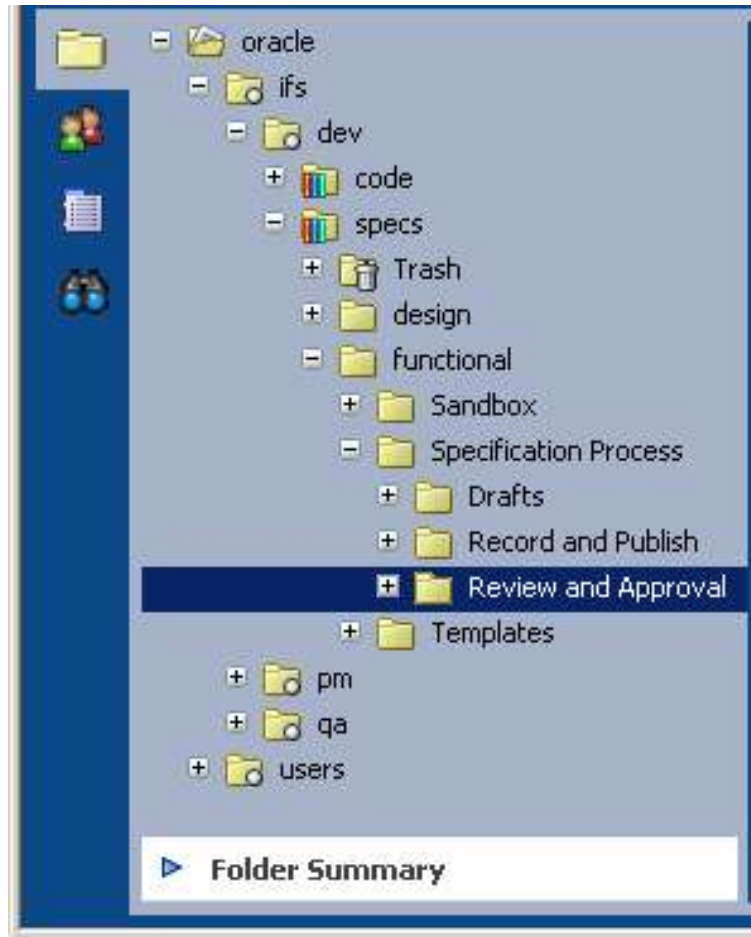
El usuario accesa a los templates

El usuario empieza a bosquejar ideas de una especificación en MS/Word usando "Sandbox"

El usuario lo mueve a Draft y crea varias versiones



Ejecución de 1 Proceso del Negocio



El usuario accesa a los templates

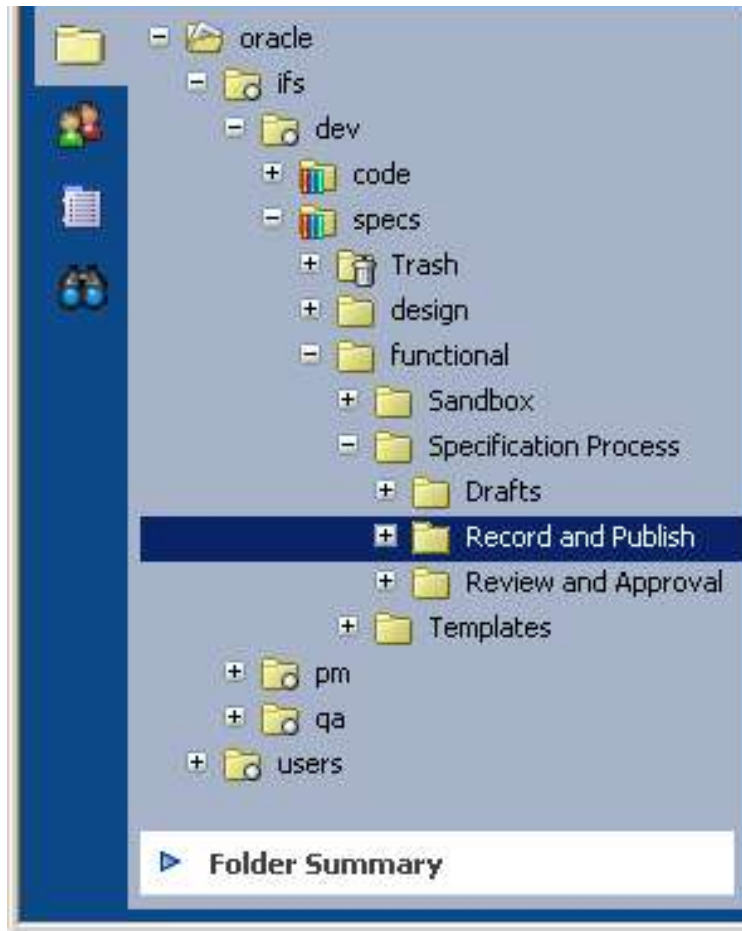
El usuario empieza a bosquejar ideas de una especificación en MS/Word usando "Sandbox"

El usuario lo mueve a Draft y crea varias versiones

El usuario copia el último borrador a "Review and Approval" donde la categoría es adicionada y el workflow de aprobación es automáticamente disparado



Ejecución de 1 Proceso del Negocio



El usuario accesa a los templates

El usuario empieza a bosquejar ideas de una especificación en MS/Word usando "Sandbox"

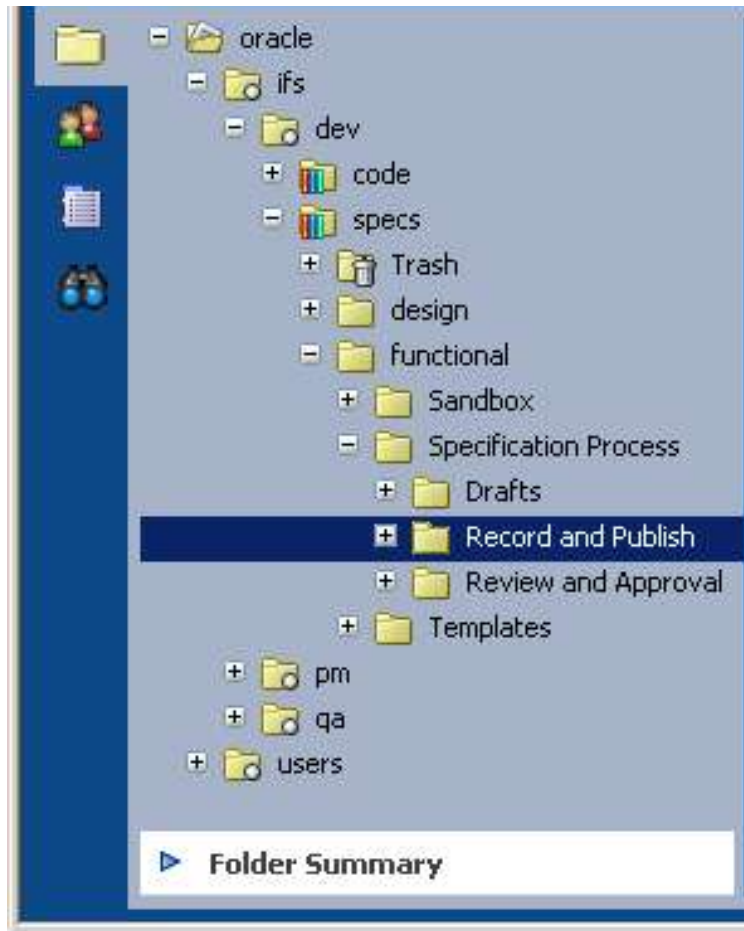
El usuario lo mueve a Draft y crea varias versiones

El usuario copia el último borrador a "Review and Approval" donde se adiciona la categoría es adicionada y el workflow de aprobación es automáticamente disparado

Número requerido de aprobadores para este documento y al culminar el workflow automáticamente lo mueve a "Record and Publish"



Ejecución de 1 Proceso del Negocio



El usuario accesa a los templates

El usuario empieza a bosquejar ideas de una especificación en MS/Word usando "Sandbox"

El usuario lo mueve a Draft y crea varias versiones

El usuario copia el último borrador a "Review and Approval" donde se adiciona la categoría es adicionada y el workflow de aprobación es automáticamente disparado

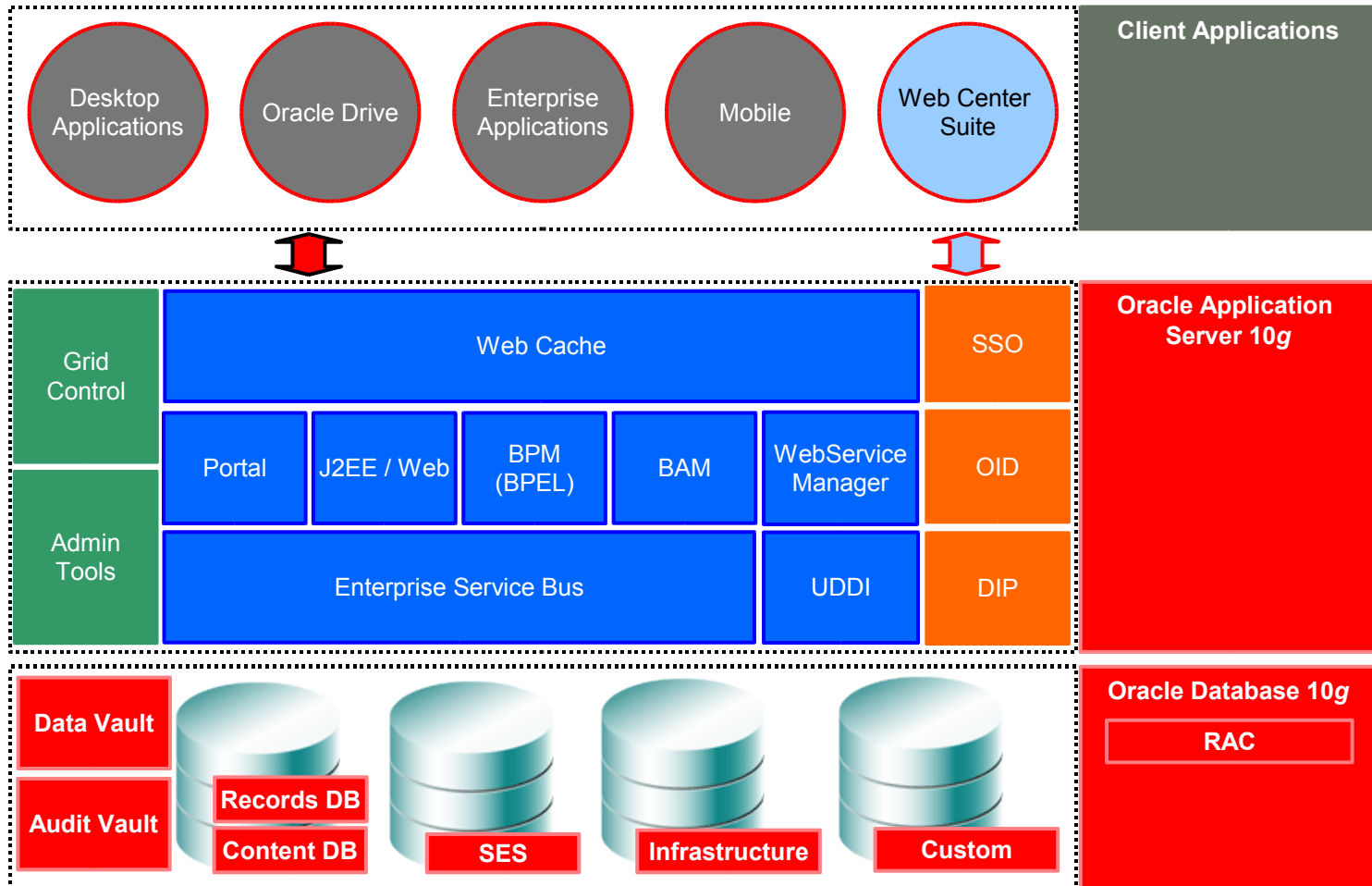
Número requerido de aprobadores para este documento y al culminar el workflow automáticamente lo mueve a "Record and Publish"

Apenas llega a "Record and Publish", la especificación automáticamente llega a ser un registro y es disponible a todos los usuarios del site, quienes son automáticamente notificados por email sobre la nueva especificación disponible



Content Management Architecture

The Big Picture



Oracle WebCenter – Hot Pluggable



Development Tools

Eclipse, CollabNet Subversion, Spring, Struts, JUnit, Ant, Tapestry, CVS, MS Visual SourceSafe

Apps

SAP R/3, mySAP, all Oracle Applications



User Interaction

WSRP and JSR-168 Portals, Adobe Flex, MS Office, Wireless and Mobile Devices

Collaboration

MS Exchange, Lotus Notes, Oracle OCS

Content Mgmt

Documentum, Lotus Domino, Windows Sharepoint, Oracle ContentDB

Real-time Communication

LCS, Sametime, WebEx, HotSip



Application Server

BEA WebLogic, IBM WebSphere, JBoss App Server, Apache Tomcat

DBs

IBM DB2 & Informix, MS SQL Server, Sybase IQ



Systems Management

HP OpenView, CA Unicenter, IBM Tivoli, BMC Patrol



Identity Management

MS Active Directory & MIIS, CA eTrust SSO, all LDAP Directories

Task-oriented User Interactions

WebCenter UI Shell – Simple, Consistent way to perform all Tasks

The screenshot displays the Oracle WebCenter UI Shell interface. The top navigation bar includes 'Recent', 'Favorites', and 'Search' tabs. The main content area is divided into several sections: 'Notifications' (left sidebar), 'Email' (left sidebar), 'Discussions' (left sidebar), 'Documents' (left sidebar), 'Home' (main content area), 'Expenses by Quarter' (chart), 'Budget by Category' (pie chart), and 'Communities' (bottom right). The 'Notifications' section shows a list of notifications with columns for Priority, Title, From, Status, Date, and Justification. The 'Email' section shows a list of emails with columns for From, To, Subject, and Date. The 'Discussions' section shows a list of discussions with columns for Title, Author, and Date. The 'Documents' section shows a list of documents with columns for Title, Author, and Date. The 'Home' section shows a table of notifications. The 'Expenses by Quarter' section shows a bar chart comparing Actual and Budget expenses for Q1, Q2, Q3, and Q4. The 'Budget by Category' section shows a pie chart of budget distribution by category. The 'Communities' section shows a list of communities with columns for Name, Description, and Date.

Recent

Favorites

Search

Notifications

Email

Discussions

Documents

Home

Expenses by Quarter

Budget by Category

Communities

Presence

Contextual Wiring

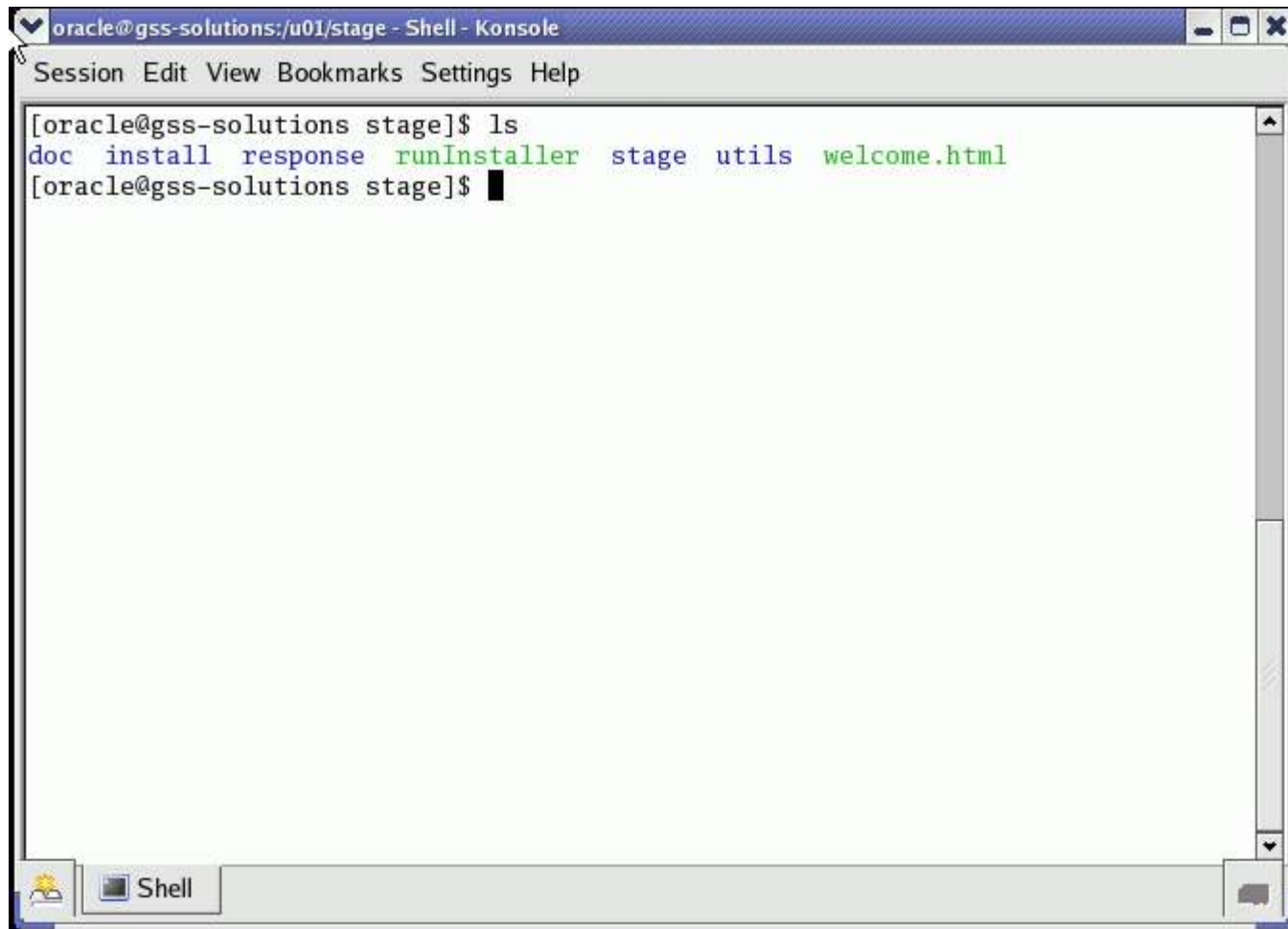
Oracle Content DB

Instalación



Screenshots

Starting runInstaller

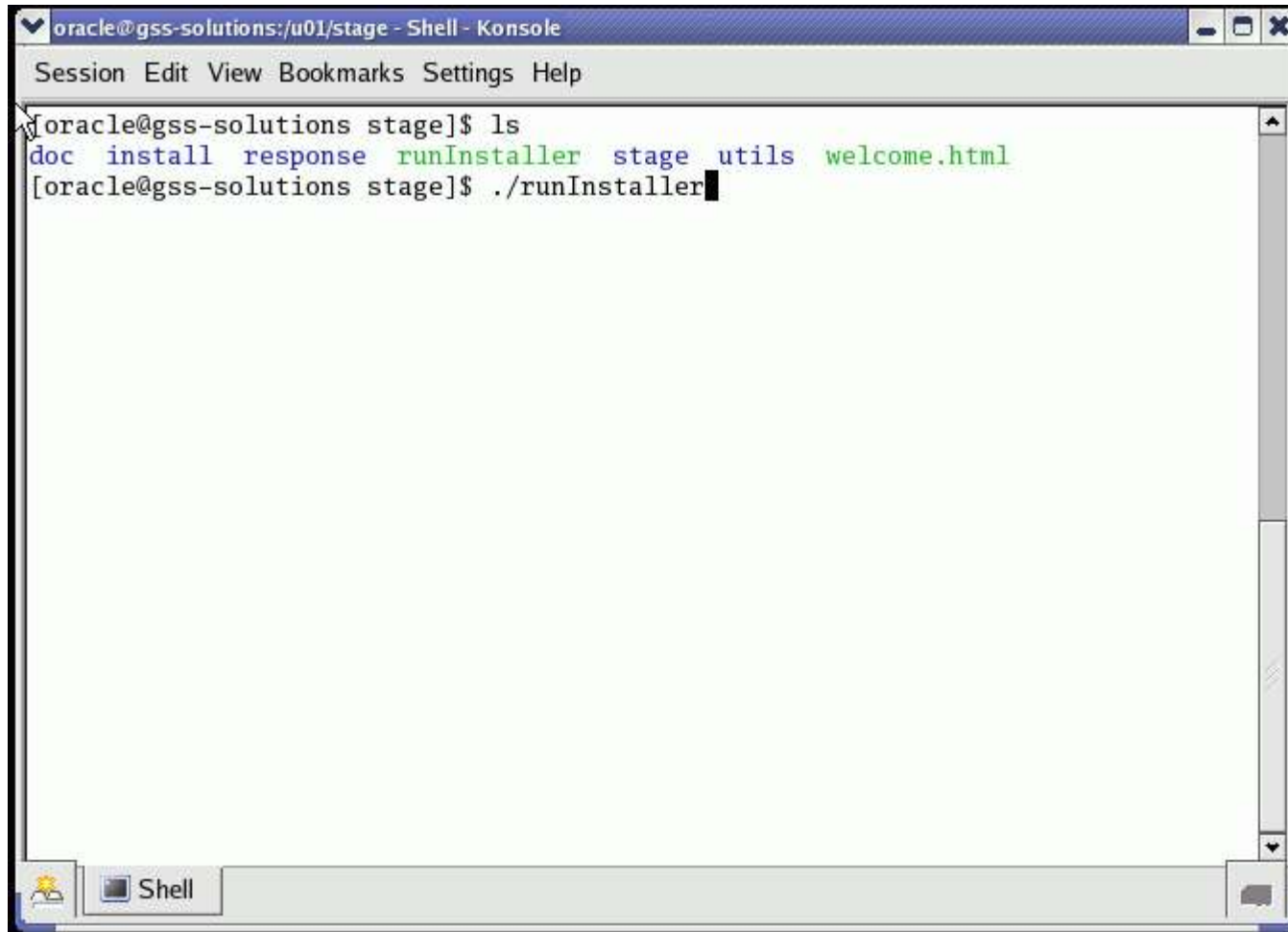


The screenshot shows a terminal window titled "oracle@gss-solutions:/u01/stage - Shell - Konsole". The window has a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal content shows the command `ls` being executed, resulting in the output: `doc install response runInstaller stage utils welcome.html`. The prompt `[oracle@gss-solutions stage]$` is visible at the end of the line. The terminal window has a standard Linux-style window frame with a title bar and window control buttons. At the bottom, there is a taskbar with a "Shell" icon and a "Sun" icon.

```
oracle@gss-solutions:/u01/stage - Shell - Konsole
Session Edit View Bookmarks Settings Help
[oracle@gss-solutions stage]$ ls
doc install response runInstaller stage utils welcome.html
[oracle@gss-solutions stage]$
```

Screenshots

Starting runInstaller

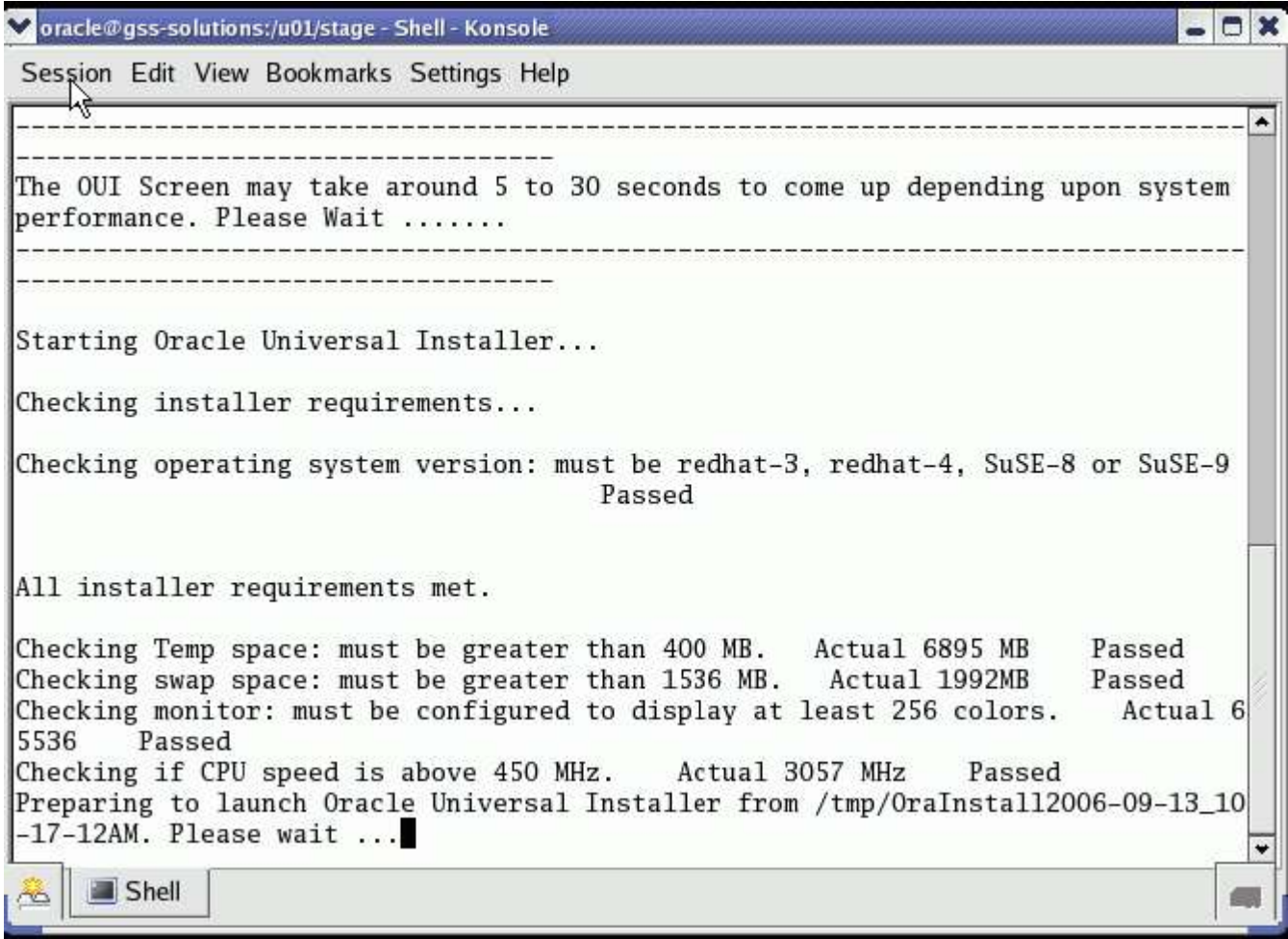


The screenshot shows a terminal window titled "oracle@gss-solutions:/u01/stage - Shell - Konsole". The window has a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal content shows the user "oracle@gss-solutions" in the "stage" directory. They first run the command "ls", which lists the following files and directories: "doc", "install", "response", "runInstaller", "stage", "utils", and "welcome.html". The file names are color-coded: "doc" is blue, "install" is blue, "response" is blue, "runInstaller" is green, "stage" is blue, "utils" is blue, and "welcome.html" is green. Then, the user runs the command "./runInstaller", and the cursor is positioned at the end of the command line, ready for the next input.

```
oracle@gss-solutions:/u01/stage - Shell - Konsole
Session Edit View Bookmarks Settings Help
oracle@gss-solutions stage]$ ls
doc install response runInstaller stage utils welcome.html
oracle@gss-solutions stage]$ ./runInstaller
```


Screenshots

runInstaller



```
oracle@gss-solutions:/u01/stage - Shell - Konsole
Session Edit View Bookmarks Settings Help

-----
The OUI Screen may take around 5 to 30 seconds to come up depending upon system
performance. Please Wait .....
-----

Starting Oracle Universal Installer...

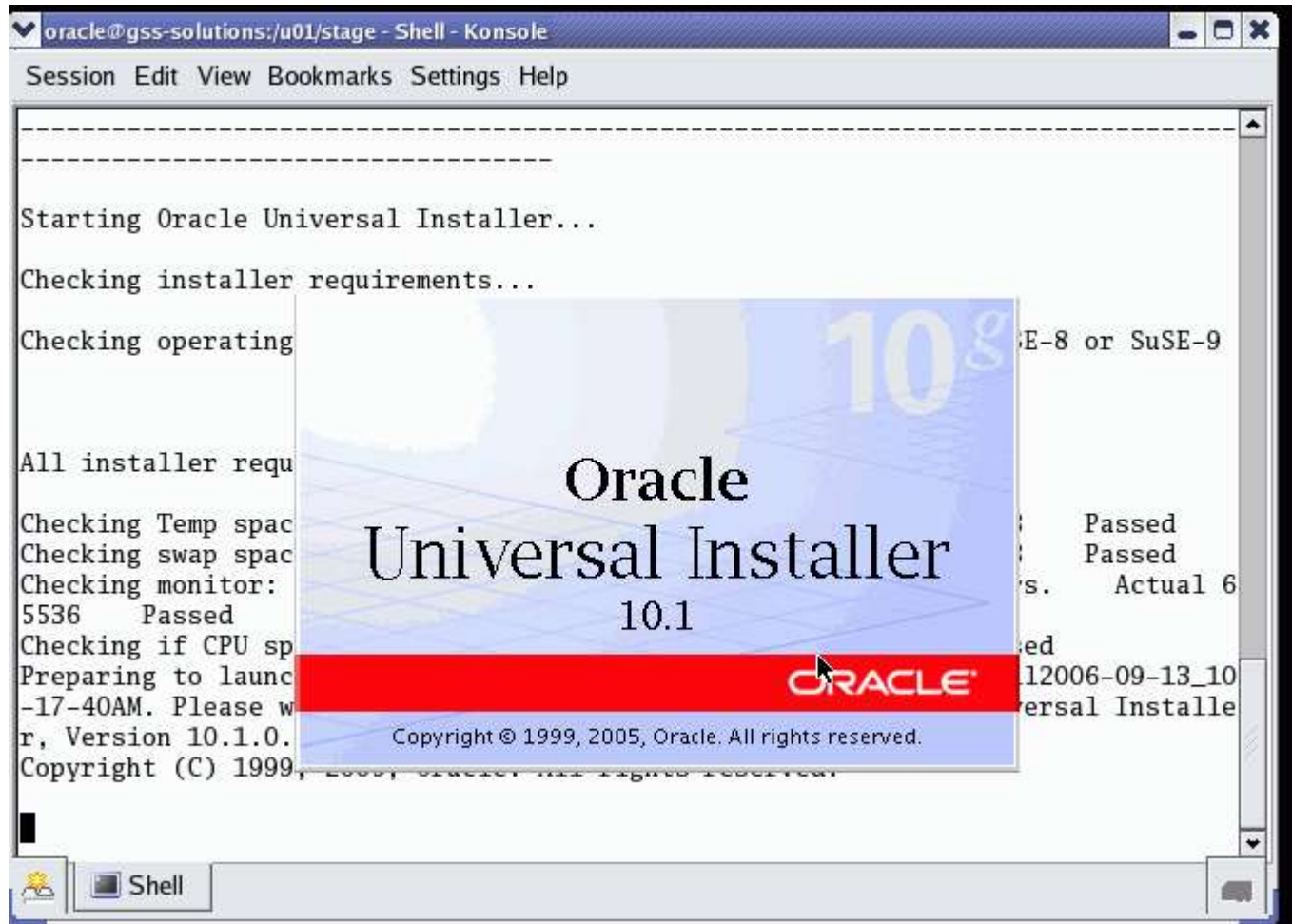
Checking installer requirements...

Checking operating system version: must be redhat-3, redhat-4, SuSE-8 or SuSE-9
                                     Passed

All installer requirements met.

Checking Temp space: must be greater than 400 MB.   Actual 6895 MB   Passed
Checking swap space: must be greater than 1536 MB.   Actual 1992MB   Passed
Checking monitor: must be configured to display at least 256 colors.   Actual 6
5536   Passed
Checking if CPU speed is above 450 MHz.   Actual 3057 MHz   Passed
Preparing to launch Oracle Universal Installer from /tmp/OraInstall2006-09-13_10
-17-12AM. Please wait ...█
```


Oracle Universal Installer



Screenshots

Oracle Universal Installer



Screenshots

Specify Location for Oracle Home

Oracle Universal Installer: Specify File Locations

Specify File Locations

Source

Enter the full path of the file representing the product(s) you want to install:

Path:

Destination

Enter or select a name for the installation and the full path where you want to install the product.

Name:

Path:

ORACLE

Screenshots

Loading Product

Loading Product Information

Loading products. Please wait.

67%

Specify File Locations

Source

Enter the full path of the file representing the product(s) you want to install:

Path: Browse...

Destination

Enter or select a name for the installation and the full path where you want to install the product.

Name:

Path: Browse...

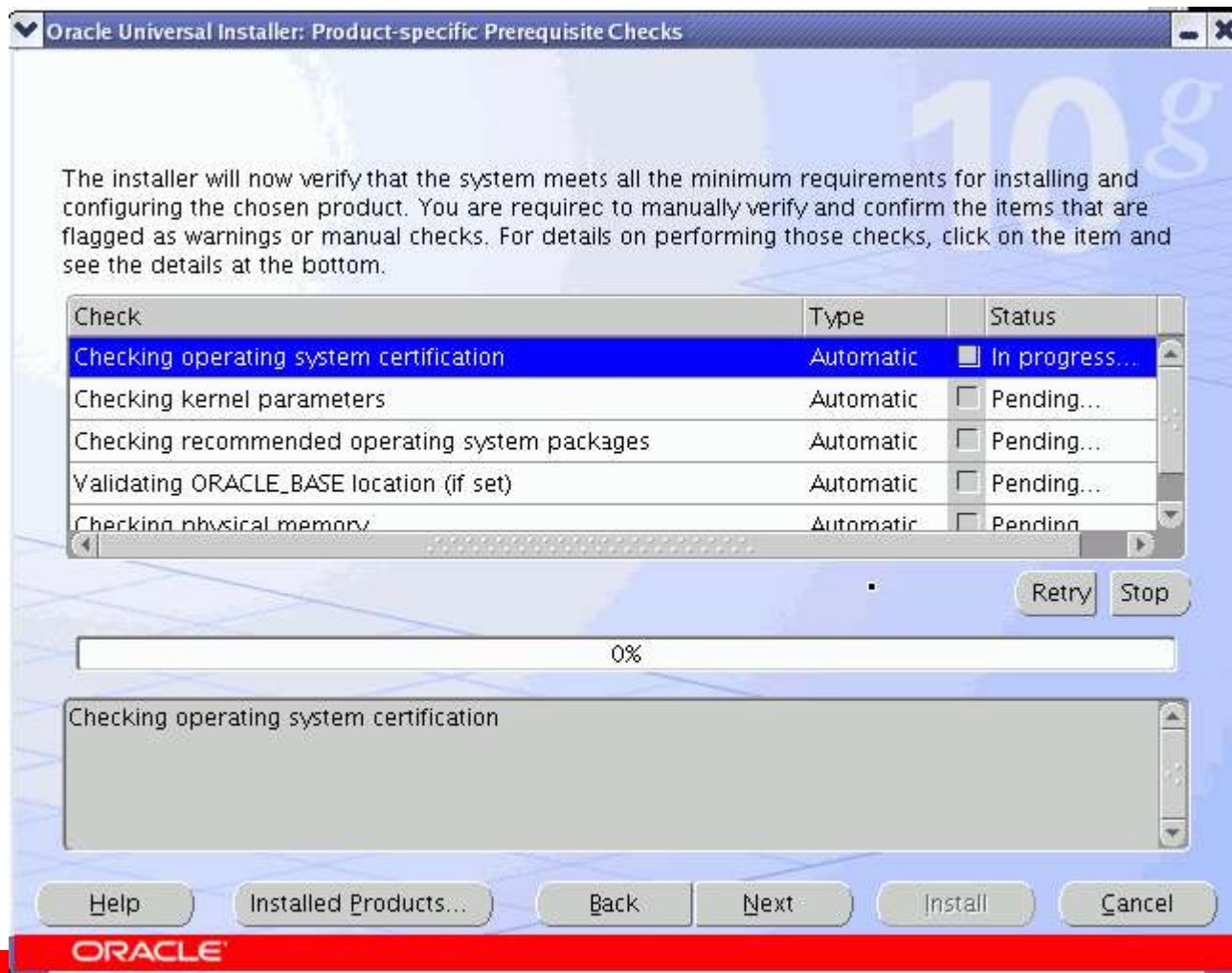
About Oracle Universal Installer...

Help Installed Products... Back **Next** Install Cancel

ORACLE

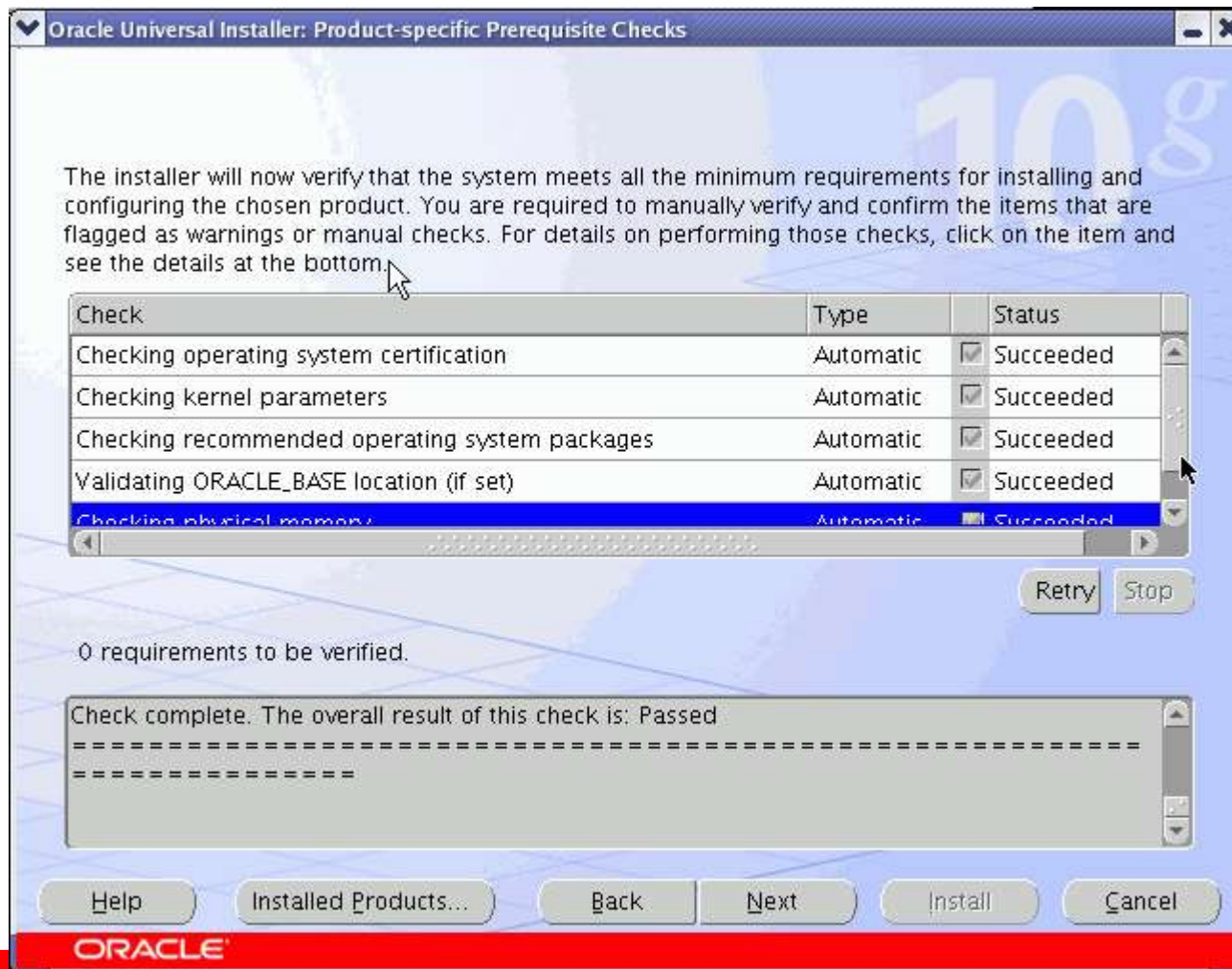
Screenshots

Verifying System Parameters



Screenshots

Verifying System Parameters



Screenshots

Language Selection



Screenshots

Specify OID

Oracle Universal Installer: Register with Oracle Internet Directory

Register with Oracle Internet Directory

To register this instance of Oracle Content DB with an existing Oracle Internet Directory, enter the hostname and port where Oracle Internet Directory is located.

Host:

Port:

☐ Use SSL to connect to Oracle Internet Directory

Help Installed Products... Back Next Install Cancel

ORACLE

Screenshots

Specify OID Login

Oracle Universal Installer: Specify OID Login

Specify OID Login

Enter a username and password to log on to the Oracle Internet Directory hostname and port gss-demo.us.oracle.com:389. You need to be the Oracle Internet Directory Superuser or a Single Sign-On user. Use cn=orcladmin as the username if you are the Oracle Internet Directory Superuser. Use your Single Sign-on username if you are a Single Sign-On user with the appropriate install privileges.

Username:

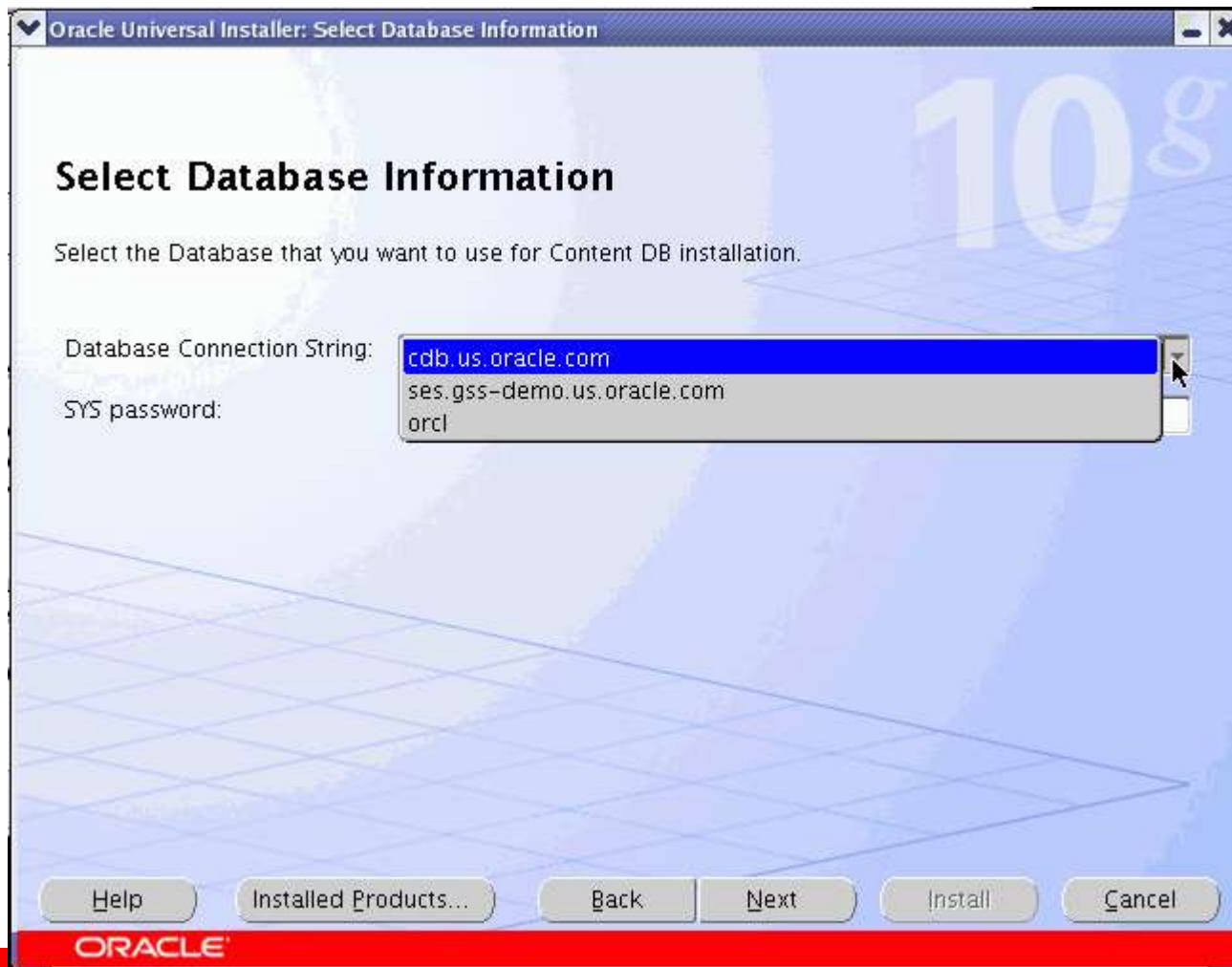
Password:

Help Installed Products... Back Next Install Cancel

ORACLE

Screenshots

Select Database



Screenshots

Enter SYS password

Oracle Universal Installer: Select Database Information

Select Database Information

Select the Database that you want to use for Content DB installation.

Database Connection String:

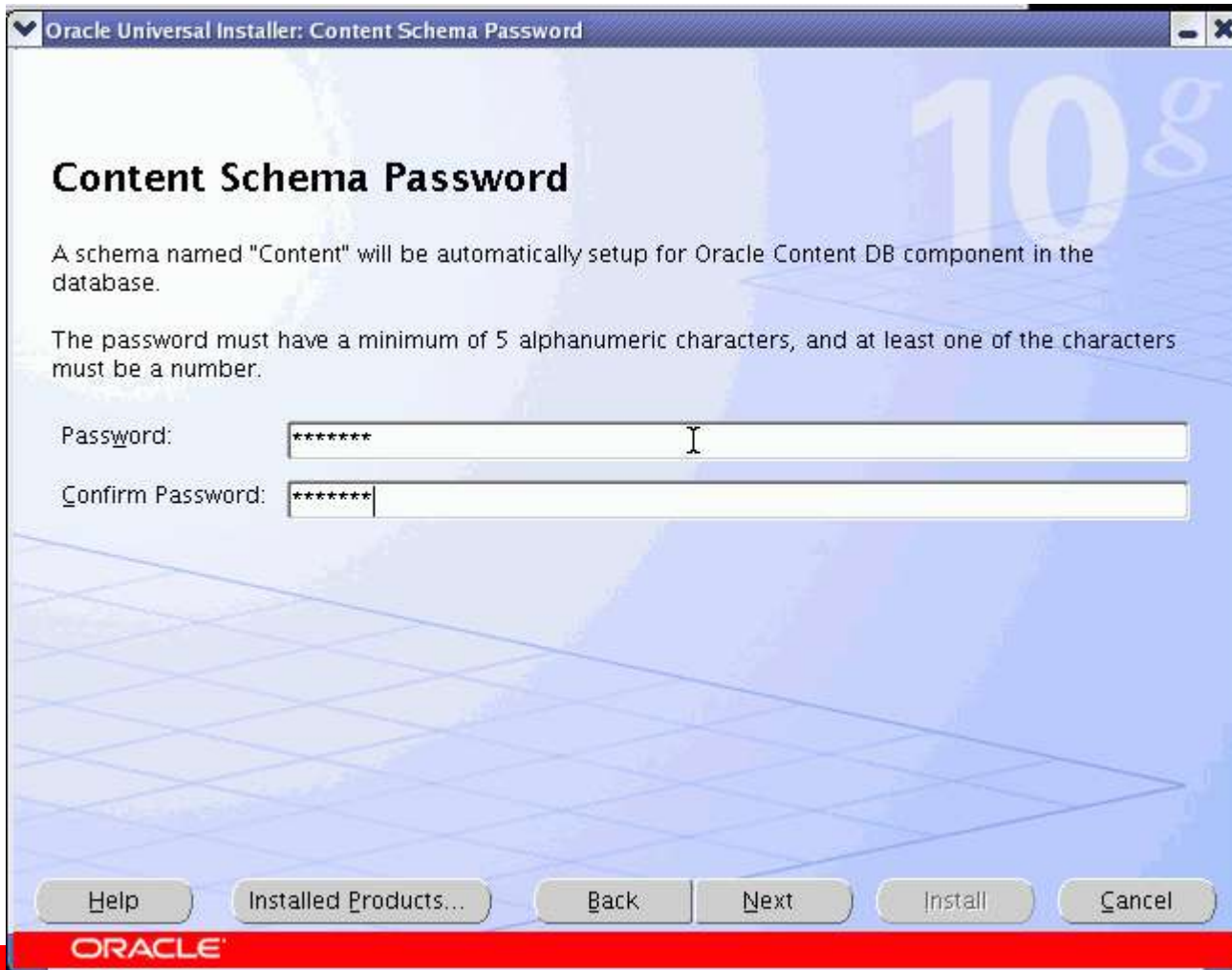
SYS password:

Help Installed Products... Back Next Install Cancel

ORACLE

Screenshots

Specify Content Schema Password



The screenshot shows a window titled "Oracle Universal Installer: Content Schema Password". The window has a blue background with a large "10g" logo. The main heading is "Content Schema Password". Below the heading, there is a paragraph: "A schema named 'Content' will be automatically setup for Oracle Content DB component in the database." Another paragraph follows: "The password must have a minimum of 5 alphanumeric characters, and at least one of the characters must be a number." There are two input fields: "Password:" and "Confirm Password:". Both fields have a text box with "*****" and a cursor. At the bottom, there are five buttons: "Help", "Installed Products...", "Back", "Next", and "Install". A red bar at the bottom of the window contains the "ORACLE" logo.

Oracle Universal Installer: Content Schema Password

Content Schema Password

A schema named "Content" will be automatically setup for Oracle Content DB component in the database.

The password must have a minimum of 5 alphanumeric characters, and at least one of the characters must be a number.

Password:

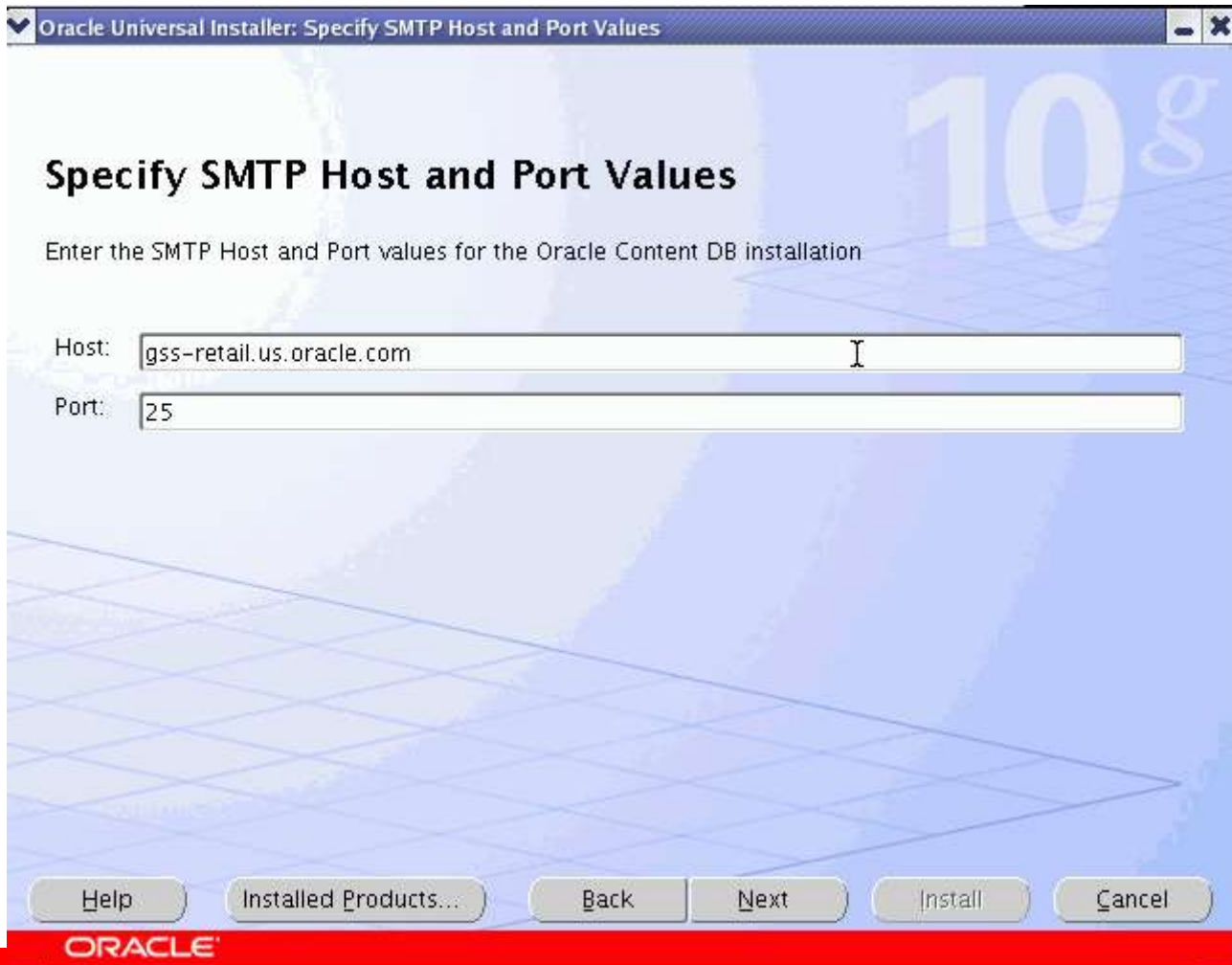
Confirm Password:

Help Installed Products... Back Next Install Cancel

ORACLE

Screenshots

Specify SMTP Server



The screenshot shows a window titled "Oracle Universal Installer: Specify SMTP Host and Port Values". The window has a blue background with a large "10g" logo. The main heading is "Specify SMTP Host and Port Values". Below the heading, it says "Enter the SMTP Host and Port values for the Oracle Content DB installation". There are two input fields: "Host:" with the value "gss-retail.us.oracle.com" and "Port:" with the value "25". At the bottom, there are buttons for "Help", "Installed Products...", "Back", "Next", "Install", and "Cancel". The Oracle logo is visible at the bottom left of the window.

Oracle Universal Installer: Specify SMTP Host and Port Values

Specify SMTP Host and Port Values

Enter the SMTP Host and Port values for the Oracle Content DB installation

Host:

Port:

Help Installed Products... Back Next Install Cancel

ORACLE

Screenshots

Specify AS Instance Name and PW



Specify Instance Name and ias_admin Password

All Oracle Application Server 10g instances installed on a host must have unique names. The hostname and domain name of the host are appended to the instance name.

Each Oracle Application Server 10g instance has its own password, regardless of which user performed the installation. Passwords are not shared across instances, even if the instances were installed by the same user.

The password must have a minimum of 5 alphanumeric characters, maximum 30 characters, and at least one of the characters must be a number.

Administrator Username: ias_admin

Instance Name:

ias_admin Password:

Confirm Password:

ORACLE

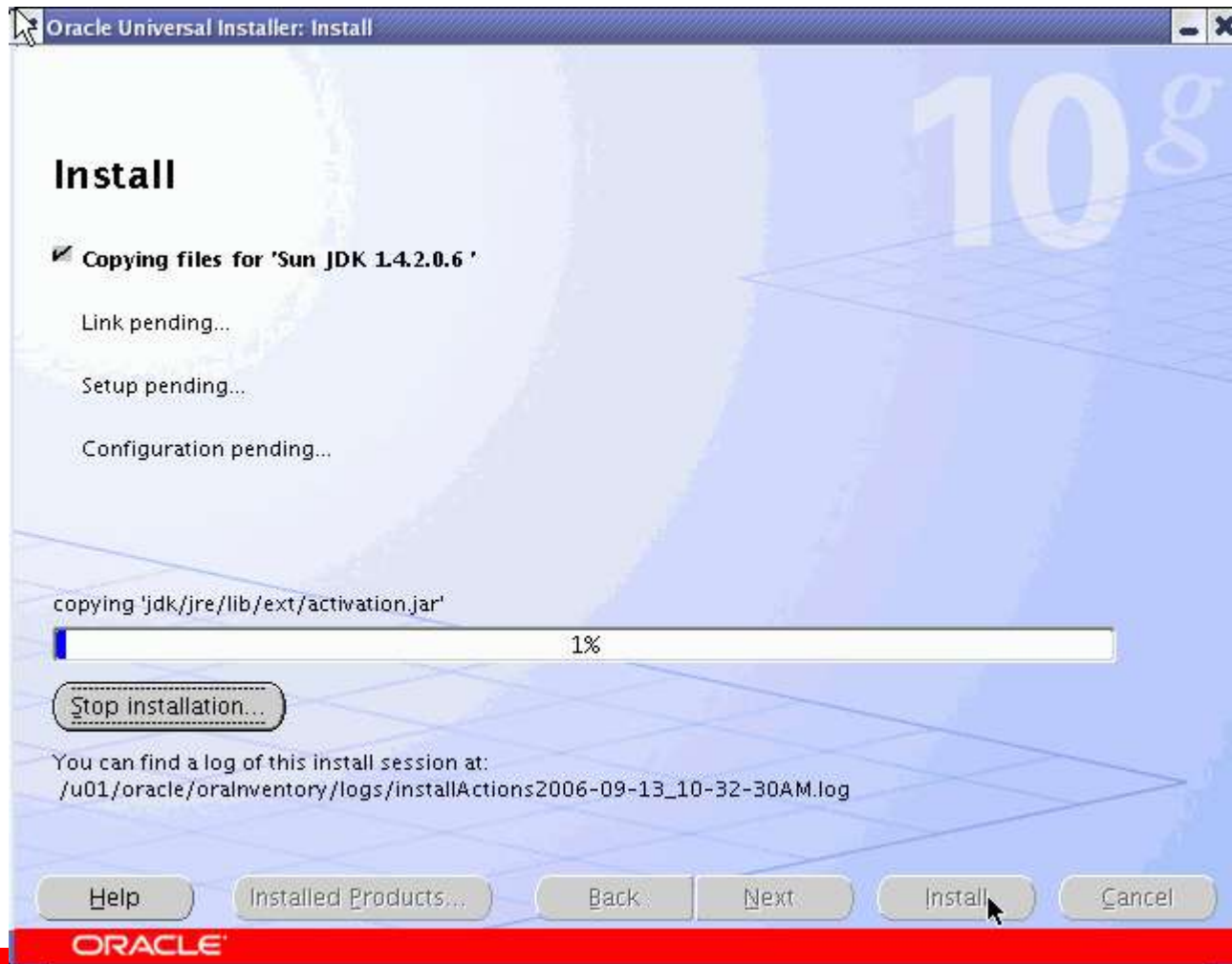
Screenshots

The interview session is over...



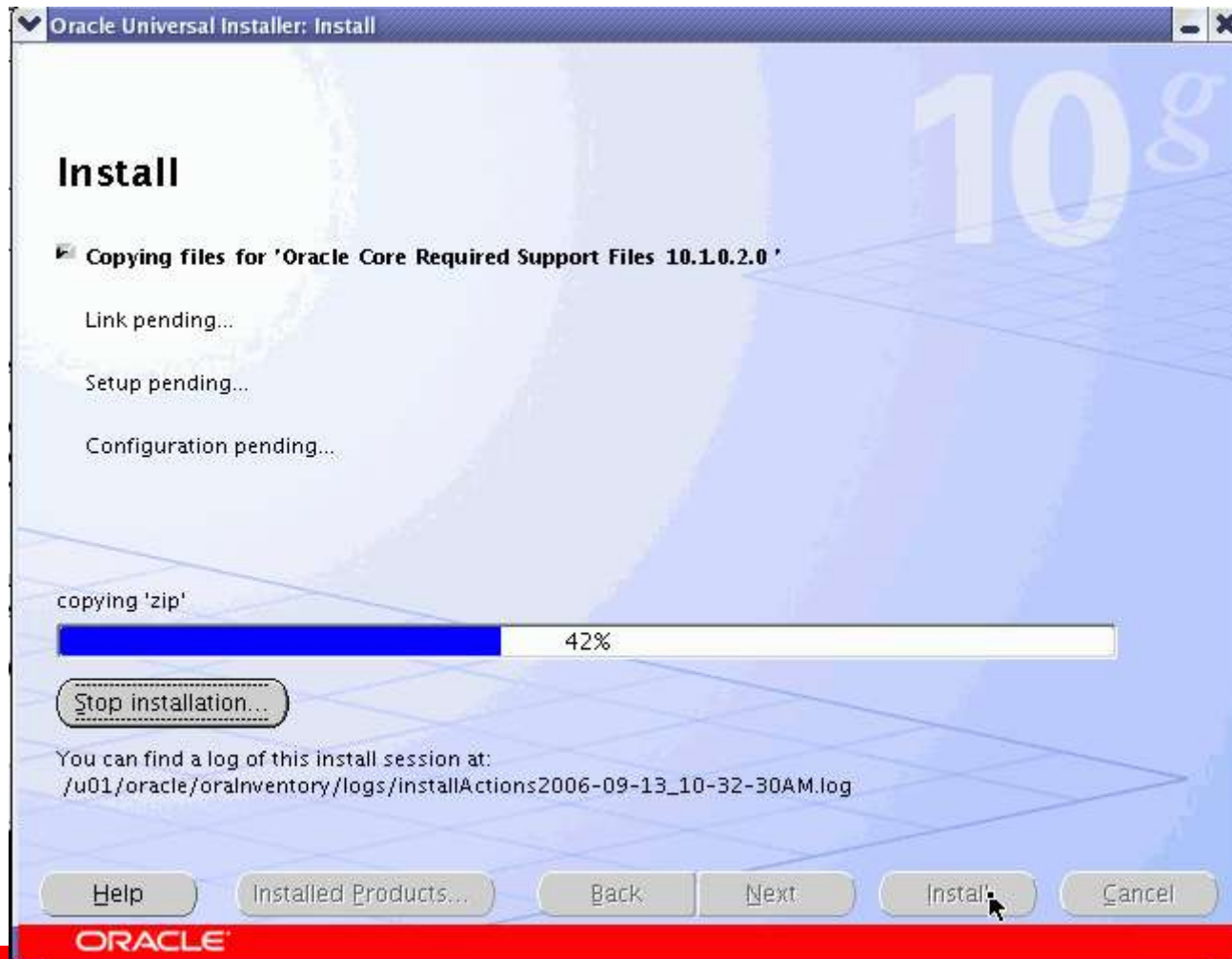
Screenshots

Installation begins



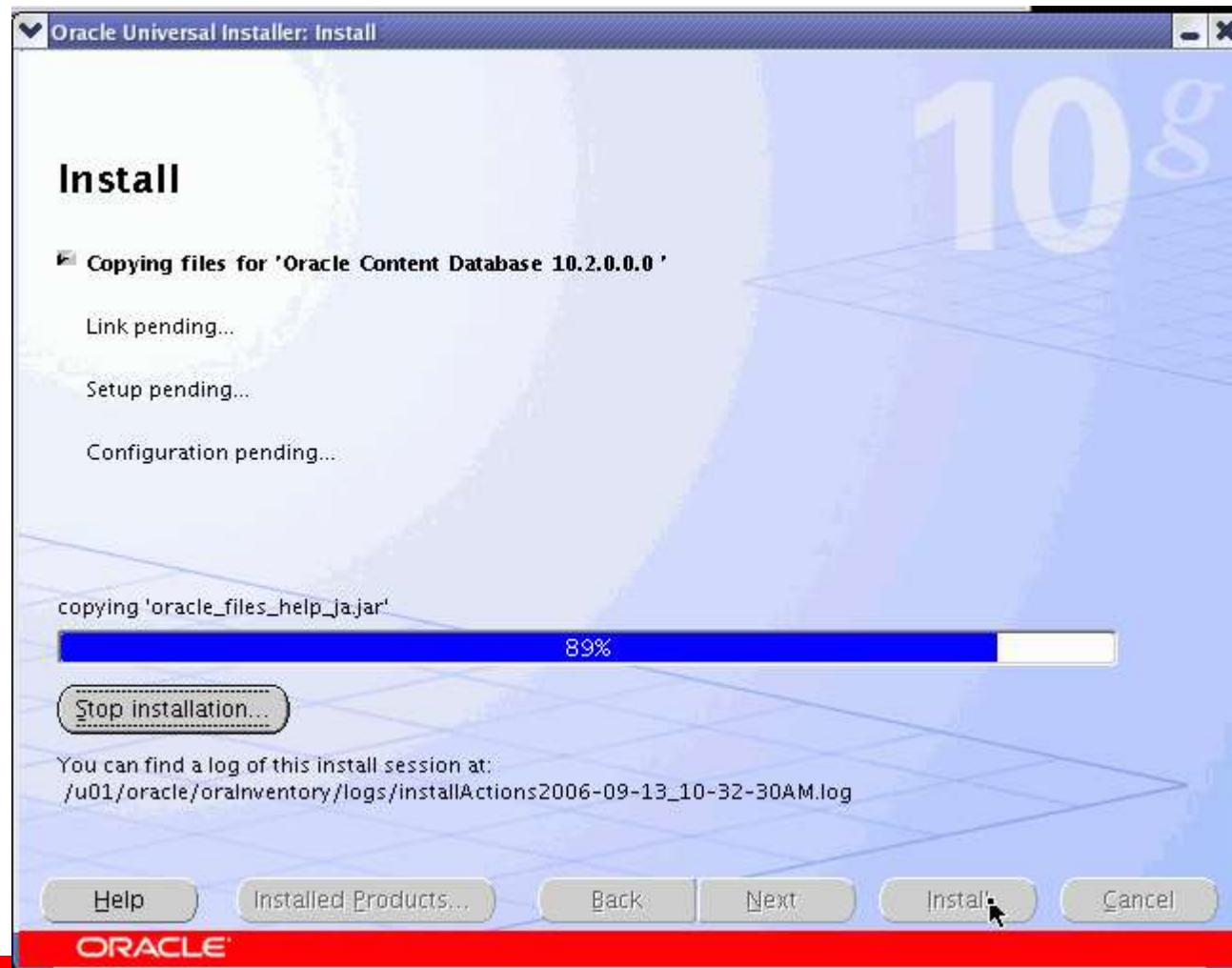
Screenshots

Installation continues



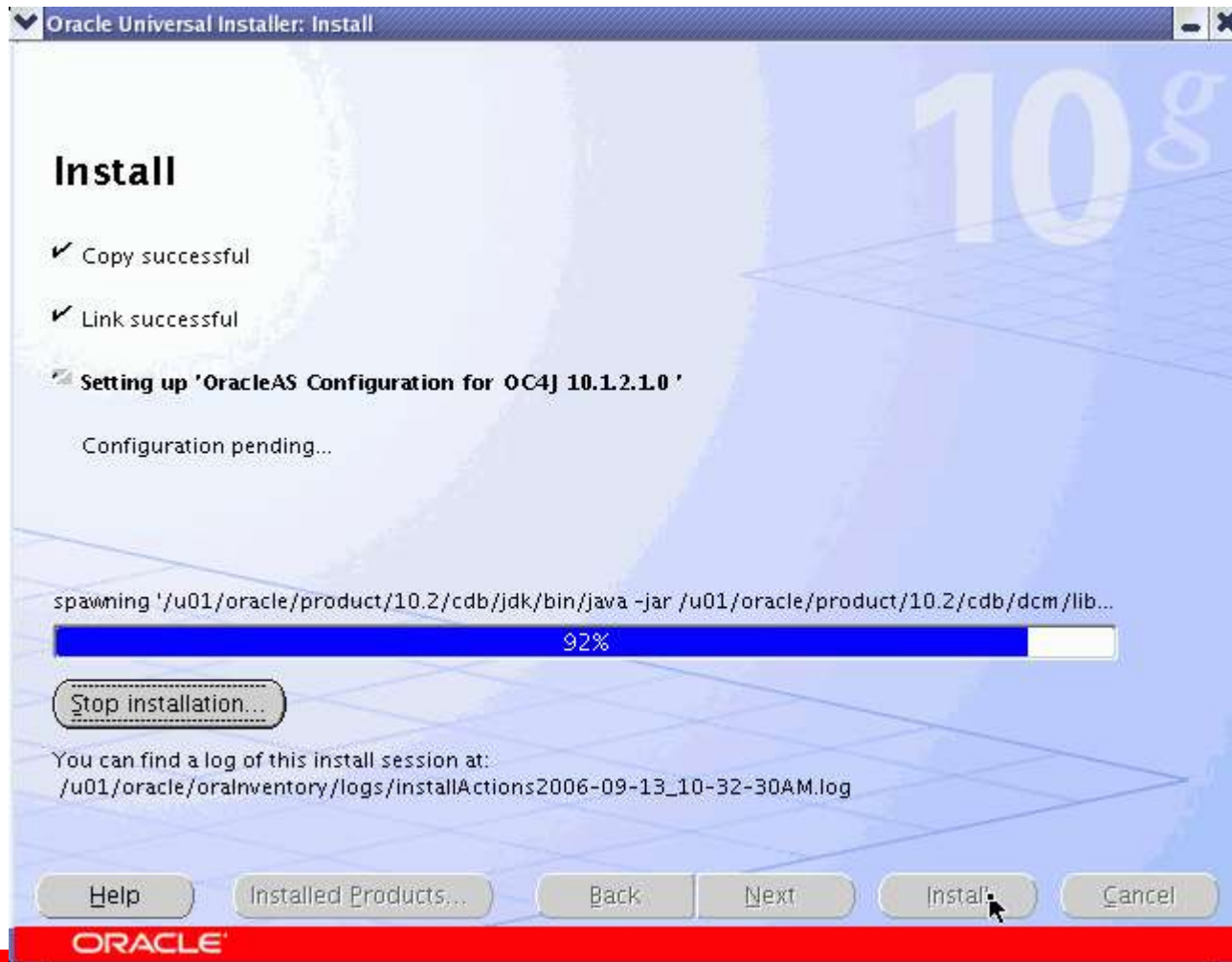
Screenshots

Installation continues



Screenshots

Installation nears completion



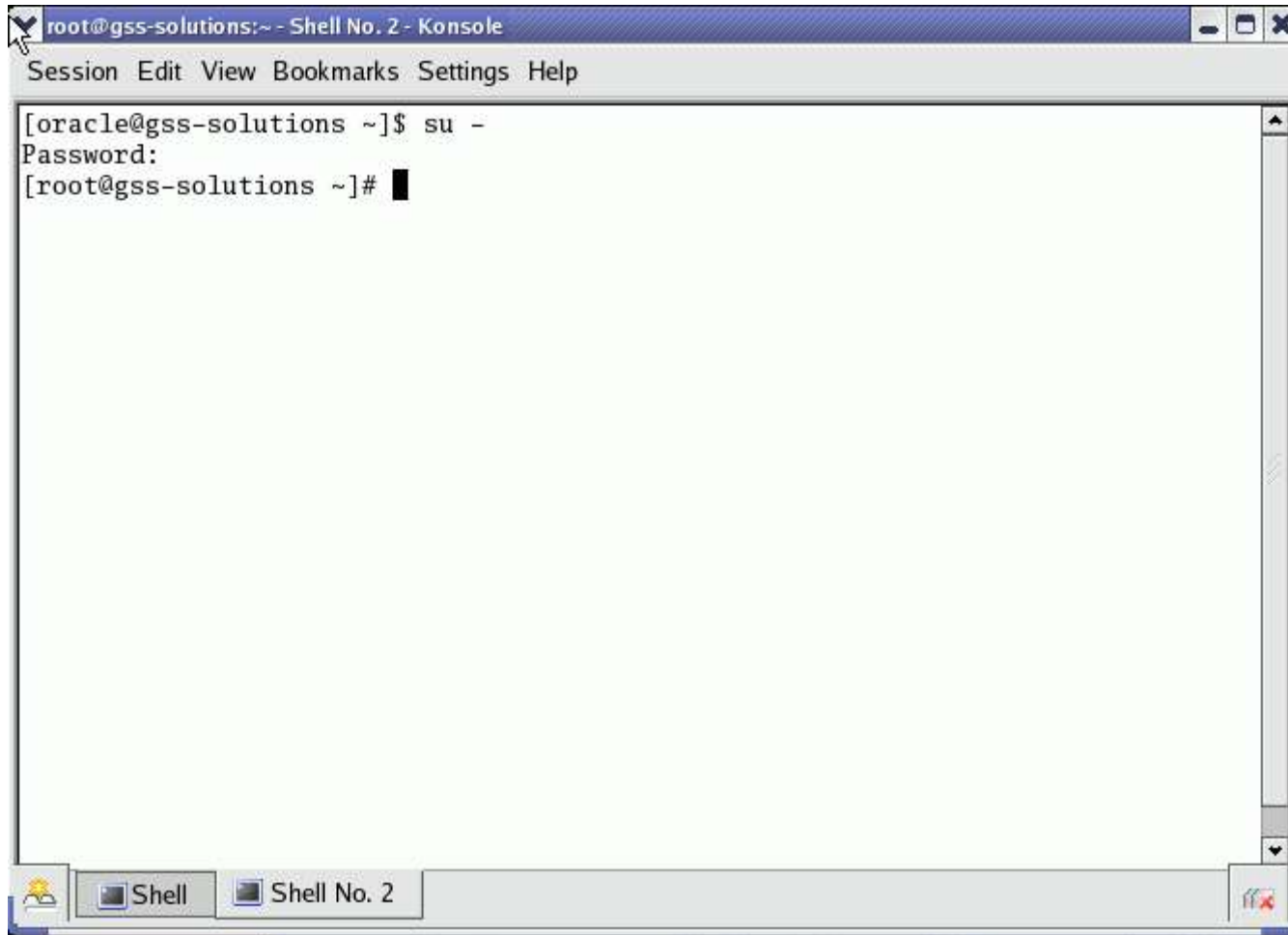
Screenshots

Now we need to run root.sh



Screenshots

root.sh – su to root



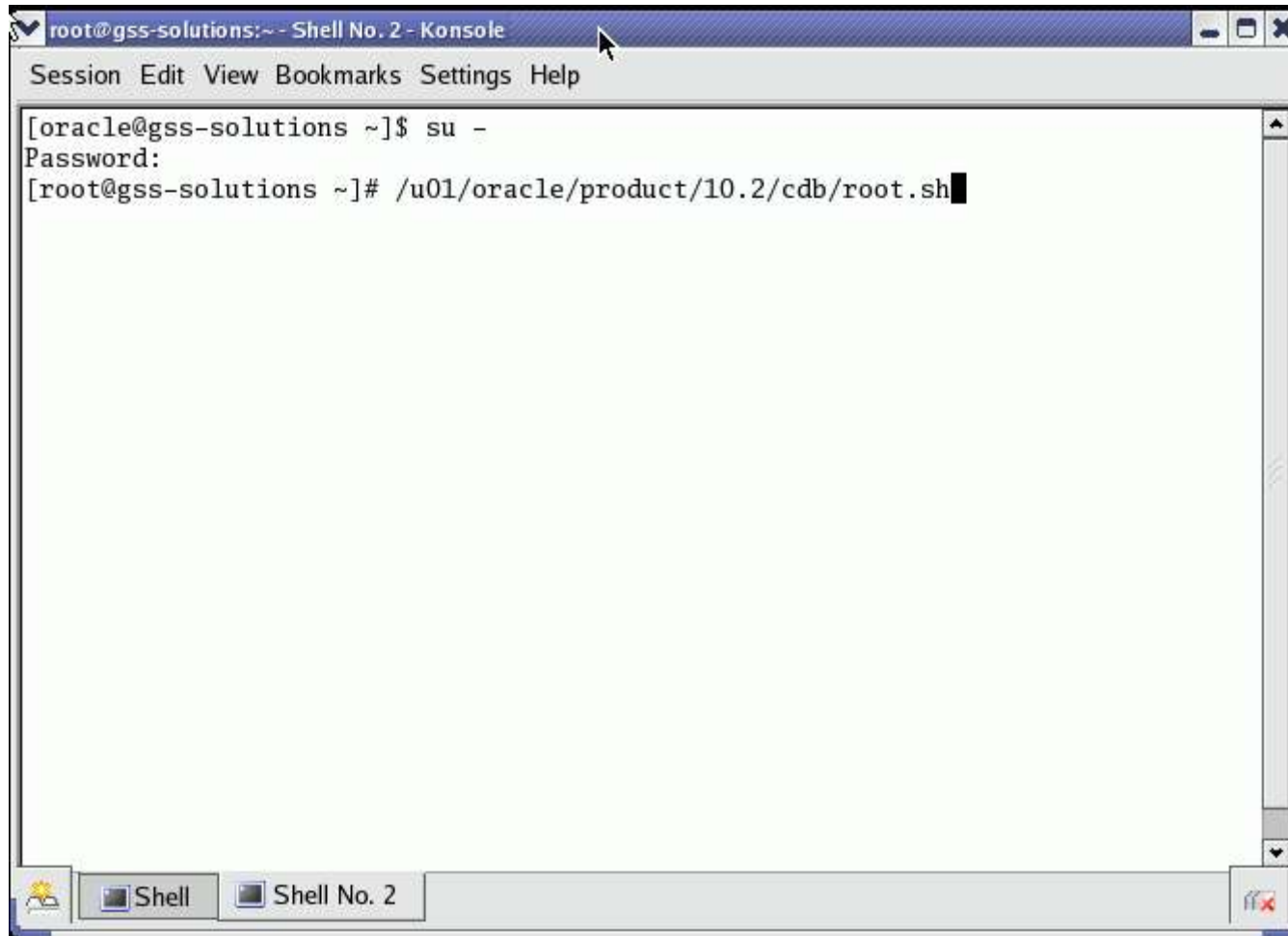
The screenshot shows a terminal window titled "root@gss-solutions:~ - Shell No. 2 - Konsole". The window has a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal content shows the user "oracle@gss-solutions ~" entering the command "su -". The prompt changes to "Password:", and after an invisible password entry, the prompt changes to "[root@gss-solutions ~]#". The terminal window has a taskbar at the bottom with icons for "Shell" and "Shell No. 2".

```
root@gss-solutions:~ - Shell No. 2 - Konsole
Session Edit View Bookmarks Settings Help

[oracle@gss-solutions ~]$ su -
Password:
[root@gss-solutions ~]#
```

Screenshots

Invoke root.sh



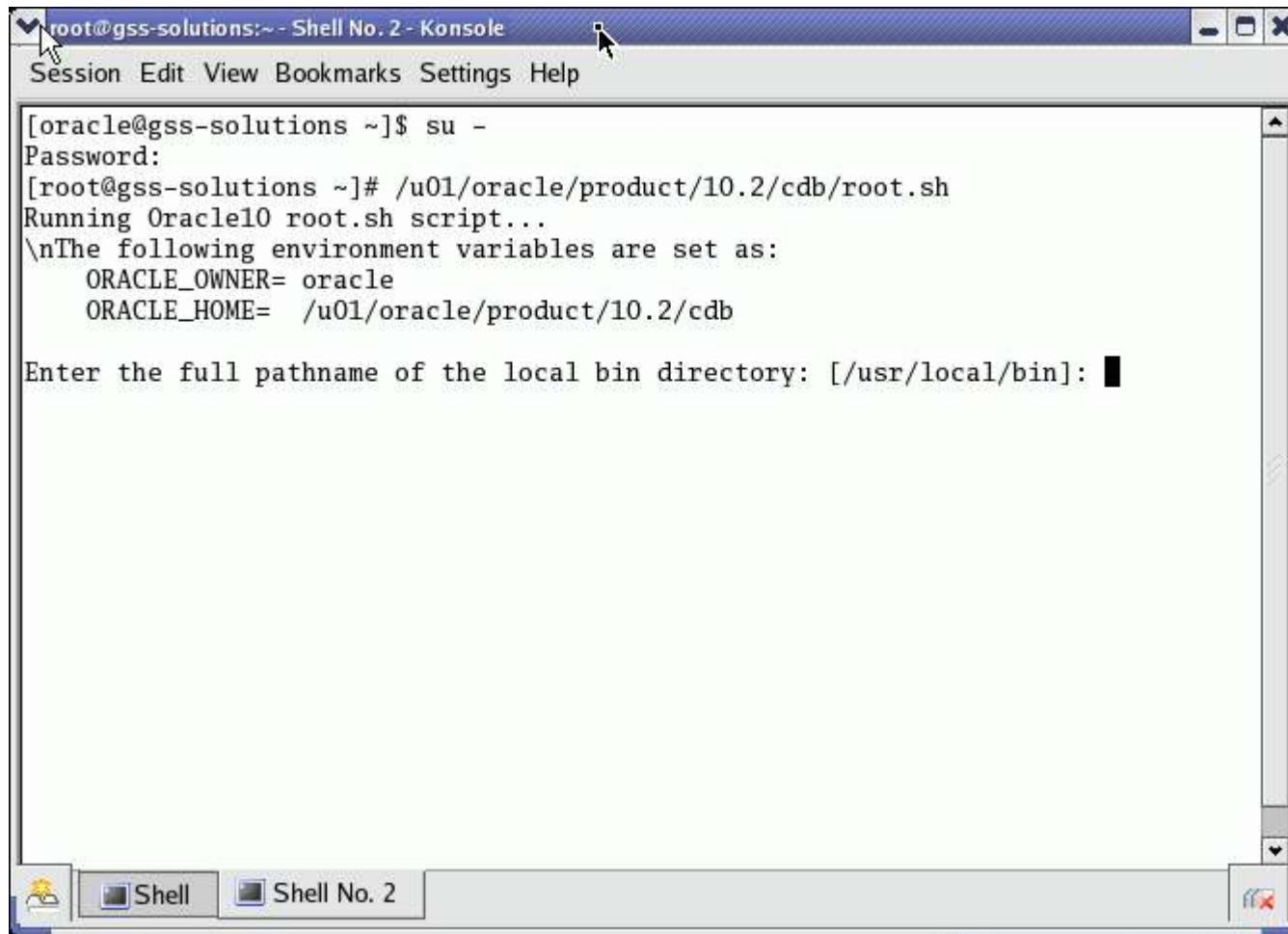
The screenshot shows a terminal window titled "root@gss-solutions:~ - Shell No. 2 - Konsole". The window has a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal content shows the user "oracle@gss-solutions ~" running the command "su -". After a "Password:" prompt, the prompt changes to "[root@gss-solutions ~]#". The user then runs the command "/u01/oracle/product/10.2/cdb/root.sh", and the cursor is positioned at the end of the command line. The terminal window has a taskbar at the bottom with icons for "Shell" and "Shell No. 2".

```
root@gss-solutions:~ - Shell No. 2 - Konsole
Session Edit View Bookmarks Settings Help

[oracle@gss-solutions ~]$ su -
Password:
[root@gss-solutions ~]# /u01/oracle/product/10.2/cdb/root.sh
```

Screenshots

root.sh



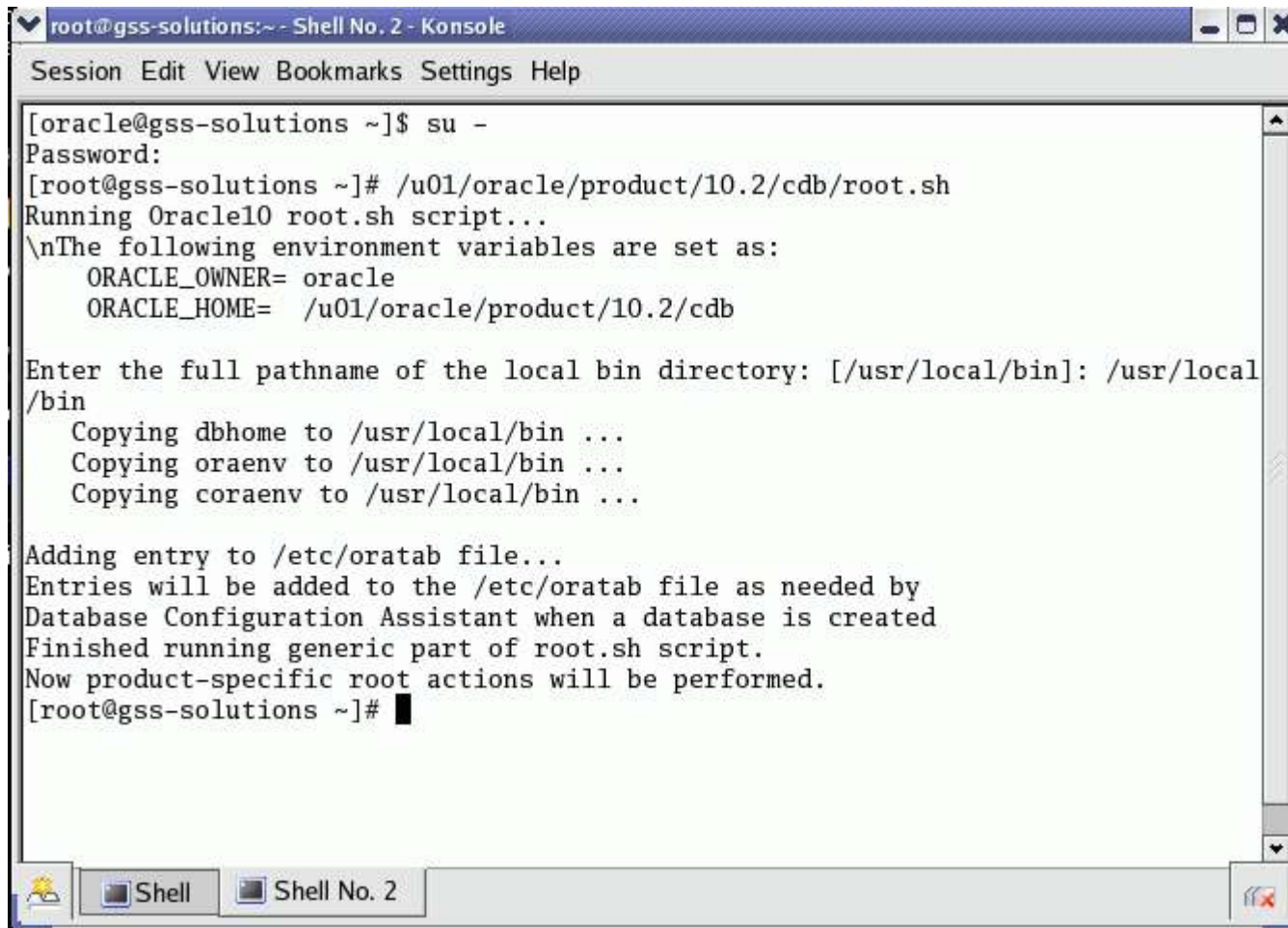
The screenshot shows a terminal window titled "root@gss-solutions:~ - Shell No. 2 - Konsole". The window has a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". The terminal content shows the following sequence of commands and output:

```
[oracle@gss-solutions ~]$ su -  
Password:  
[root@gss-solutions ~]# /u01/oracle/product/10.2/cdb/root.sh  
Running Oracle10 root.sh script...  
\nThe following environment variables are set as:  
    ORACLE_OWNER= oracle  
    ORACLE_HOME=  /u01/oracle/product/10.2/cdb  
  
Enter the full pathname of the local bin directory: [/usr/local/bin]:
```

The terminal window has a taskbar at the bottom with icons for "Shell" and "Shell No. 2".

Screenshots

root.sh is finished



```
root@gss-solutions:~ - Shell No. 2 - Konsole
Session Edit View Bookmarks Settings Help

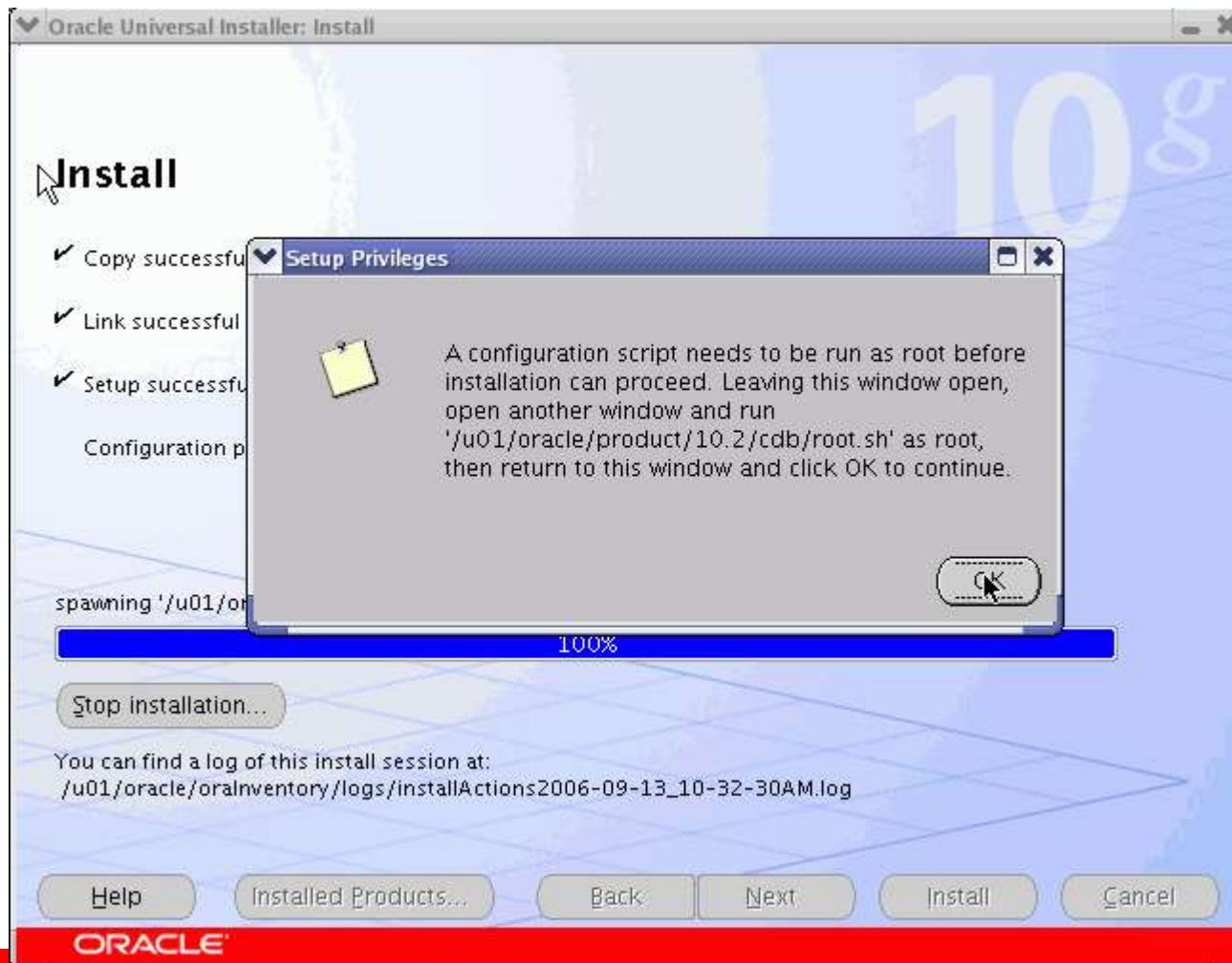
[oracle@gss-solutions ~]$ su -
Password:
[root@gss-solutions ~]# /u01/oracle/product/10.2/cdb/root.sh
Running Oracle10 root.sh script...
\nThe following environment variables are set as:
    ORACLE_OWNER= oracle
    ORACLE_HOME=  /u01/oracle/product/10.2/cdb

Enter the full pathname of the local bin directory: [/usr/local/bin]: /usr/local
/bin
    Copying dbhome to /usr/local/bin ...
    Copying oraenv to /usr/local/bin ...
    Copying coraenv to /usr/local/bin ...

Adding entry to /etc/oratab file...
Entries will be added to the /etc/oratab file as needed by
Database Configuration Assistant when a database is created
Finished running generic part of root.sh script.
Now product-specific root actions will be performed.
[root@gss-solutions ~]#
```

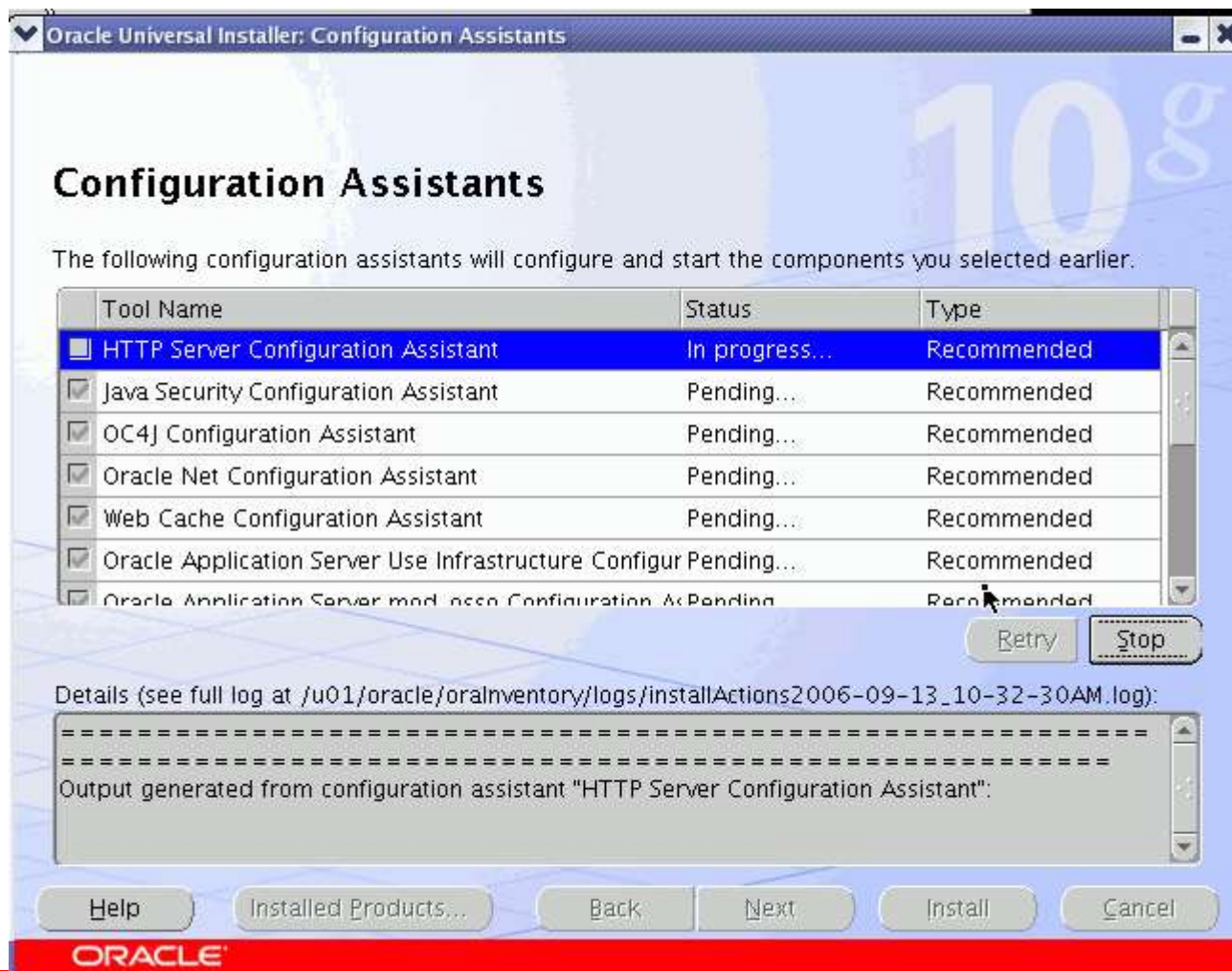
Screenshots

Return to Install



Screenshots

Configuration Assistants begin to run



Screenshots

Configuration Assistants continue



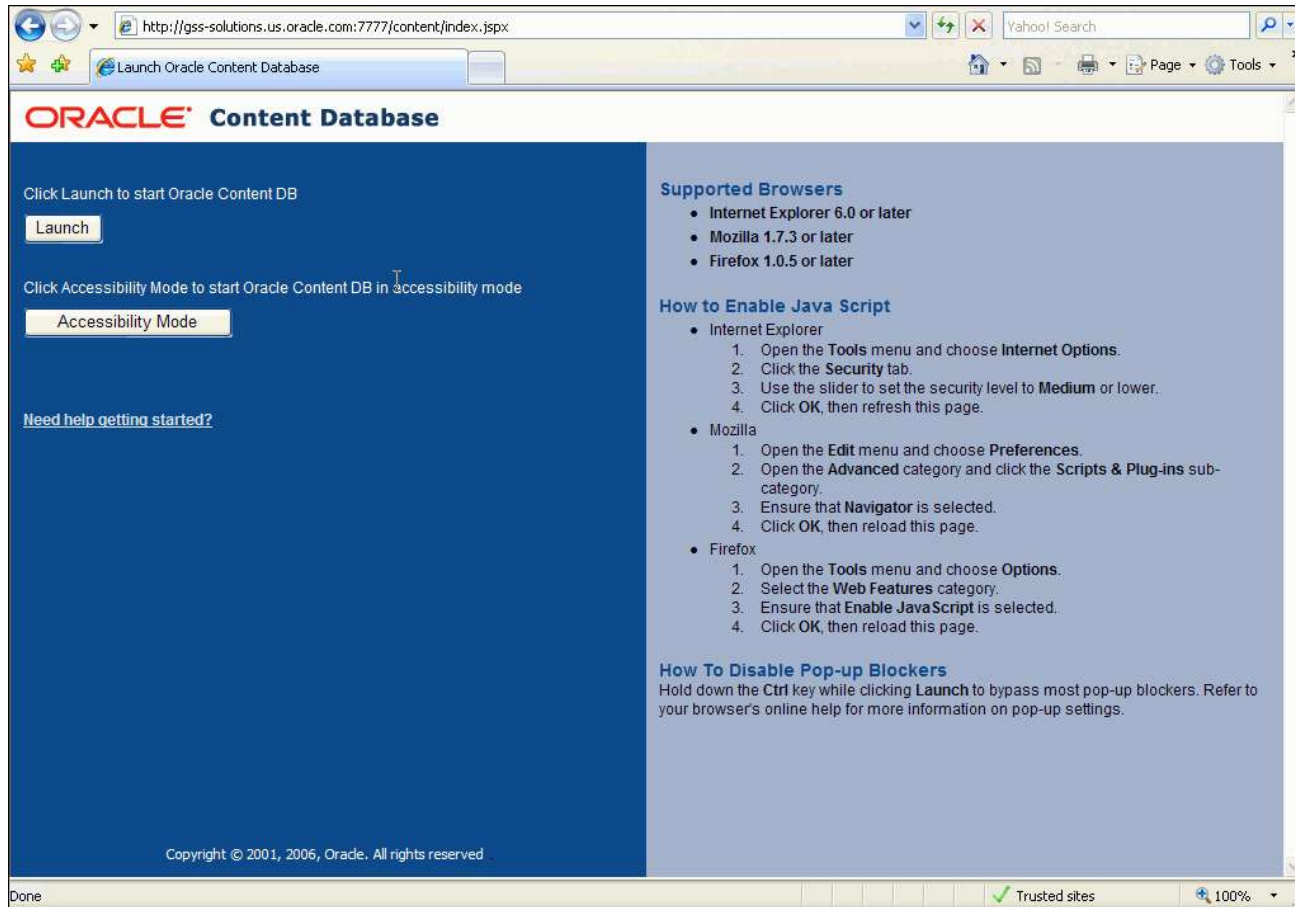
Screenshots

Installation complete



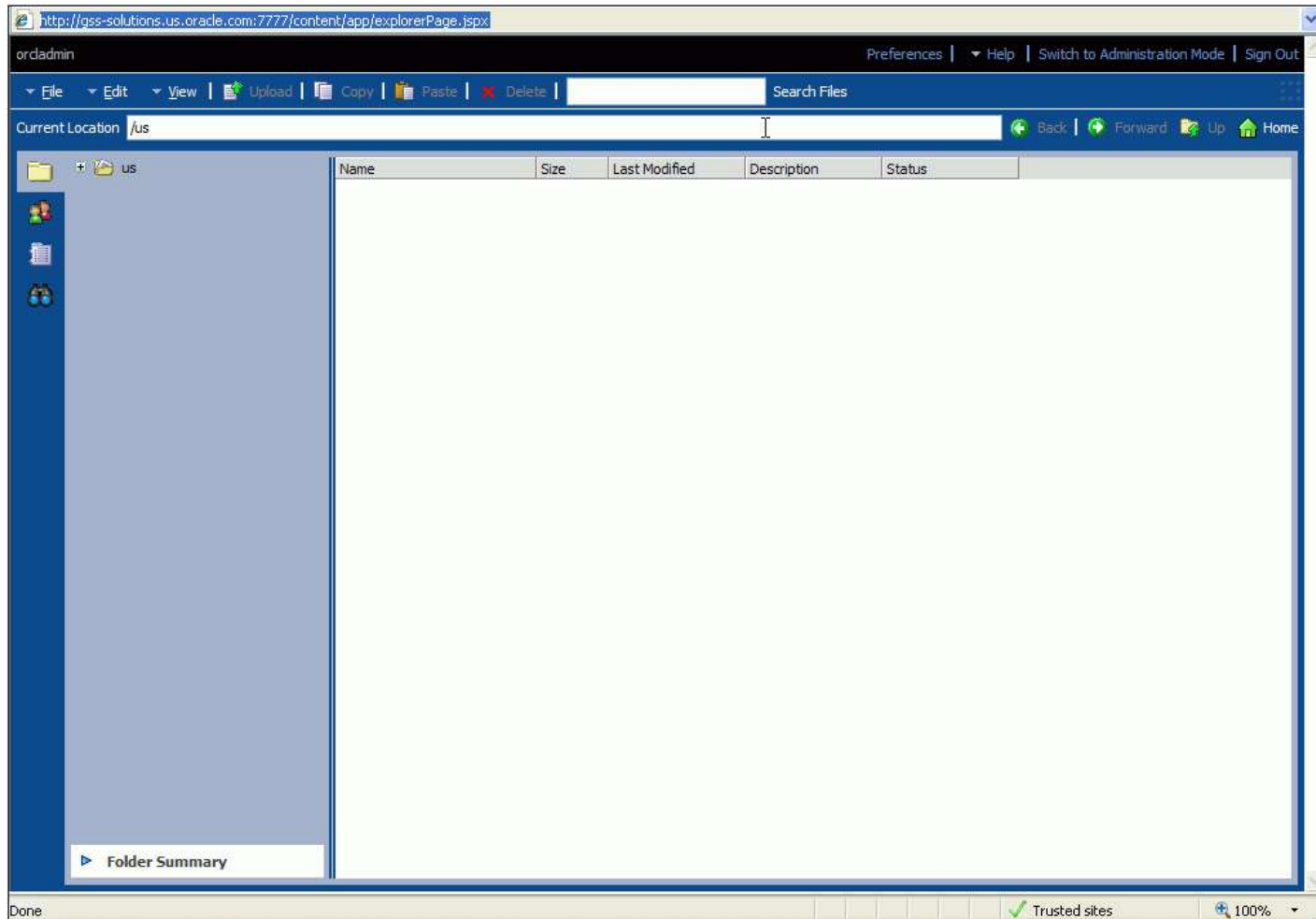
Screenshots

Content DB



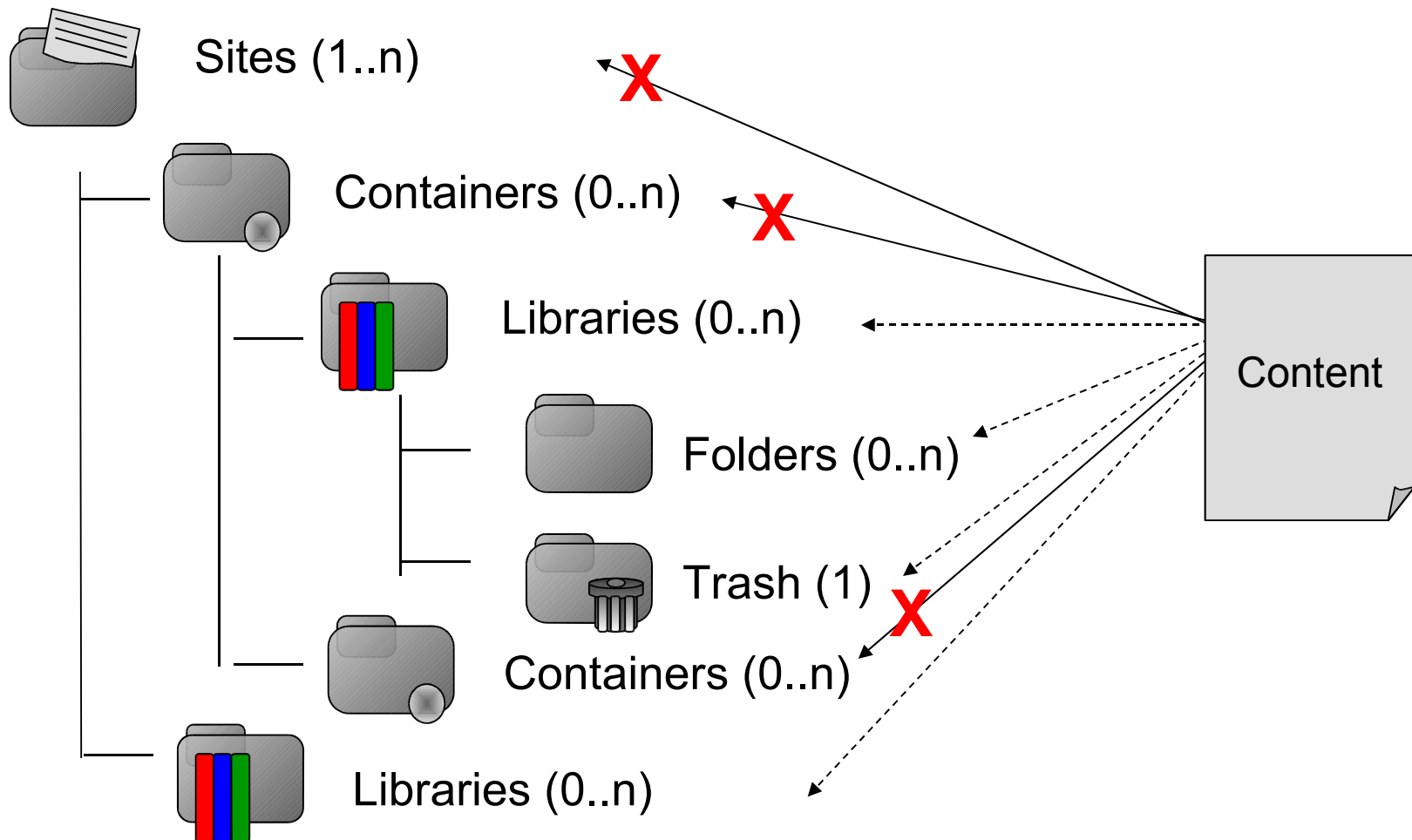
Screenshots

Content DB



Organizational Hierarchies

Object Relationships



System Administration

Administrative Examples – Enterprise Manager

ORACLE Enterprise Manager 10g
Application Server Control

Logs Topology Preferences Help

Application Server: cdb_10_2_0.contentdb.us.oracle.com

Home J2EE Applications Ports Infrastructure Backup/Recovery

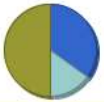
Page Refreshed Sep 18, 2006 8:37:27 PM

General

Status **Up** [Stop All](#) [Restart All](#)

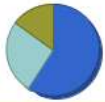
Host: contentdb.us.oracle.com
Version: 10.1.2.0.2
Installation Type: J2EE and Web Cache
Oracle Home: /home/oracle/product/10.2.0/cdb_1

CPU Usage



■ Application Server (35%)
■ Idle (15%)
■ Other (50%)

Memory Usage



■ Application Server (59% 900MB)
■ Free (26% 405MB)
■ Other (15% 226MB)

System Components

[Start](#) [Stop](#) [Restart](#) [Delete OC4J Instance](#) [Enable/Disable Components](#) [Create OC4J Instance](#)

Select All | Select None

Select Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
☐ BPEL Process Manager	↑	Not Yet Available	Not Yet Available	Not Yet Available
☐ Content	↑	Sep 14, 2006 11:49:24 AM	1.72	114.39
☐ home	↑	Sep 14, 2006 11:49:25 AM	0.95	37.19
☐ HTTP_Server	↑	Sep 14, 2006 11:49:25 AM	10.58	147.14
☐ OC4J_BPEL	↑	Sep 14, 2006 11:49:27 AM	15.09	315.48
☐ OC4J_Content	↑	Sep 14, 2006 11:49:25 AM	1.20	117.37
☐ Web Cache	↑	Sep 14, 2006 11:49:24 AM	0.90	27.97
☐ Management	↑	Sep 14, 2006 11:57:42 AM	4.16	140.45

TIP This table contains only the enabled components of the application server. Only components that have the checkbox enabled can be started or stopped.

Related Links

- [Process Management](#)
- [All Metrics](#)

Home J2EE Applications Ports Infrastructure Backup/Recovery

Logs | Topology | Preferences | Help

Copyright © 1996, 2005, Oracle. All rights reserved.
About Oracle Enterprise Manager 10g Application Server Control

System Administration

Administrative Examples - Content DB home page

ORACLE Enterprise Manager 10g
Application Server Control

Application Server: [cdb_10_2_0.contentdb.us.oracle.com](#) >

Content

Page Refreshed **Sep 18, 2006 8:41:04 PM**

Content DB Version **10.2.0.0.0**
Database Service **db10gr2.us.oracle.com**
[Show Database Connect Descriptor](#)
Schema **CONTENT**

Processes

All local and remote processes are listed in the table below.

Search

|

Select	Name	OC4J Instance	Status	Middle Tier	Local
☒	Node	n/a	↑	cdb_10_2_0.contentdb.us.oracle.com	✓
☐	OC4J_Content	OC4J_Content	↑	cdb_10_2_0.contentdb.us.oracle.com	✓

Performance

- [Domain Performance & Statistics](#)
- [All Metrics](#)
- [Metric Configuration](#)

Administration

- [Domain Properties](#)
- [Sites](#)
- [Custom Workflows](#)
- [Node Configurations](#)
- [Formats](#)
- [Change Schema Password](#)
- [Service Configurations](#)
- [Retention Hardware](#)
- [Server Configurations](#)
- [Storage Management](#)

[Logs](#) | [Topology](#) | [Preferences](#) | [Help](#)

Copyright © 1996, 2005, Oracle. All rights reserved.
About Oracle Enterprise Manager 10g Application Server Control

System Administration

Managing Sites - Creating Sites

Administration

- [Domain Properties](#)
- [Sites](#)
- [Custom Workflows](#)
- [Node Configurations](#)
- [Formats](#)
- [Change Schema Password](#)

Sites

Page Refreshed **May 23, 20**

Sites are discrete organizational entities that are based on realms that have been defined in Oracle Management. Since there is a one-to-one mapping between a Site and a realm, you can only create Sites for the realms that are available realms that have not yet been mapped to existing Sites.

Search

|

Select	Name	Realm	Enabled	Default	Allocated Quota
☒	us	us	✓	✓	500 MB

System Administration

Administrative Examples - Managing Formats

Administration

- [Domain Properties](#)
- [Sites](#)
- [Custom Workflows](#)
- [Node Configurations](#)
- **[Formats](#)**
- [Change Schema Password](#)

Formats

Search

| 1-25 of

[Select All](#) | [Select None](#)

Select	Name 	MIME Type	Extension	Binary	Indexed
☐	Advanced Stream Redirector File	video/x-ms-asf	asx	✓	
☐	Advanced Streaming Format	video/x-ms-asf	asf	✓	
☐	Apple Quicktime	video/quicktime	mov	✓	✓
☐	Apple Quicktime (qt)	video/quicktime	qt	✓	✓

System Administration

Enabling Anti Virus Scanning

Domain Properties

Page Refreshed **May 23, 2005 5:44:51 AM** 

Domain properties with names displayed as hyperlinks can be updated. Click the property name to edit it. Domain properties that contain inner properties display a Details icon. Click the icon to view the inner properties.

Search

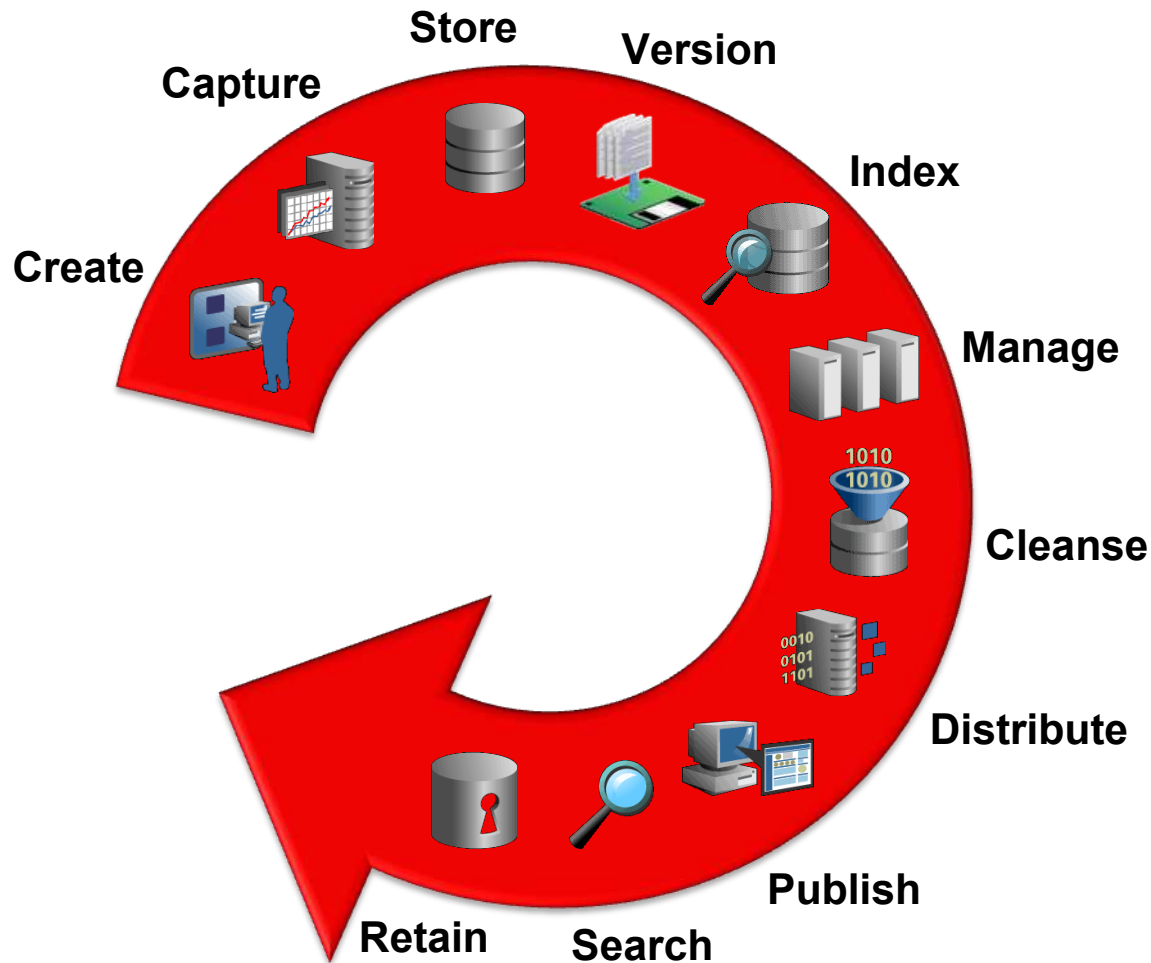
 Previous 1-25 of 86  Next 25 

Name 	Type	Value
IFS.DOMAIN.ANTIVIRUS.Enabled	BOOLEAN	true
IFS.DOMAIN.ANTIVIRUS.Host	STRING	144.25.246.53
IFS.DOMAIN.ANTIVIRUS.Implementation	STRING	oracle.ifs.utils.scanner.I
IFS.DOMAIN.ANTIVIRUS.LastDefinitionUpdate	STRING	0
IFS.DOMAIN.ANTIVIRUS.MaxRepairAttempts	STRING	10
IFS.DOMAIN.ANTIVIRUS.Port	STRING	8004

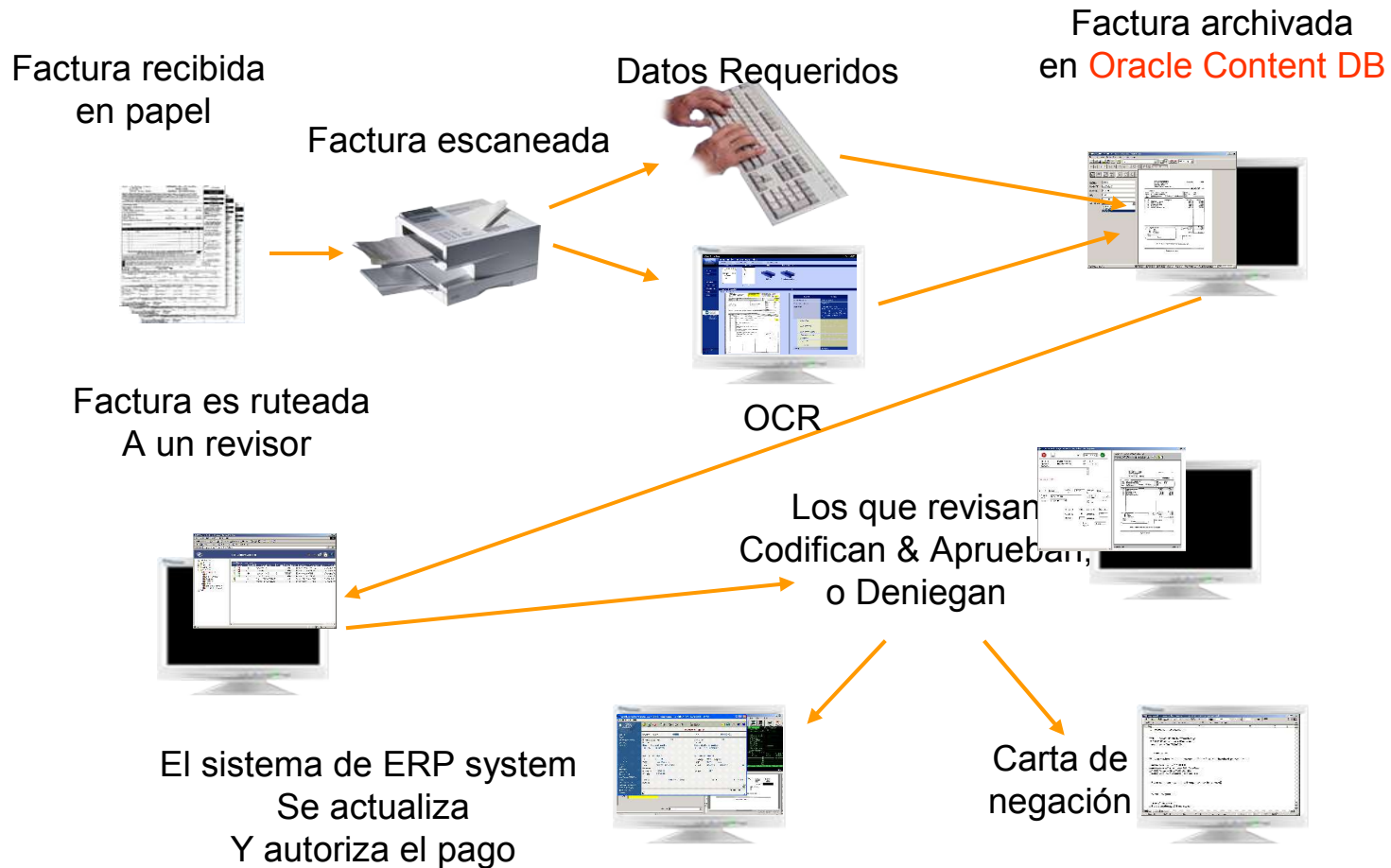
Oracle Enterprise Content Management



Content Management Lifecycle



Ciclo de Vida & Procesos



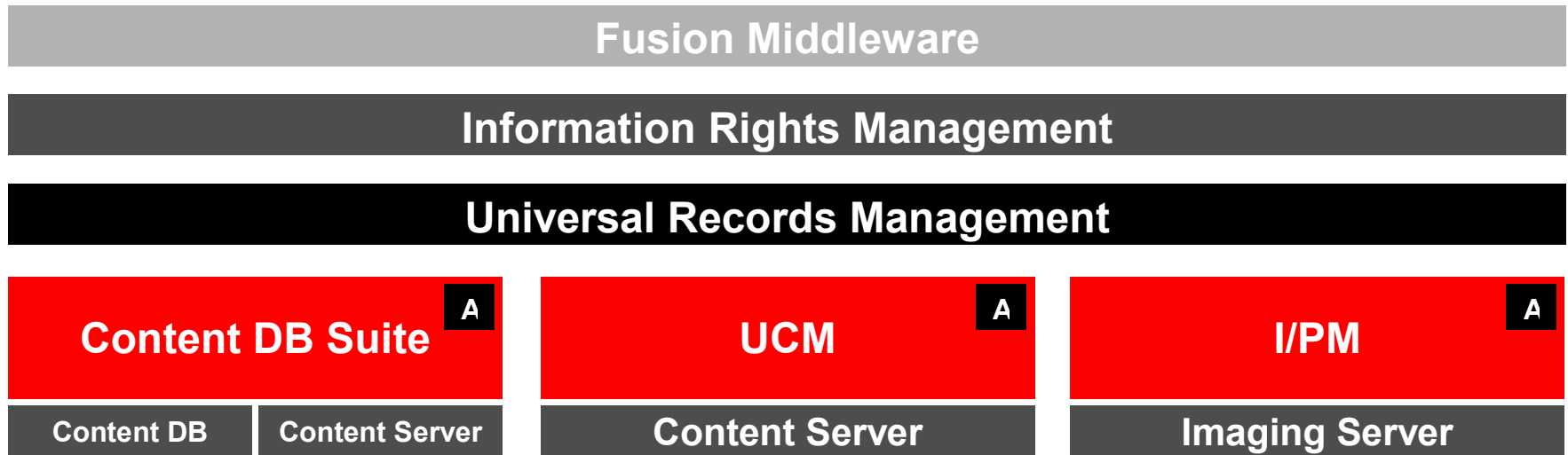
Enterprise Content Management

Productos

- **Content Database Suite**
 - Content DB for server and repository consolidation
 - Content Server for document and content management
- **Universal Content Management**
 - Integrated Enterprise Content Management suite with Document Mgmt., Web Content Mgmt., Digital Asset Mgmt., Records Mgmt.
- **Universal Records Management**
 - Federated enterprise records and retention management
- **Information Rights Management**
 - Secures and controls content outside of the repository or enterprise
- **Imaging and Business Process Management**
 - Automation of process-oriented imaging applications

Roadmap

Desarrollando Más Fusion Middleware



- **BPEL Process Manager for workflow and Web services orchestration**
- **WebCenter for composite applications and Web 2.0 environment**
- **Identity Management for provisioning**
- **Secure Enterprise Search for search across ECM and other repositories**

Integrado con Fusion Middleware



Development Tools
SOA Tools & Framework

	User Interaction Portals, Content, Search, Desktop, Mobile, VoIP
	Business Intelligence ETL, Q&A, OLAP, Reports, Alerts, Real Time
	Content Management Web Content, Digital Assets, Documents, Records, Images
	Integration & Process Management Messaging, ESB, BPM, B2B, BAM, MDM
	Application Server J2EE, WS-*, Events, Rules
	Grid Infrastructure Clusters, Metadata, Registry, Security



Systems Management
System Application
Services



Identity Management
Directory Provisioning, Single
Sign-On, Identity Administration

Resumen

De:

Entornos no controlados

Despliegue Departamental

Administradores Distribuidos

Multiples Silos de Contenido

Soluciones Propietarias

Aplicaciones ligeramente integradas

Soluciones sin Infraestructura



Hacia:

Entornos Regulados

Despliegue a lo largo de la Empresa

Administración Centralizada

Una Base de Datos consolidada

Estándares basados en SOA

Procesos de Negocios Integrados

Infraestructura escalable, confiable,
de muy alto rendimiento y estándar

Siguientes Pasos

<http://search.oracle.com>

Oracle Content Database



or

<http://www.oracle.com/>

P
PREGUNTAS
RESPUESTAS
&
R