

Инсталляция инстанса среднего слоя (Middle Tier) сервера приложений Oracle Application Server 10g.

1. Подготовка дистрибутива для инсталляции инстанса среднего слоя (Middle Tier).

The screenshot shows a Windows Explorer window titled 'oas10gwin'. The address bar shows the path 'oas10gwin'. The main pane displays a list of files and folders. The left pane shows the 'oas10gwin' folder and links to 'My Documents', 'My Network Places', and 'My Computer'. The status bar at the bottom indicates '32 object(s)' and '4.28 GB'.

Name	Size	Type	Modified
13086		File Folder	5/21/2004 10:04 PM
13180		File Folder	5/22/2004 12:44 AM
14667		File Folder	5/22/2004 12:47 AM
14668		File Folder	5/22/2004 12:48 AM
14669		File Folder	5/22/2004 12:50 AM
14670		File Folder	5/22/2004 12:51 AM
14671		File Folder	5/22/2004 12:53 AM
14672		File Folder	5/22/2004 12:54 AM
14676		File Folder	5/22/2004 12:57 AM
14677		File Folder	5/22/2004 12:59 AM
14678		File Folder	5/22/2004 1:00 AM
14679		File Folder	5/22/2004 1:02 AM
14699		File Folder	5/22/2004 1:05 AM
14794		File Folder	5/22/2004 1:08 AM
14796		File Folder	5/22/2004 1:11 AM
Oracle Application...		File Folder	5/21/2004 9:11 PM
B13086-01.zip	363,163 KB	WinZip File	12/23/2003 10:39 PM
B13180-01.zip	266,597 KB	WinZip File	12/29/2003 11:40 PM
B14667-01.zip	436,370 KB	WinZip File	4/7/2004 7:58 PM
B14668-01.zip	380,865 KB	WinZip File	4/7/2004 8:12 PM
B14669-01.zip	457,266 KB	WinZip File	4/7/2004 8:29 PM
B14670-01.zip	333,545 KB	WinZip File	4/7/2004 9:50 PM
B14671-01.zip	121,757 KB	WinZip File	4/7/2004 8:34 PM
B14672-01.zip	118,808 KB	WinZip File	4/7/2004 9:54 PM
B14676-01.zip	402,259 KB	WinZip File	4/7/2004 10:25 PM
B14677-01.zip	58,986 KB	WinZip File	4/7/2004 10:27 PM
B14678-01.zip	272,264 KB	WinZip File	4/7/2004 8:44 PM
B14679-01.zip	270,399 KB	WinZip File	4/7/2004 8:54 PM
B14699-01.zip	461,238 KB	WinZip File	4/13/2004 9:03 PM
B14794-01.zip	333,793 KB	WinZip File	5/4/2004 10:55 PM
B14796-01.zip	215,621 KB	WinZip File	5/5/2004 12:50 AM
Oracle Application...	148 KB	HTML Document	5/17/2004 11:34 AM

2. Проверка компонент дистрибутива.

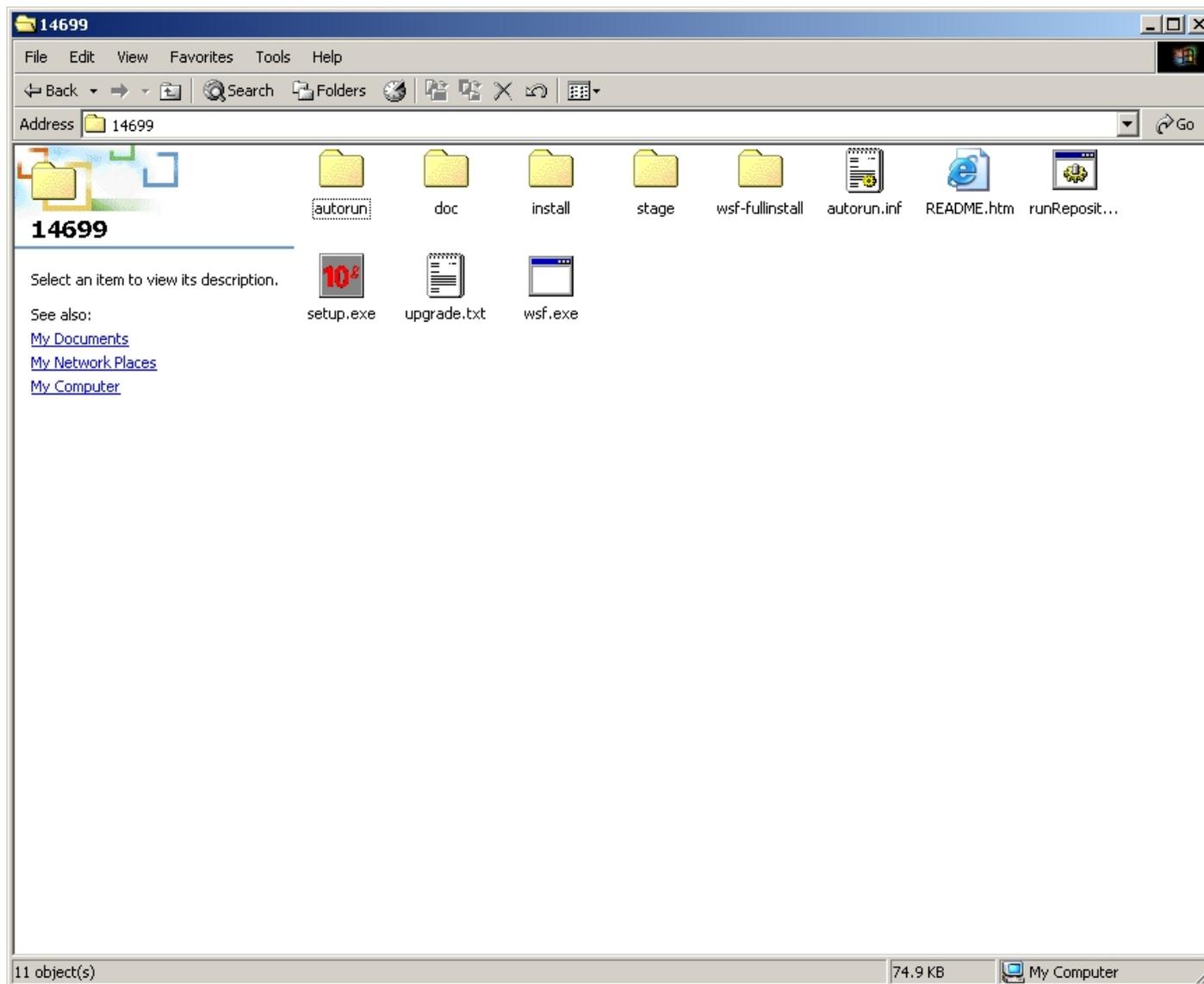


Oracle Application Server 10g

Release 9.0.4.0.0

Name	Part #	Release Date	Size(Bytes)	
Oracle® Application Server 10g (9.0.4.0.0) Admin and Development Client for Microsoft Windows 95/98/NT	B13086-01	08-Dec-2003	371,878,545	View
Oracle® Application Server InterConnect iStudio 10g (9.0.4.0.0) for Microsoft Windows NT/2000/XP	B13180-01	24-Dec-2003	272,995,062	View
Oracle® Application Server 10g (9.0.4.0.0) Admin and Development Client for Microsoft Windows (32-bit)	B13320-01	29-Jan-2004	371,879,702	View
Oracle® Application Server 10g (9.0.4.0.0) for Microsoft Windows (32-bit) (CD 2 of 3)	B14668-01	05-Apr-2004	390,005,506	View
Oracle® Application Server 10g (9.0.4.0.0) for Microsoft Windows (32-bit) (CD 3 of 3)	B14669-01	05-Apr-2004	468,239,717	View
Oracle® Application Server 10g (9.0.4.0.0) Admin and Development Client for Microsoft Windows 95/98/NT	B14670-01	05-Apr-2004	341,549,614	View
Oracle® Application Server TopLink 10g (9.0.4.2.0)	B14671-01	05-Apr-2004	124,678,515	View
Oracle® Content Management SDK 10g (9.0.4.1.0) for Microsoft Windows NT/2000/XP/2003	B14672-01	05-Apr-2004	121,658,813	View
Oracle® Application Server Forms and Reports Services 10g (9.0.4.0.0) for Microsoft Windows	B14676-01	05-Apr-2004	411,913,074	View
Oracle® Application Server Forms and Reports Services 10g (9.0.4.0.0) Documentation Library CD-ROM	B14677-01	05-Apr-2004	60,401,449	View
Oracle® Application Server InterConnect 10g (9.0.4.0.0) for Microsoft Windows	B14678-01	05-Apr-2004	278,797,601	View
Oracle® Application Server InterConnect iStudio 10g (9.0.4.0.0) for Microsoft Windows NT/2000/XP	B14679-01	05-Apr-2004	276,888,358	View
Oracle® Application Server 10g (9.0.4.0.0) for Microsoft Windows (32-bit) (CD 1 of 3)	B14699-01	09-Apr-2004	472,307,420	View
Oracle® Application Server 10g (9.0.4.0.0) Admin and Development Client for Microsoft Windows	B14794-01	27-Apr-2004	341,804,030	View
Oracle® Application Server Metadata Repository Creation Assistant and Utilities 10g (9.0.4.0.1) for Microsoft Windows	B14796-01	27-Apr-2004	220,794,922	View

3. Передвинулись на Disk 1 (CD 1 of 3). Как всегда, начали с изучения README.htm



4. Для начала прочитали “Oracle Application Server Quick Tour”. Теперь мы имеем общее представление о продукте.

Introduction - Oracle Application Server 10g - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address C:\top\igor\distrs\oas10gwin\14699\doc\index.htm

Go Links

Oracle Application Server

Documentation Library

10g (9.0.4.0.0) for Microsoft Windows

Getting Started Documentation

Quick Tour

The [Oracle Application Server Quick Tour](#) introduces the features and functionality of Oracle Application Server.

Oracle Application Server Introduction

Oracle Application Server provides the lowest total cost of ownership of any application server on the market, by delivering the most comprehensive, standards-based functionality from a single fully integrated e-business platform. With Oracle Application Server you can do the following:

- build and deploy dynamic Web sites, J2EE applications and Web services
- create personalized portals
- make sites and applications accessible from both traditional browsers and mobile devices
- run any Web site or Internet application faster than any other application server on the market
- provide real-time, personalized recommendations based on visitor "click," purchase, demographic and ratings data
- integrate existing applications, data sources and trading partners into one common e-business infrastructure
- collaborate effectively with all your stakeholders
- manage and secure all of your Web infrastructure
- scale your Web sites and applications as your business grows and deliver reliable, 24*7 service to all your users around the globe

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My Computer

5. Сменили закладку и полностью прочитали документацию к дистрибутиву. Это не manual, и прочитать все это можно достаточно быстро.

Documentation - Oracle Application Server 10g - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address C:\top\igor\distrs\oas10gwin\14699\doc\docs.htm Go Links

Oracle Application Server Documentation Library

10g (9.0.4.0.0) for Microsoft Windows

Getting Started Documentation

Finding Documentation

This page contains installation, migration, and upgrade documentation as well as product and component release notes. For information on using Oracle Application Server, refer to the Oracle Application Server documentation library. The library is available on another disk in the Oracle Application Server CD-Pack or on the [Oracle Technology Network](#).

Documentation Accessibility

For information on accessibility in this documentation set, read the [Accessibility Statements](#).

Release Notes

Oracle Application Server Release Notes	HTML PDF
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Installation

Installation Guide	HTML PDF
Quick Installation and Upgrade Guide	HTML PDF

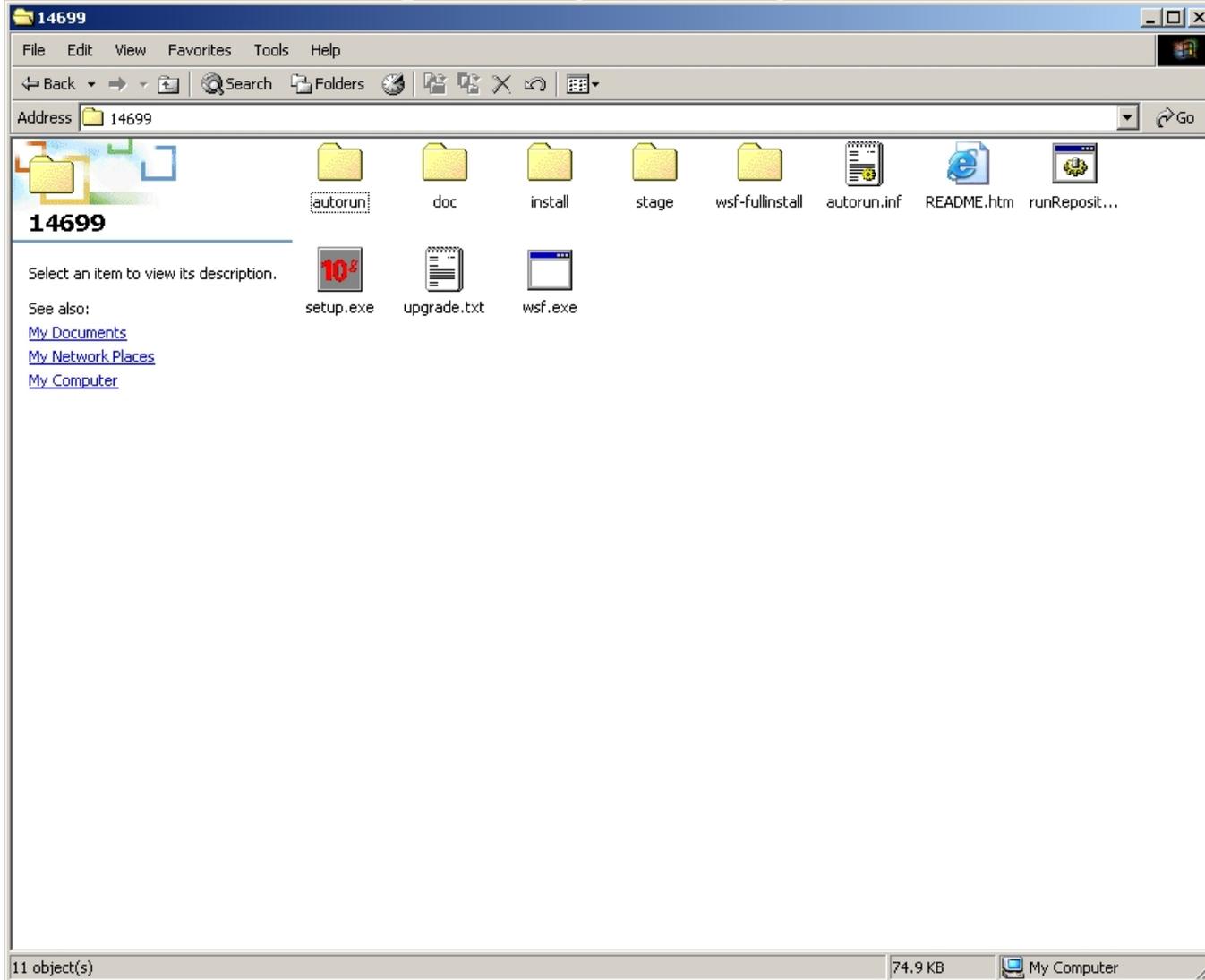
Migration and Upgrade

Upgrading to 10g (9.0.4)	HTML PDF
Migrating from WebLogic	HTML PDF
Migrating from WebSphere	HTML PDF
Migrating from Oracle Application Server	HTML PDF

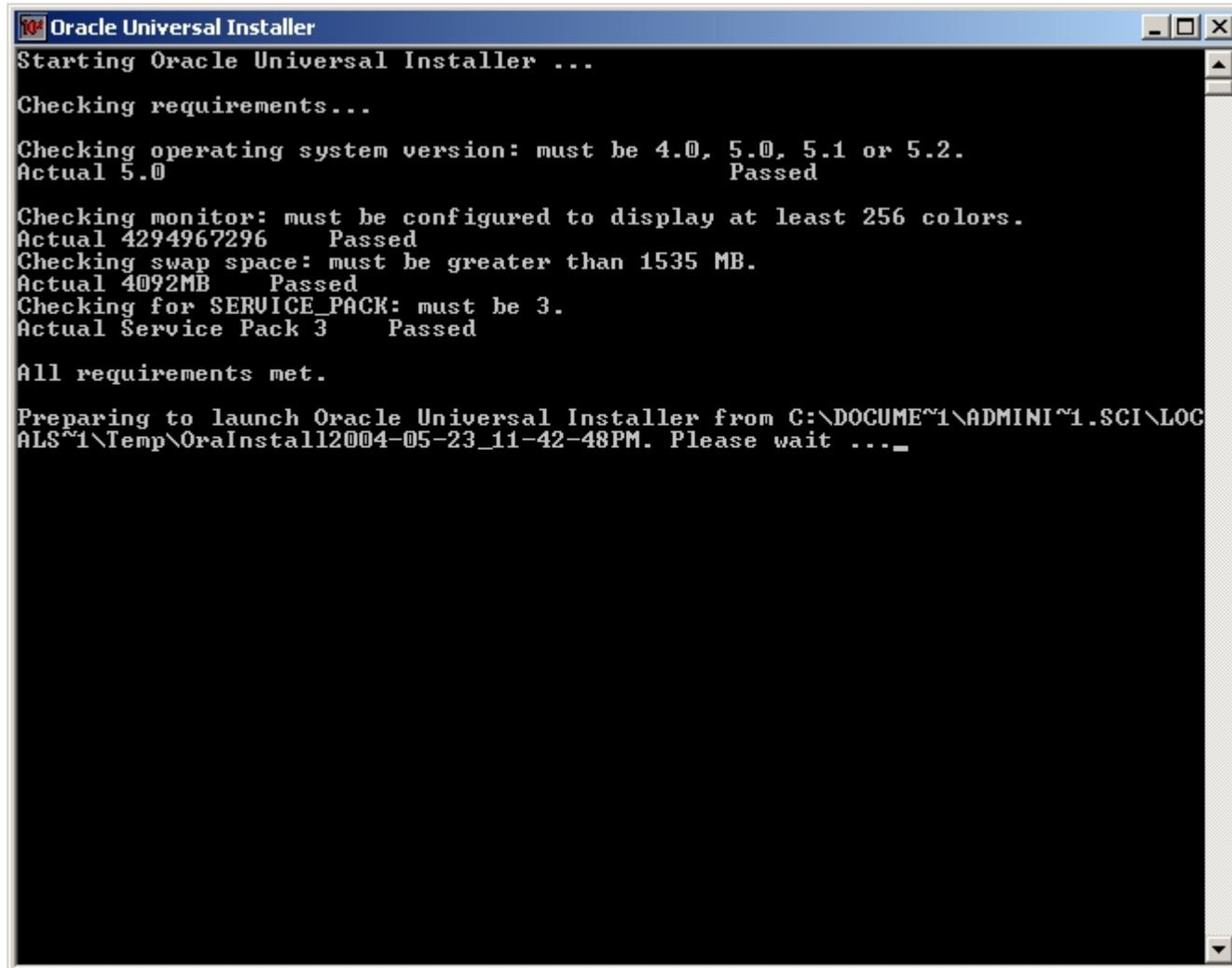
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Done My Computer

6. Вернулись в исходное положение Disk1: “CD 1 of 3”. Запустили файл setup.exe



6a. Система проверяет исходные требования к системе и аппаратной части компьютера.

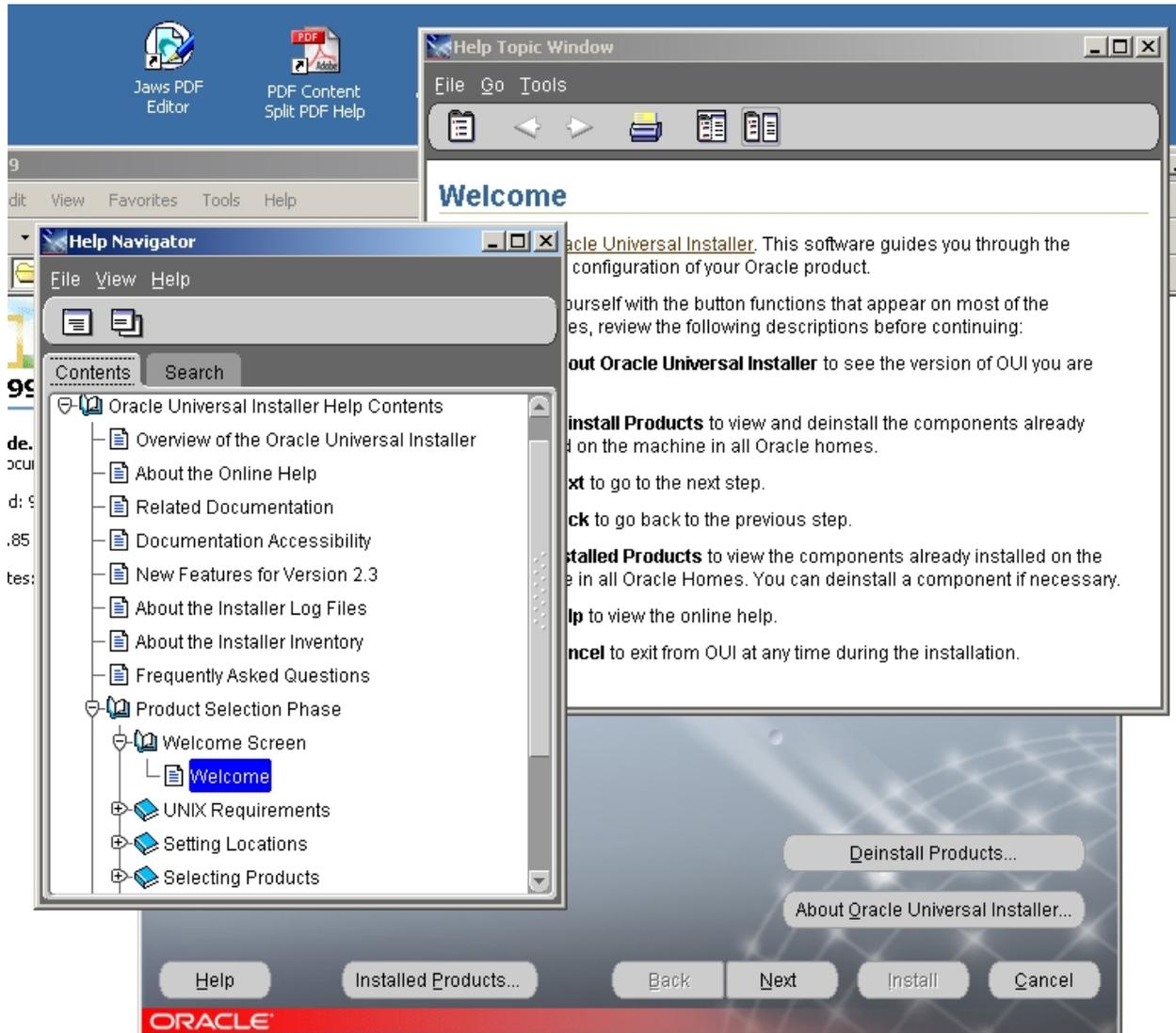
A screenshot of a Windows-style window titled "Oracle Universal Installer". The window contains a black terminal area with white text. The text shows the progress of a system requirements check. It starts with "Starting Oracle Universal Installer ...", followed by "Checking requirements...". Then, it lists several checks: "Checking operating system version: must be 4.0, 5.0, 5.1 or 5.2. Actual 5.0 Passed", "Checking monitor: must be configured to display at least 256 colors. Actual 4294967296 Passed", "Checking swap space: must be greater than 1535 MB. Actual 4092MB Passed", and "Checking for SERVICE_PACK: must be 3. Actual Service Pack 3 Passed". After these checks, it says "All requirements met." and "Preparing to launch Oracle Universal Installer from C:\DOCUME~1\ADMINI~1\SCI\LOCALS~1\Temp\OraInstall12004-05-23_11-42-48PM. Please wait ...".

```
Oracle Universal Installer
Starting Oracle Universal Installer ...
Checking requirements...
Checking operating system version: must be 4.0, 5.0, 5.1 or 5.2.
Actual 5.0 Passed
Checking monitor: must be configured to display at least 256 colors.
Actual 4294967296 Passed
Checking swap space: must be greater than 1535 MB.
Actual 4092MB Passed
Checking for SERVICE_PACK: must be 3.
Actual Service Pack 3 Passed
All requirements met.
Preparing to launch Oracle Universal Installer from C:\DOCUME~1\ADMINI~1\SCI\LOCALS~1\Temp\OraInstall12004-05-23_11-42-48PM. Please wait ...
```

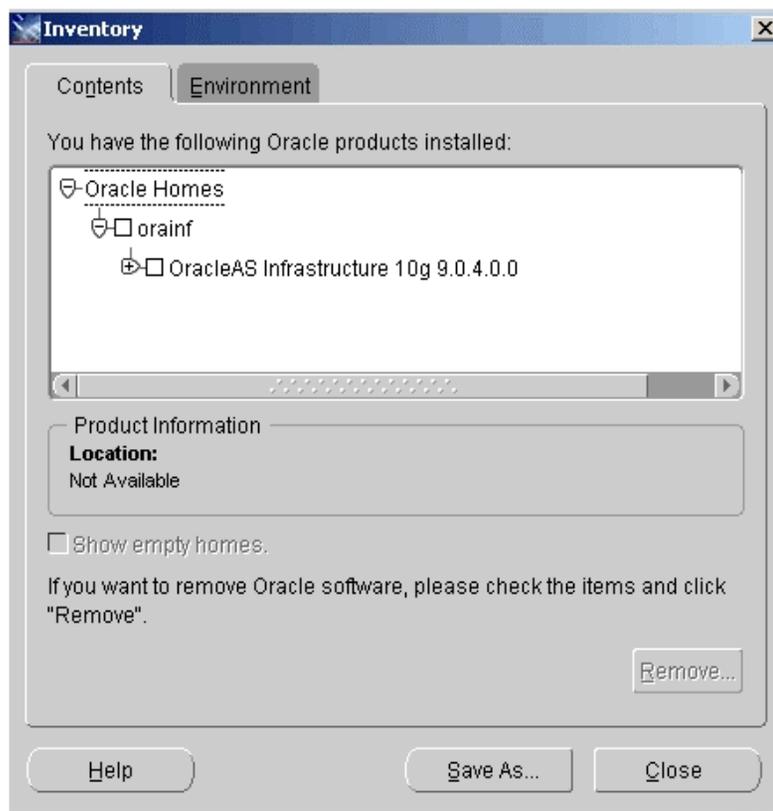
7. Запустился дружелюбный Oracle Universal Installer. Что произойдет, если здесь понажимать различные кнопки?



8. Нажали кнопку “Help”.



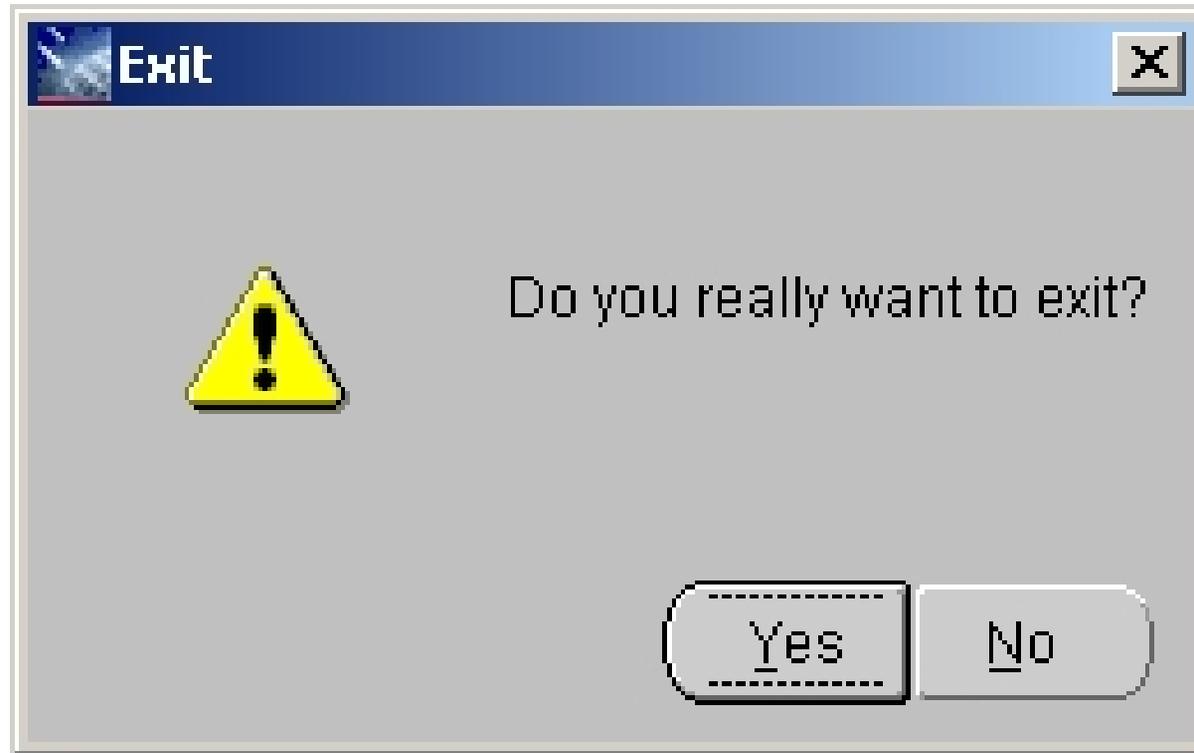
9. Нажали кнопку “Installed Products” или кнопку “Deinstall Products”. Ожидаемый одинаковый результат.



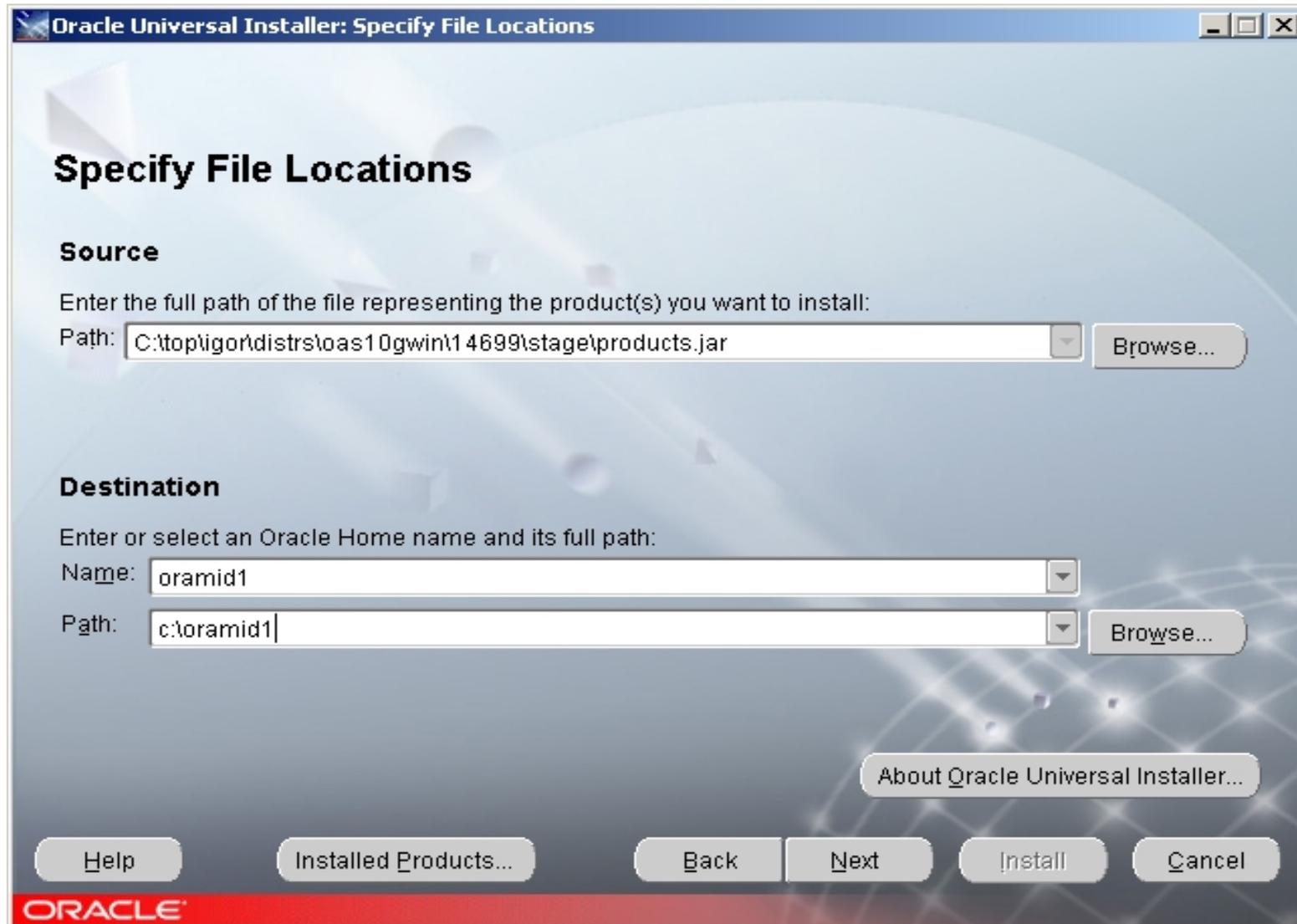
10. Нажали кнопку “About Oracle Universal Installer”. Это интересно и дает информацию.



11. Нажали кнопку “Cancel”. Нет, выходить из программы нам еще рано. Мы лучше выберем здесь кнопку “No”, и возвратясь на предыдущий экран нажмем кнопку “Next”.



12. Выберем путь к файлу, поясняющему что будем устанавливать, имя для Oracle_home и путь для Oracle_home.



The screenshot shows the 'Specify File Locations' window of the Oracle Universal Installer. The window title is 'Oracle Universal Installer: Specify File Locations'. It contains two main sections: 'Source' and 'Destination'. In the 'Source' section, the 'Path' field is filled with 'C:\top\lgon\distrs\oas10gwin114699\stage\products.jar' and a 'Browse...' button is to its right. In the 'Destination' section, the 'Name' field contains 'oramid1' and the 'Path' field contains 'c:\oramid1', with a 'Browse...' button to the right of the path field. At the bottom right, there is a button labeled 'About Oracle Universal Installer...'. At the bottom of the window, there is a row of buttons: 'Help', 'Installed Products...', 'Back', 'Next', 'Install', and 'Cancel'. The Oracle logo is visible in the bottom left corner of the window.

Specify File Locations

Source

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

Path:

Destination

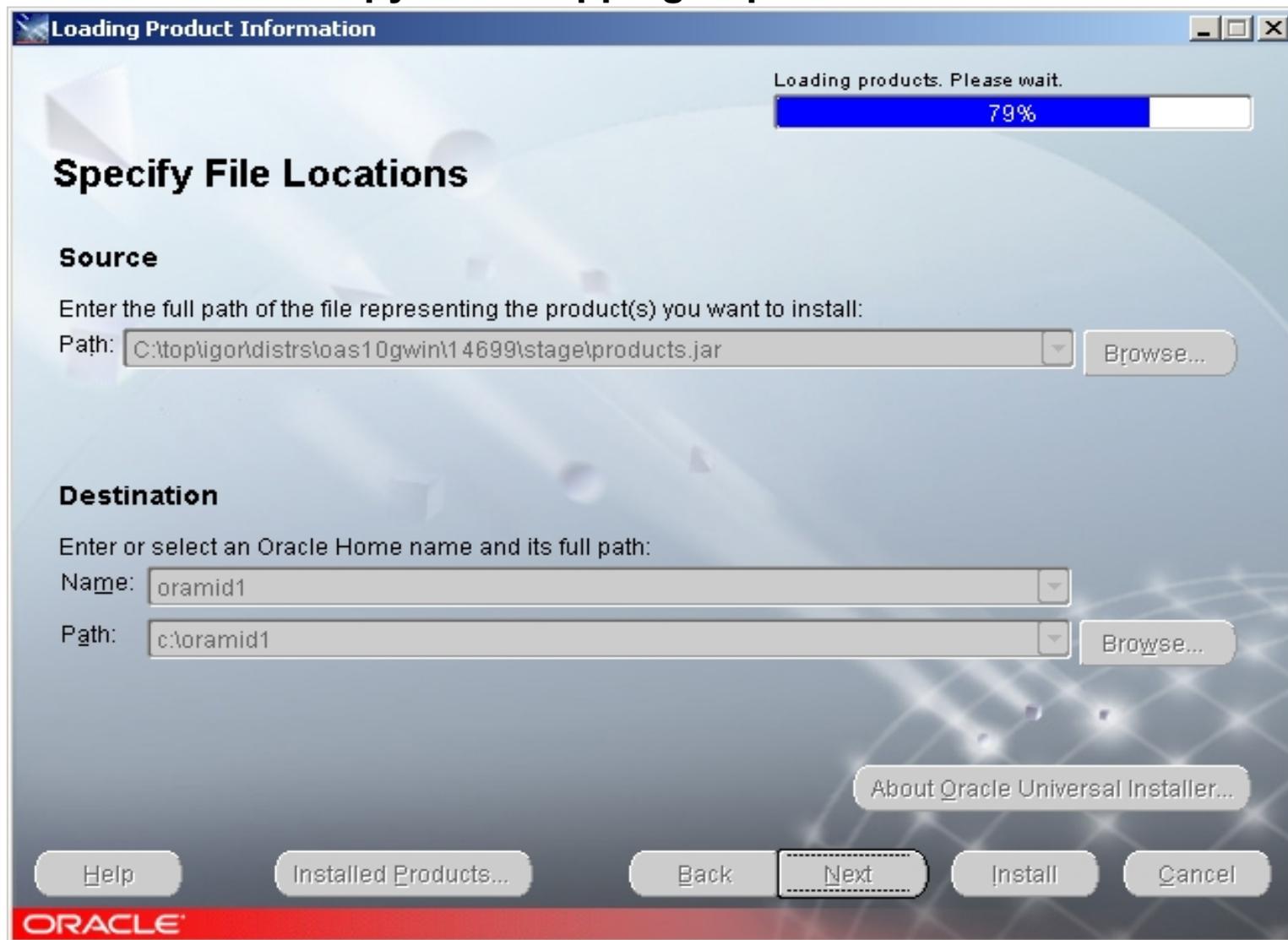
Enter or select an Oracle Home name and its full path:

Name:

Path:

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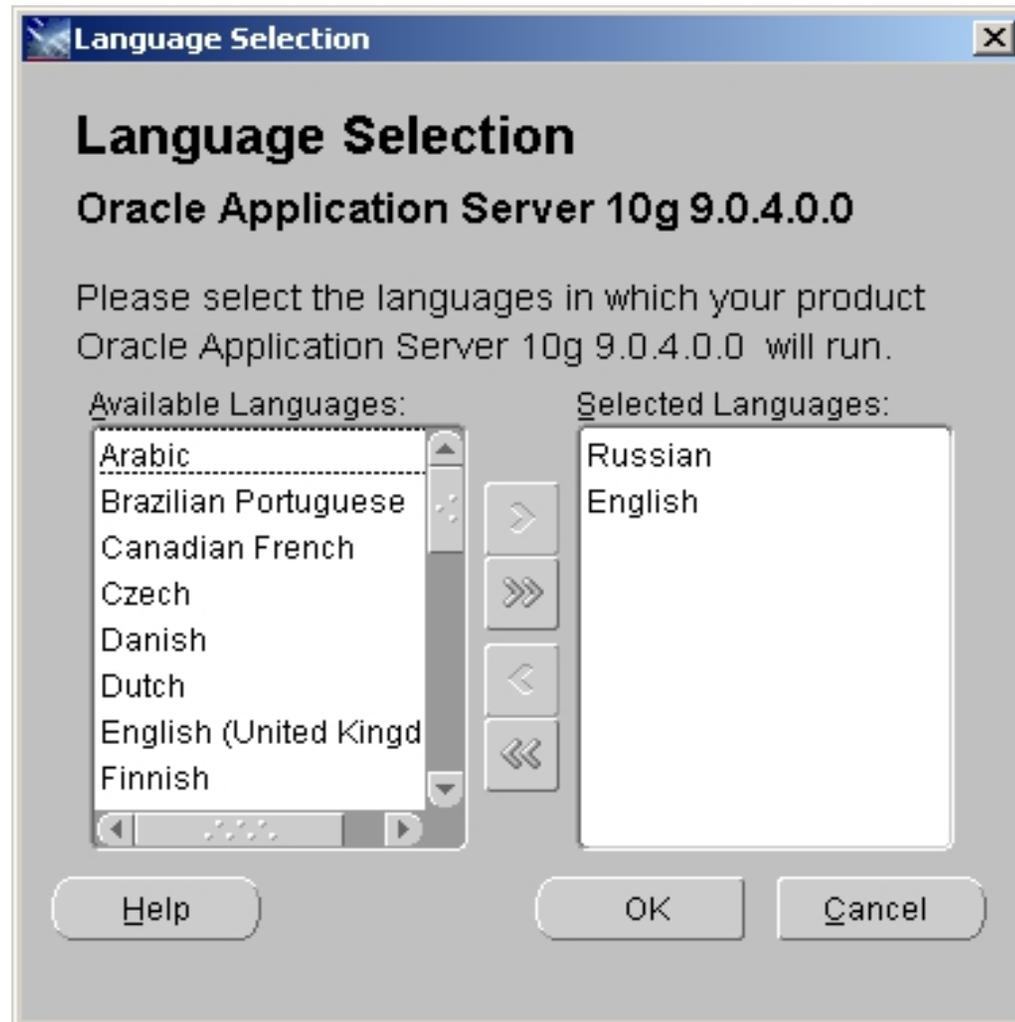
13. После нажатия кнопки “Next” Oracle Universal Installer начал загружать mapping of products.



14. И сразу после этого OUI переместил нас в экран выбора продукта инсталляции. Продукт мы выбрать можем, а вот на этот экран попадем в любом случае после предыдущего.



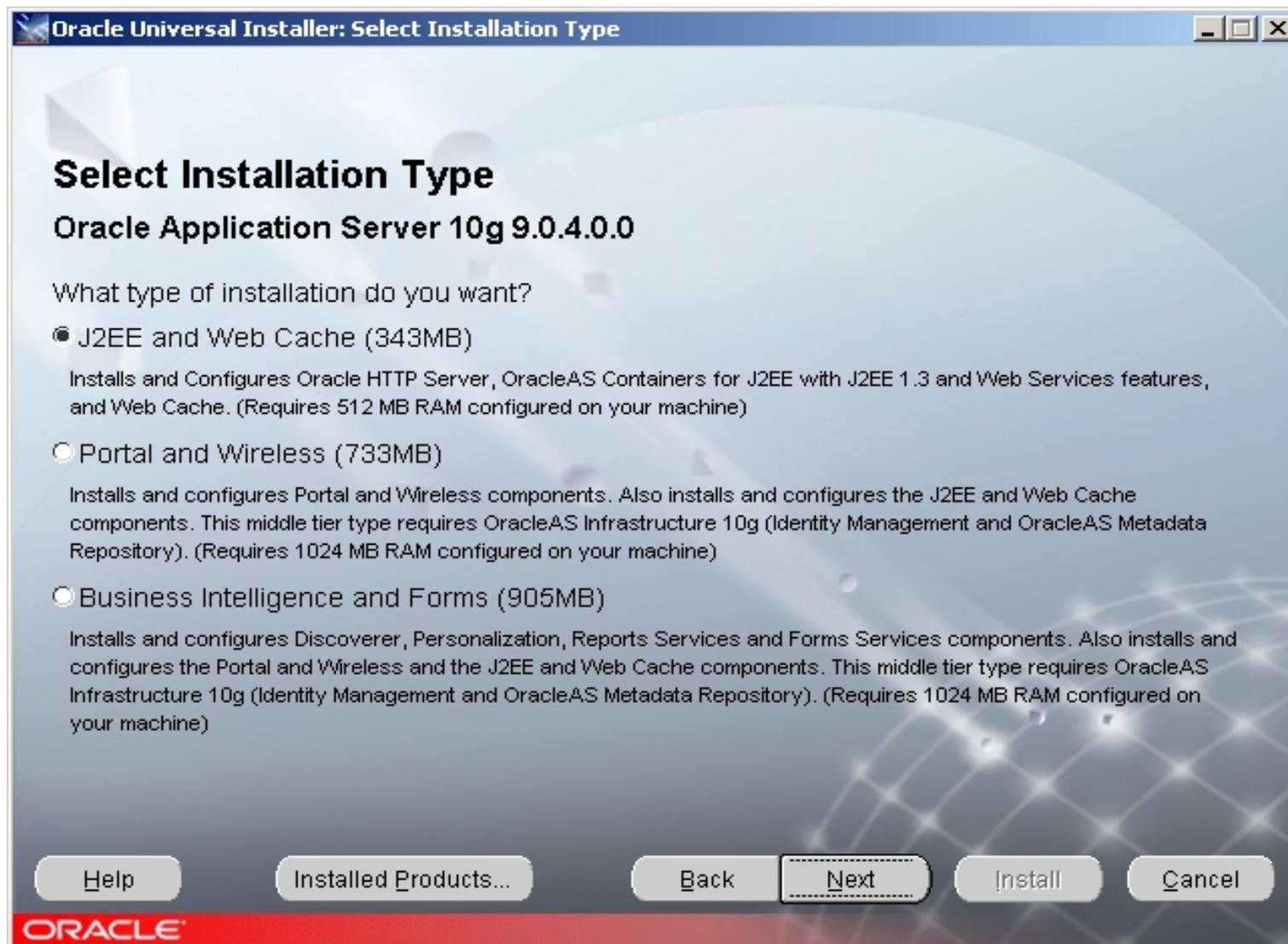
15. Нажмем кнопку “Product languages” на предыдущем экране и выберем от одного до 28 locale (языков) поддержки. Проверив параметры локализации OS OUI предлагает установить “Russian” и “English”.



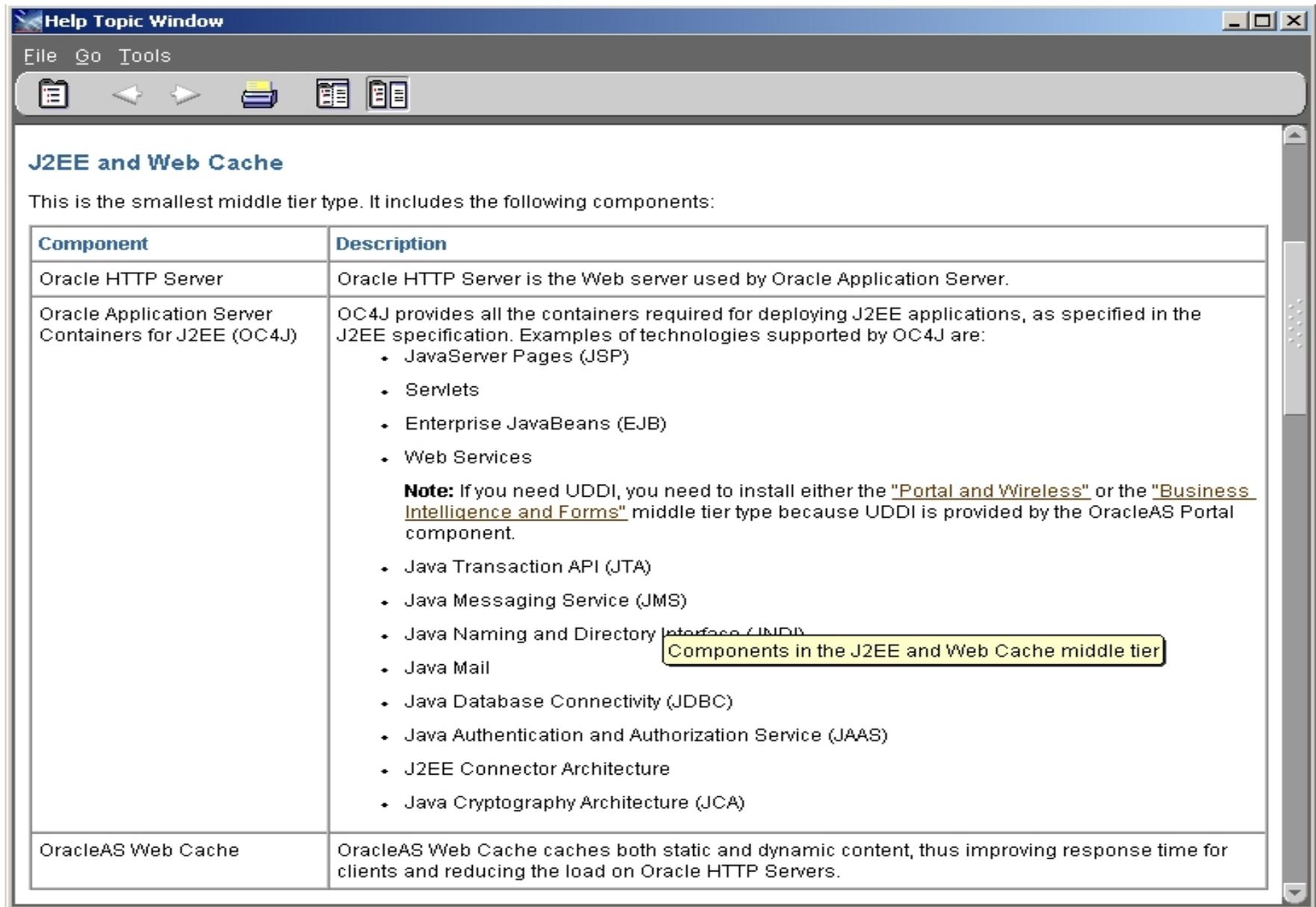
16. Выберем продукт для инсталляции. Мы инсталлируем инстанс среднего слоя.



17. А здесь уже выбор есть. Можно выбрать один из трех типов инсталляций.



18a. Что выбрать? J2EE and Web Cache



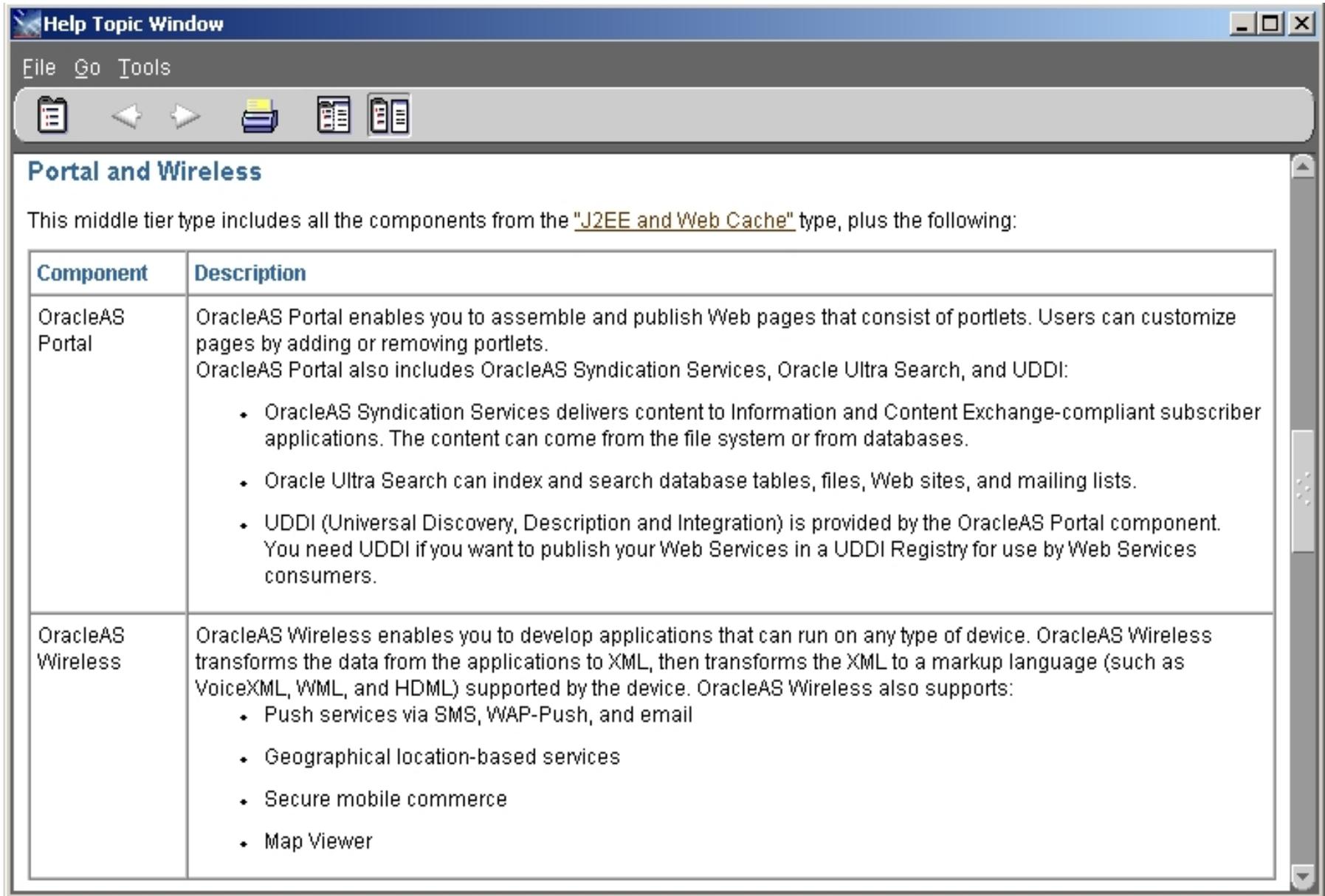
The screenshot shows a 'Help Topic Window' with a menu bar (File, Go, Tools) and a toolbar with icons for home, back, forward, print, and search. The main content area is titled 'J2EE and Web Cache' and contains the following text:

This is the smallest middle tier type. It includes the following components:

Component	Description
Oracle HTTP Server	Oracle HTTP Server is the Web server used by Oracle Application Server.
Oracle Application Server Containers for J2EE (OC4J)	<p>OC4J provides all the containers required for deploying J2EE applications, as specified in the J2EE specification. Examples of technologies supported by OC4J are:</p> <ul style="list-style-type: none">• JavaServer Pages (JSP)• Servlets• Enterprise JavaBeans (EJB)• Web Services <p>Note: If you need UDDI, you need to install either the "<u>Portal and Wireless</u>" or the "<u>Business Intelligence and Forms</u>" middle tier type because UDDI is provided by the OracleAS Portal component.</p> <ul style="list-style-type: none">• Java Transaction API (JTA)• Java Messaging Service (JMS)• Java Naming and Directory Interface (JNDI)• Java Mail• Java Database Connectivity (JDBC)• Java Authentication and Authorization Service (JAAS)• J2EE Connector Architecture• Java Cryptography Architecture (JCA)
OracleAS Web Cache	OracleAS Web Cache caches both static and dynamic content, thus improving response time for clients and reducing the load on Oracle HTTP Servers.

A yellow callout box points to the 'JNDI' entry in the list, containing the text: 'Components in the J2EE and Web Cache middle tier'.

18b. Что выбрать? Portal and Wireless

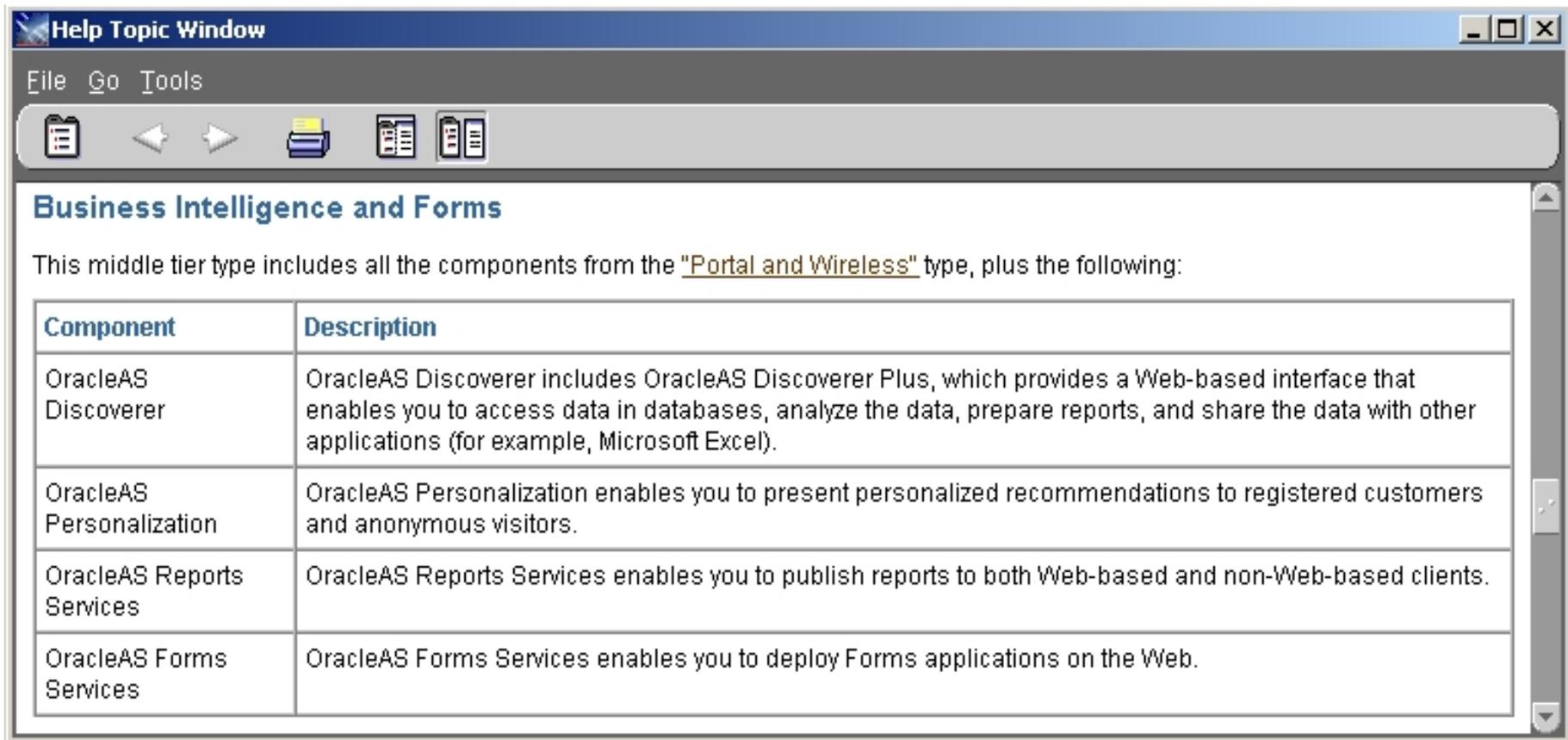


The screenshot shows a window titled "Help Topic Window" with a menu bar containing "File", "Go", and "Tools". Below the menu bar is a toolbar with icons for a document, navigation arrows, a printer, and two mobile device icons. The main content area is titled "Portal and Wireless" and contains a paragraph of text followed by a table with two rows of component descriptions.

This middle tier type includes all the components from the ["J2EE and Web Cache"](#) type, plus the following:

Component	Description
OracleAS Portal	<p>OracleAS Portal enables you to assemble and publish Web pages that consist of portlets. Users can customize pages by adding or removing portlets.</p> <p>OracleAS Portal also includes OracleAS Syndication Services, Oracle Ultra Search, and UDDI:</p> <ul style="list-style-type: none">• OracleAS Syndication Services delivers content to Information and Content Exchange-compliant subscriber applications. The content can come from the file system or from databases.• Oracle Ultra Search can index and search database tables, files, Web sites, and mailing lists.• UDDI (Universal Discovery, Description and Integration) is provided by the OracleAS Portal component. You need UDDI if you want to publish your Web Services in a UDDI Registry for use by Web Services consumers.
OracleAS Wireless	<p>OracleAS Wireless enables you to develop applications that can run on any type of device. OracleAS Wireless transforms the data from the applications to XML, then transforms the XML to a markup language (such as VoiceXML, WML, and HDML) supported by the device. OracleAS Wireless also supports:</p> <ul style="list-style-type: none">• Push services via SMS, WAP-Push, and email• Geographical location-based services• Secure mobile commerce• Map Viewer

18c. Что выбрать? Business Intelligence and Forms

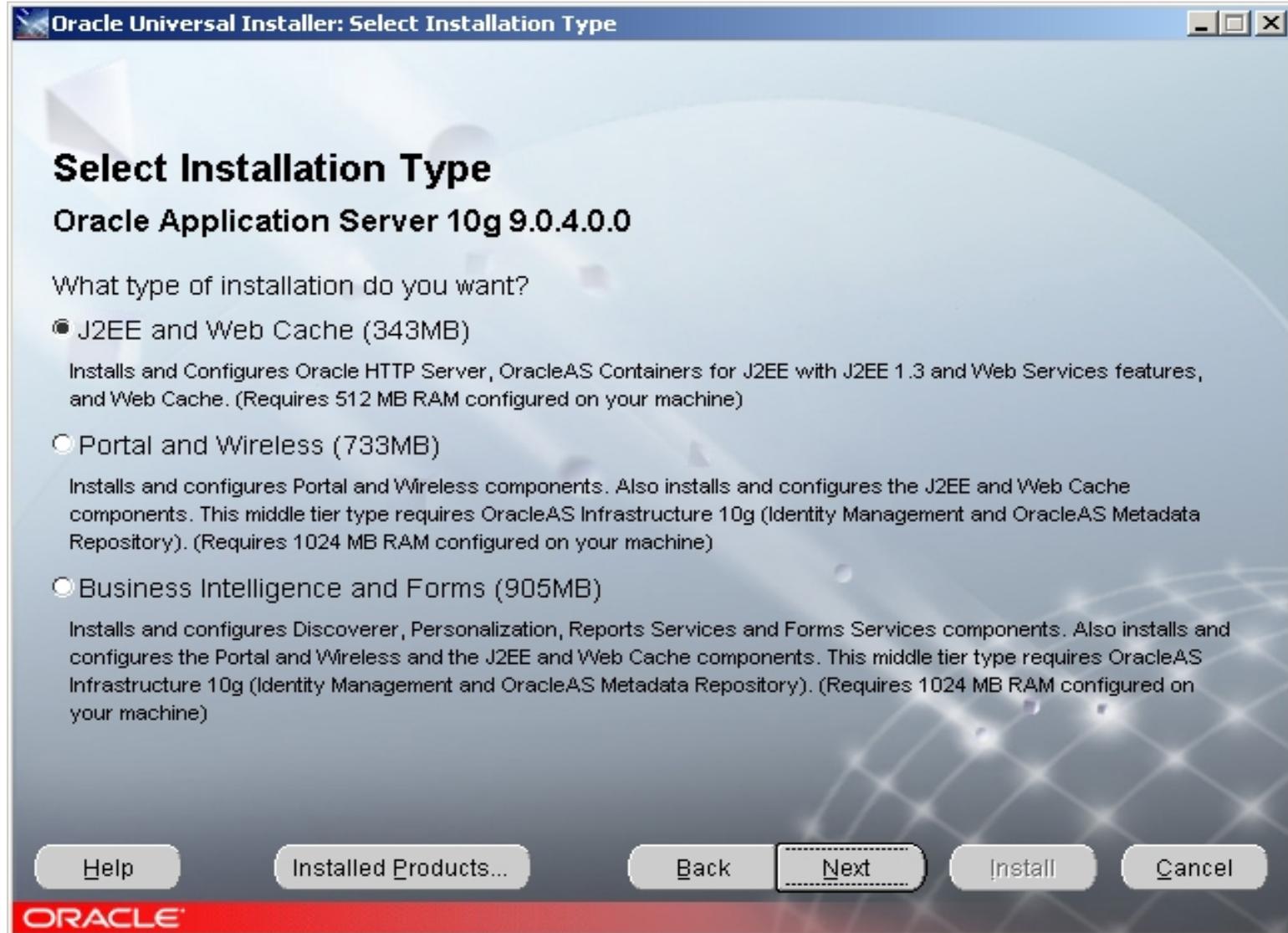


The screenshot shows a window titled "Help Topic Window" with a menu bar containing "File", "Go", and "Tools". Below the menu bar is a toolbar with icons for a table of contents, navigation arrows, a printer, and two document icons. The main content area is titled "Business Intelligence and Forms" and contains the following text:

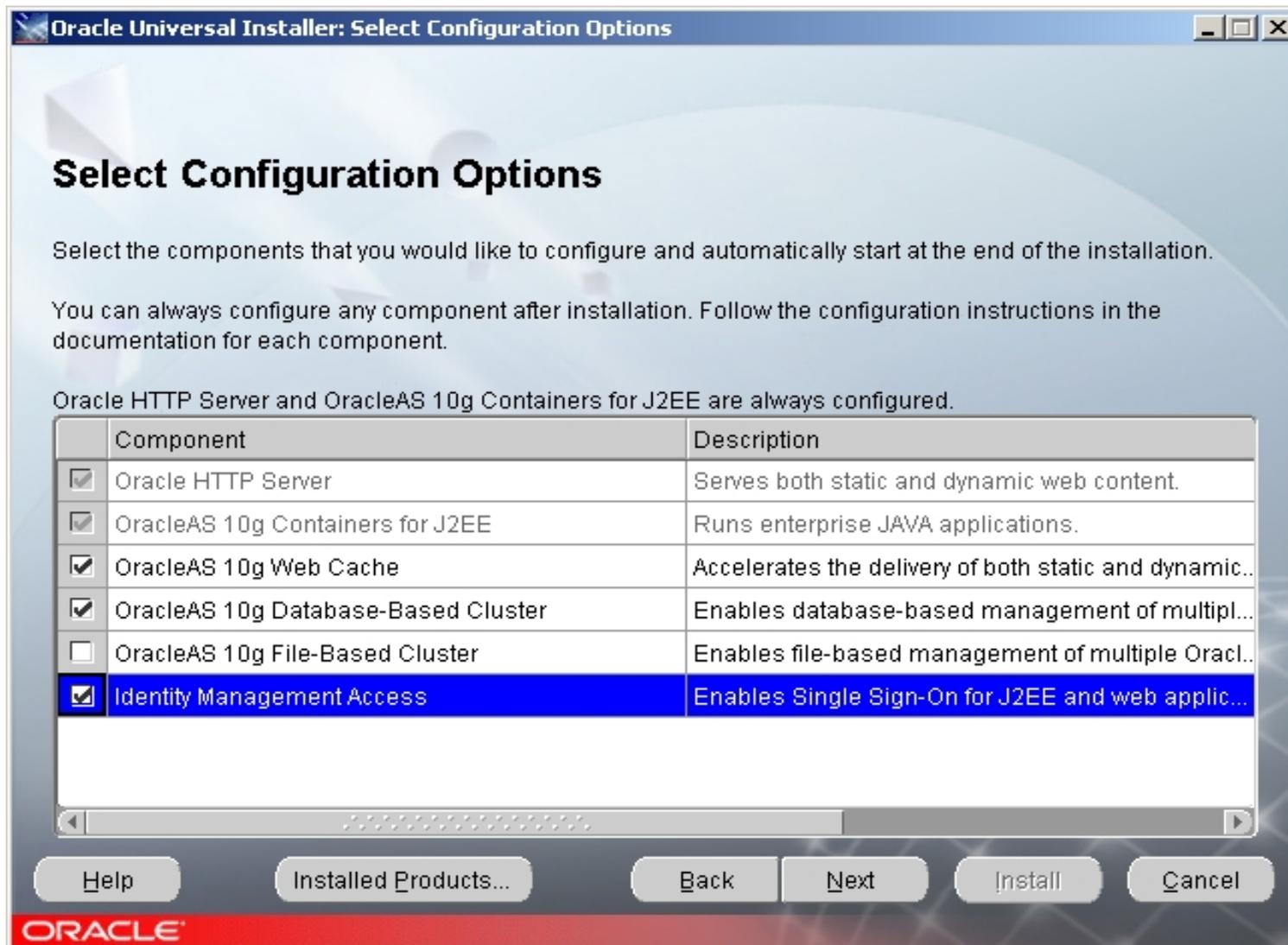
This middle tier type includes all the components from the ["Portal and Wireless"](#) type, plus the following:

Component	Description
OracleAS Discoverer	OracleAS Discoverer includes OracleAS Discoverer Plus, which provides a Web-based interface that enables you to access data in databases, analyze the data, prepare reports, and share the data with other applications (for example, Microsoft Excel).
OracleAS Personalization	OracleAS Personalization enables you to present personalized recommendations to registered customers and anonymous visitors.
OracleAS Reports Services	OracleAS Reports Services enables you to publish reports to both Web-based and non-Web-based clients.
OracleAS Forms Services	OracleAS Forms Services enables you to deploy Forms applications on the Web.

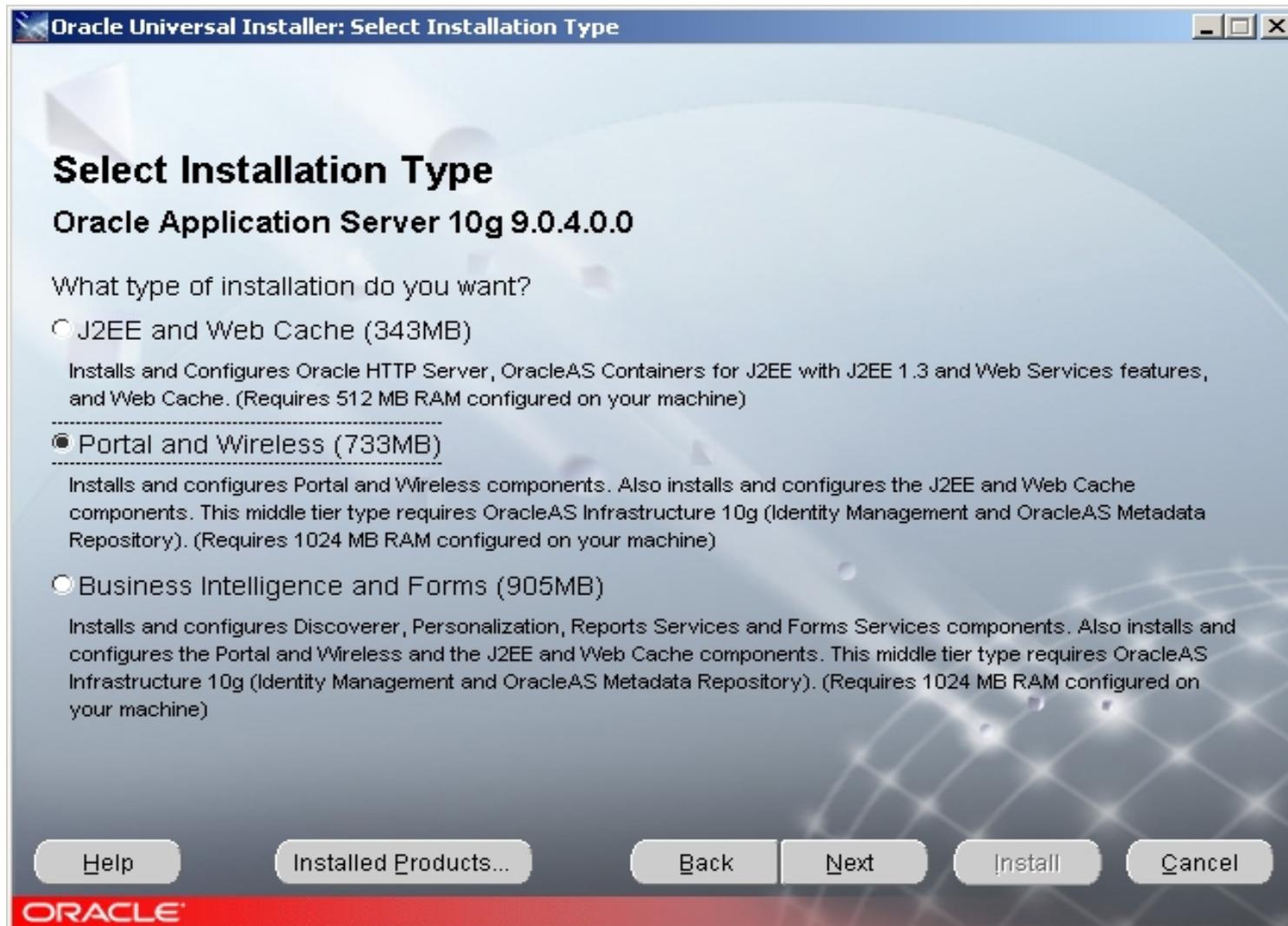
18d. Что будет устанавливаться, если мы выберем J2EE и WebCache тип инсталляции?



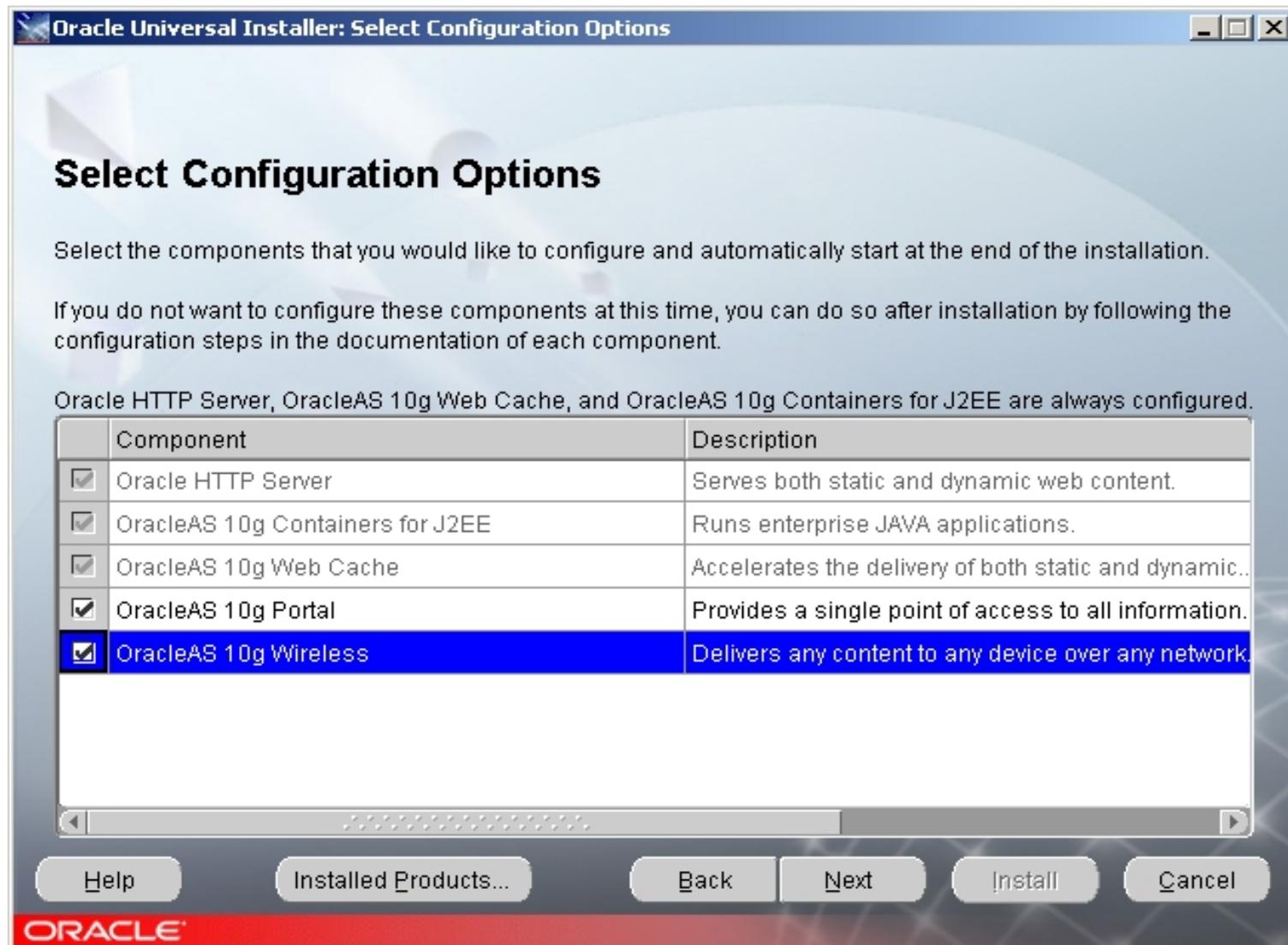
18e. Что будет устанавливаться, если мы выберем J2EE и WebCache тип инсталляции?



18f. Что будет устанавливаться, если мы выберем Portal и Wireless тип инсталляции?



18g. Что будет устанавливаться, если мы выберем Portal и Wireless тип инсталляции?



18h. Что будет устанавливаться, если мы выберем Business Intelligence и Forms тип инсталляции?



18i. Что будет устанавливаться, если мы выберем Business Intelligence и Forms тип инсталляции?

Select Configuration Options

Select the components that you would like to configure and automatically start at the end of the installation.

If you do not want to configure these components at this time, you can do so after installation by following the configuration steps in the documentation of each component.

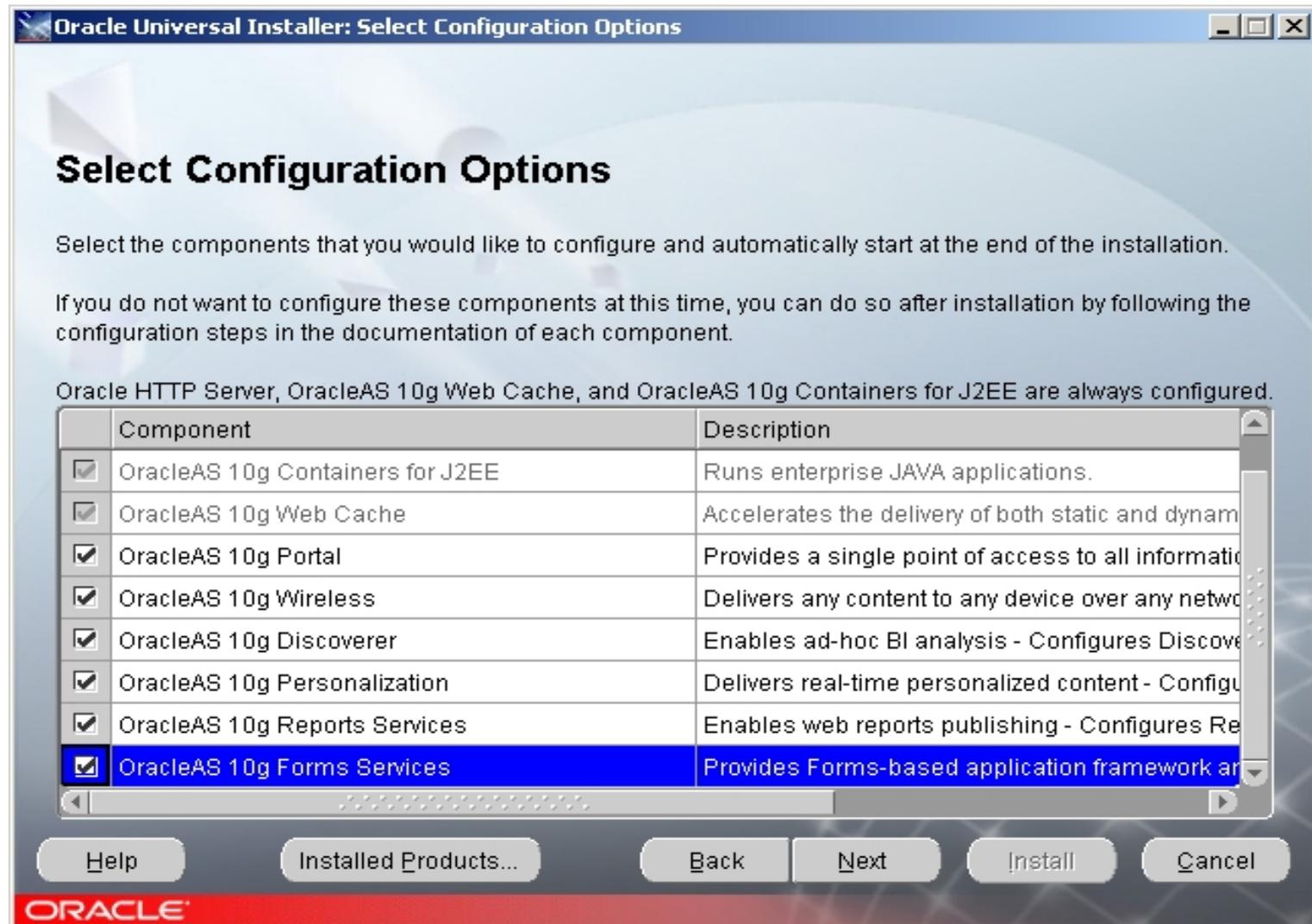
Oracle HTTP Server, OracleAS 10g Web Cache, and OracleAS 10g Containers for J2EE are always configured.

Component	Description
<input checked="" type="checkbox"/> Oracle HTTP Server	Serves both static and dynamic web content.
<input checked="" type="checkbox"/> OracleAS 10g Containers for J2EE	Runs enterprise JAVA applications.
<input checked="" type="checkbox"/> OracleAS 10g Web Cache	Accelerates the delivery of both static and dynamic content.
<input checked="" type="checkbox"/> OracleAS 10g Portal	Provides a single point of access to all information.
<input checked="" type="checkbox"/> OracleAS 10g Wireless	Delivers any content to any device over any network.
<input checked="" type="checkbox"/> OracleAS 10g Discoverer	Enables ad-hoc BI analysis - Configures Discoverer.
<input checked="" type="checkbox"/> OracleAS 10g Personalization	Delivers real-time personalized content - Configures Personalization.
<input checked="" type="checkbox"/> OracleAS 10g Reports Services	Enables web reports publishing - Configures Reports Services.

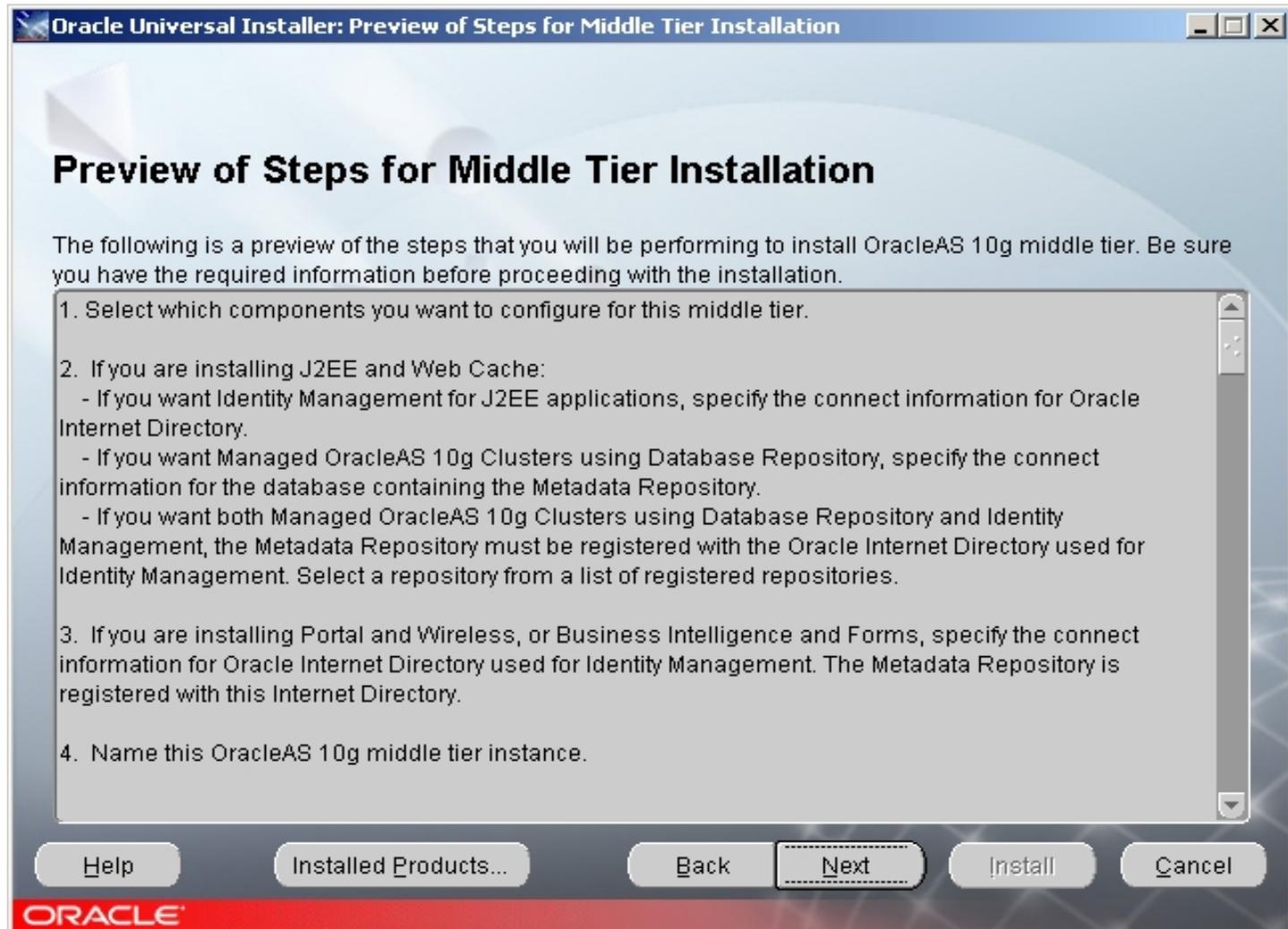
Help Installed Products... Back Next Install Cancel

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18j. Что будет устанавливаться, если мы выберем Business Intelligence и Forms тип инсталляции? (Тот же экран).



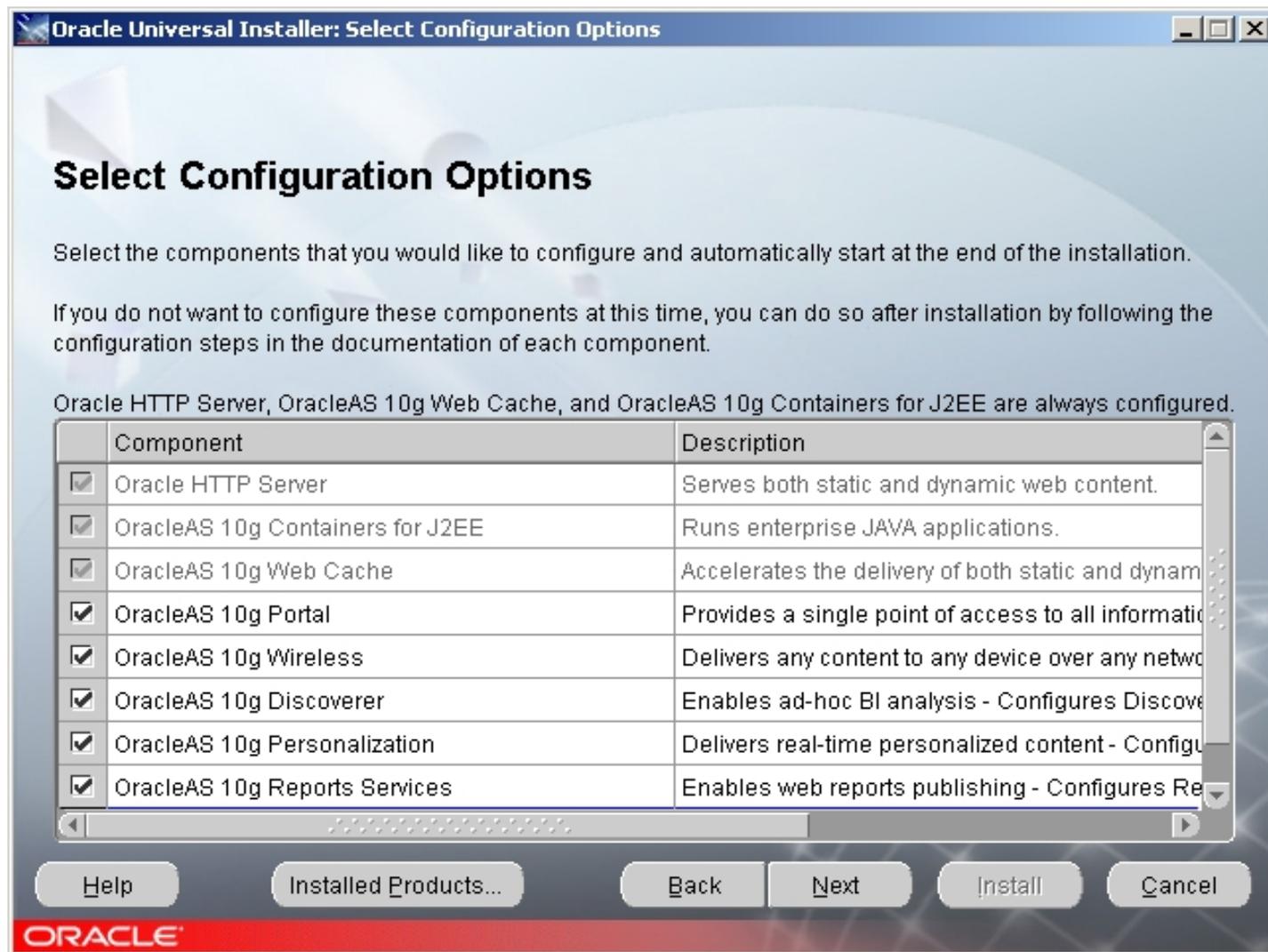
19. Выбор сделан (BI and F). Мы попадаем на следующий экран с описанием, что же мы должны будем сделать дальше по ходу инсталляции.



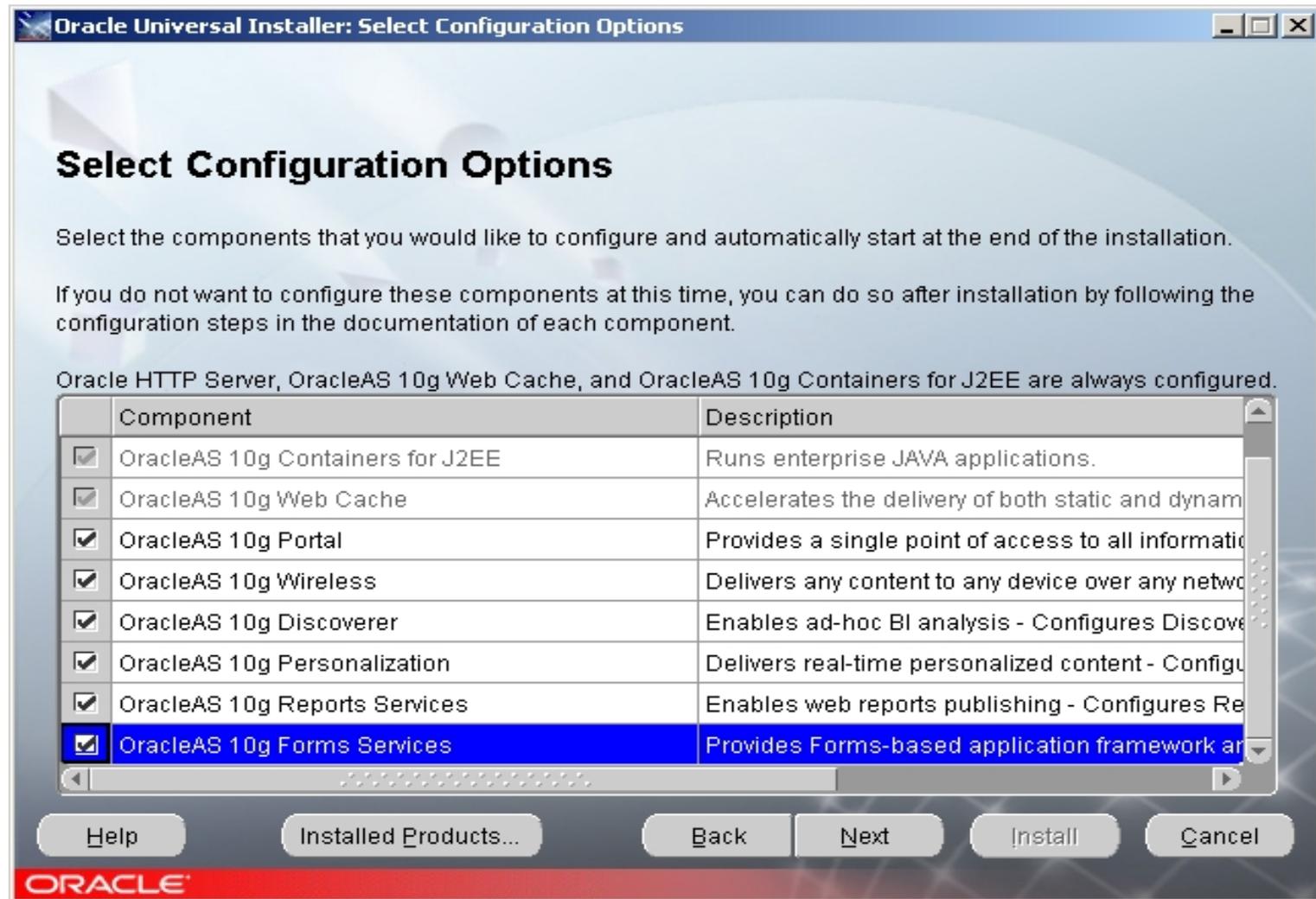
19a. Читаем внимательней, что же мы будем делать, и жмем кнопку “Next”.

- 1. Select which components you want to configure for this middle tier.**
- 2. If you are installing J2EE and Web Cache:**
 - If you want Identity Management for J2EE applications, specify the connect information for Oracle Internet Directory.**
 - If you want Managed OracleAS 10g Clusters using Database Repository, specify the connect information for the database containing the Metadata Repository.**
 - If you want both Managed OracleAS 10g Clusters using Database Repository and Identity Management, the Metadata Repository must be registered with the Oracle Internet Directory used for Identity Management. Select a repository from a list of registered repositories.**
- 3. If you are installing Portal and Wireless, or Business Intelligence and Forms, specify the connect information for Oracle Internet Directory used for Identity Management. The Metadata Repository is registered with this Internet Directory.**
- 4. Name this OracleAS 10g middle tier instance.**

20. Три компонента нам даются по умолчанию (отказаться нельзя), остальное мы вправе выбирать.



21. Здесь предыдущий экран, но показан нижний, прежде невидимый, компонент “OracleAS 10g Forms Services”. Делаем необходимый выбор и продолжаем инсталляцию.



22. Необходимо зарегистрироваться с существующей Oracle Internet Directory, включающей пользователей, группы, и др., а также специфические правила управления идентификацией объектов в этой области.

Oracle Universal Installer: Register with Oracle Internet Directory

Register with Oracle Internet Directory

To register this instance of OracleAS 10g with an existing Oracle Internet Directory, enter the hostname and port where Oracle Internet Directory is located.

Host:

Port:

Use only SSL connections with this Oracle Internet Directory

By default, some components connect to Oracle Internet Directory using non-SSL connections. Select this option to restrict all Oracle Internet Directory connections to be SSL connections.

Help Installed Products... Back Next Install Cancel

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23. Вводим информацию для логина в OID. Данный пользователь обязан быть SuperUser'ом (Администратором) для OID.

Specify Login for Oracle Internet Directory

Enter your username and password to connect/login to the Oracle Internet Directory at the hostname and port scias.ru.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.

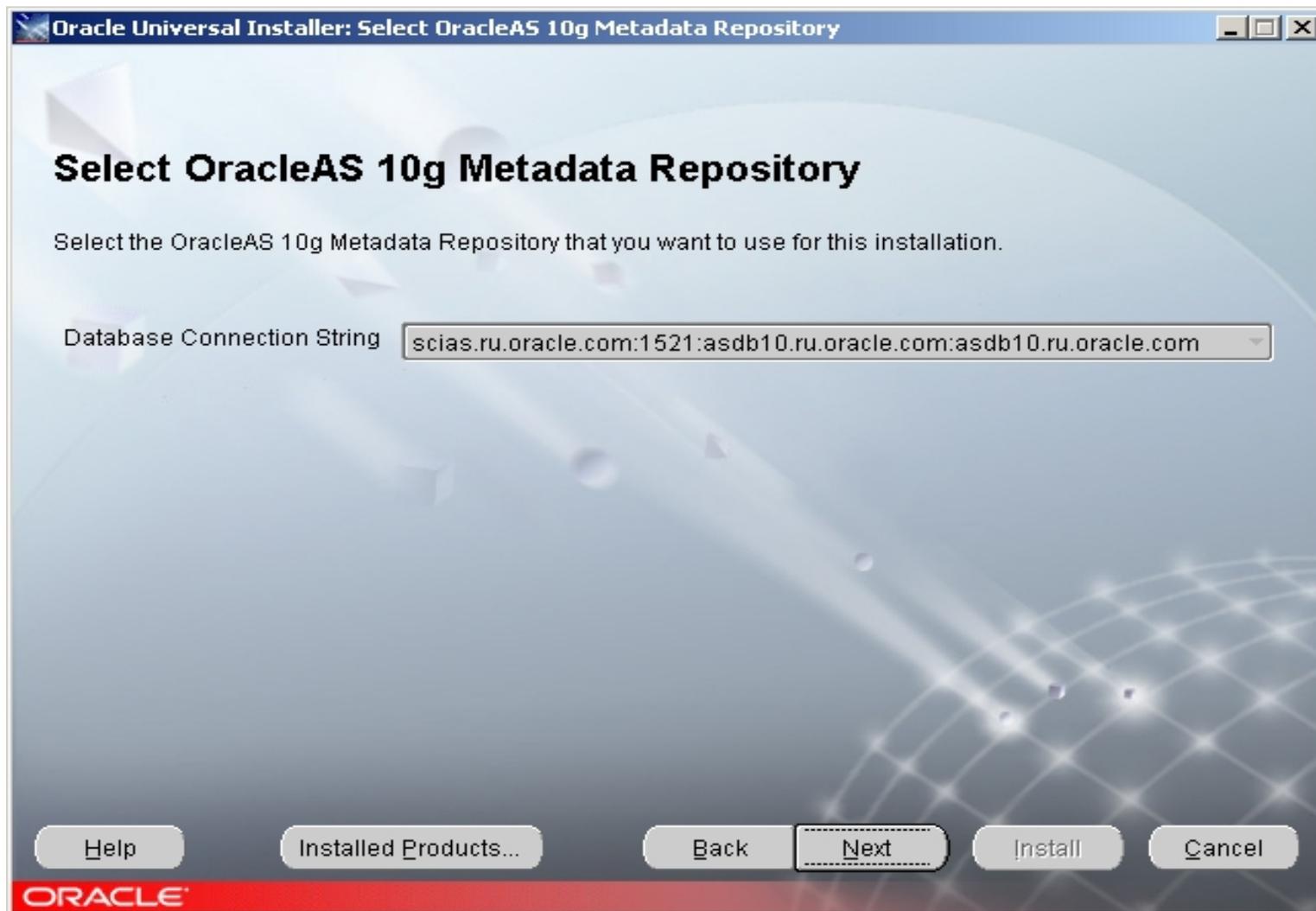
Username:

Password:

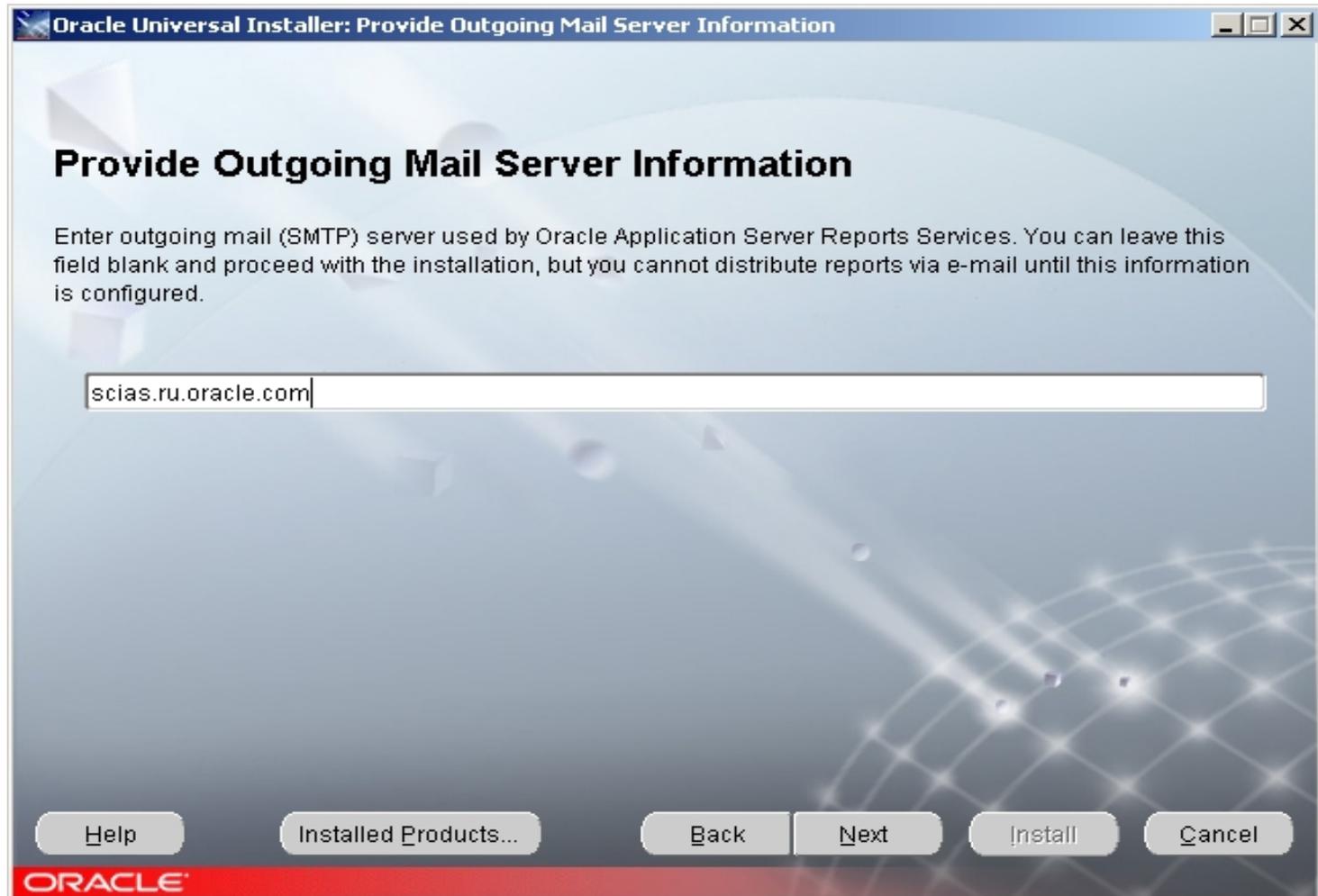
Help Installed Products... Back Next Install Cancel

ORACLE

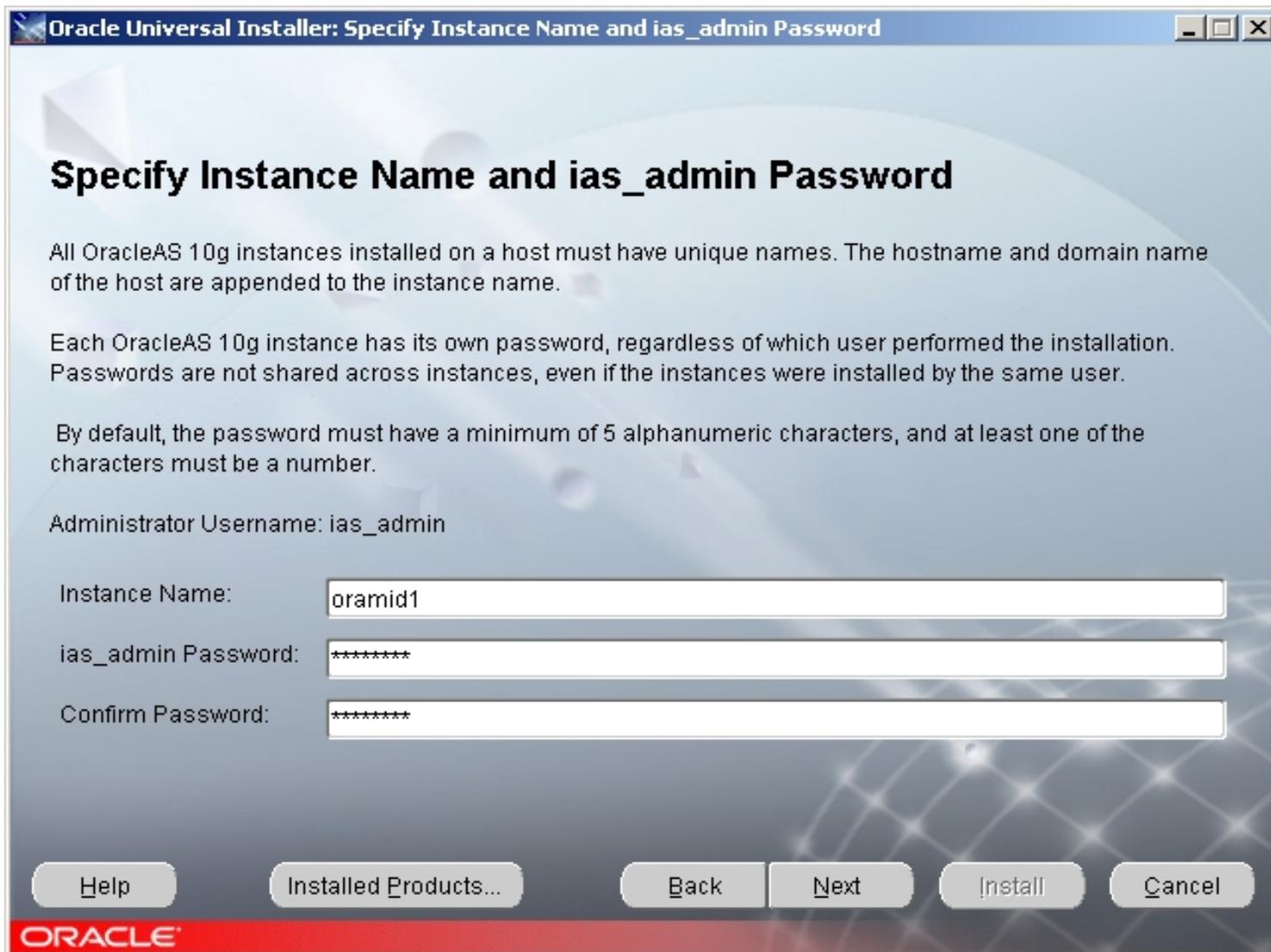
24. Если Вы успешно получили этот экран – это значит, что Вы можете использовать данную инфраструктуру для целей инсталляции промежуточного слоя. Информация получена из OID.



25. Введите Domain Name сервера для Send Mail Transfer Protocol. Это отразится в конфигурации Oracle Reports. Если Вы введете информацию неверно – это можно будет исправить после инсталляции.



30. Выбираем уникальное имя инстанса для нашего Middle Tier, и очень важный пароль.



The screenshot shows a window titled "Oracle Universal Installer: Specify Instance Name and ias_admin Password". The window contains the following text and form fields:

Specify Instance Name and ias_admin Password

All OracleAS 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 OracleAS 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.

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

Administrator Username: ias_admin

Instance Name:

ias_admin Password:

Confirm Password:

Buttons: Help, Installed Products..., Back, Next, Install, Cancel

ORACLE

30. Изменяется состояние в Inventory.

Oracle Universal Installer: Specify Instance Name and ias_admin Password

Processing OracleAS Web Cache 9.0.4.0.0

86%

Specify Instance Name and ias_admin Password

All OracleAS 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 OracleAS 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.

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

Administrator Username: ias_admin

Instance Name:

ias_admin Password:

Confirm Password:

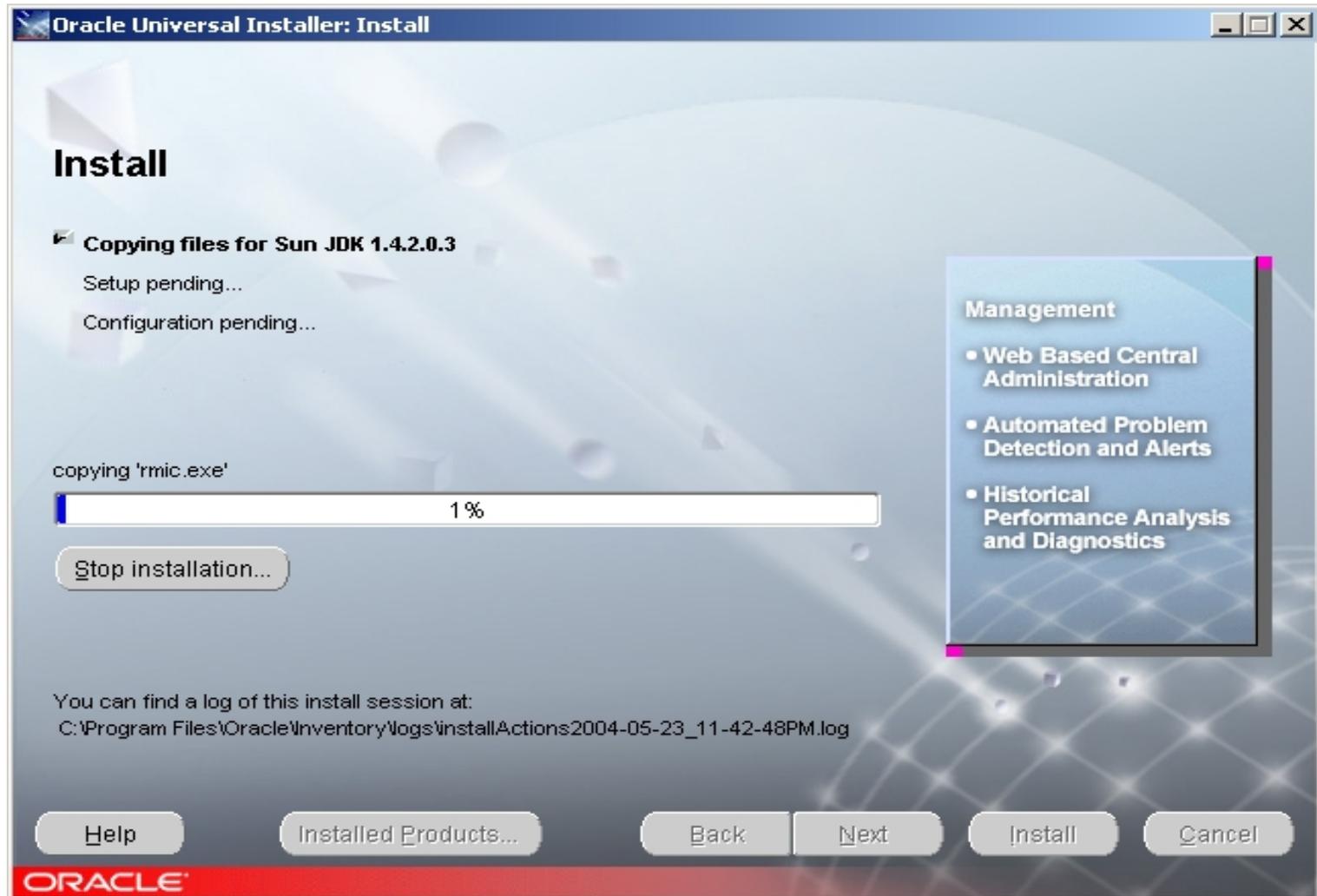
Help Installed Products... Back Next Install Cancel

ORACLE

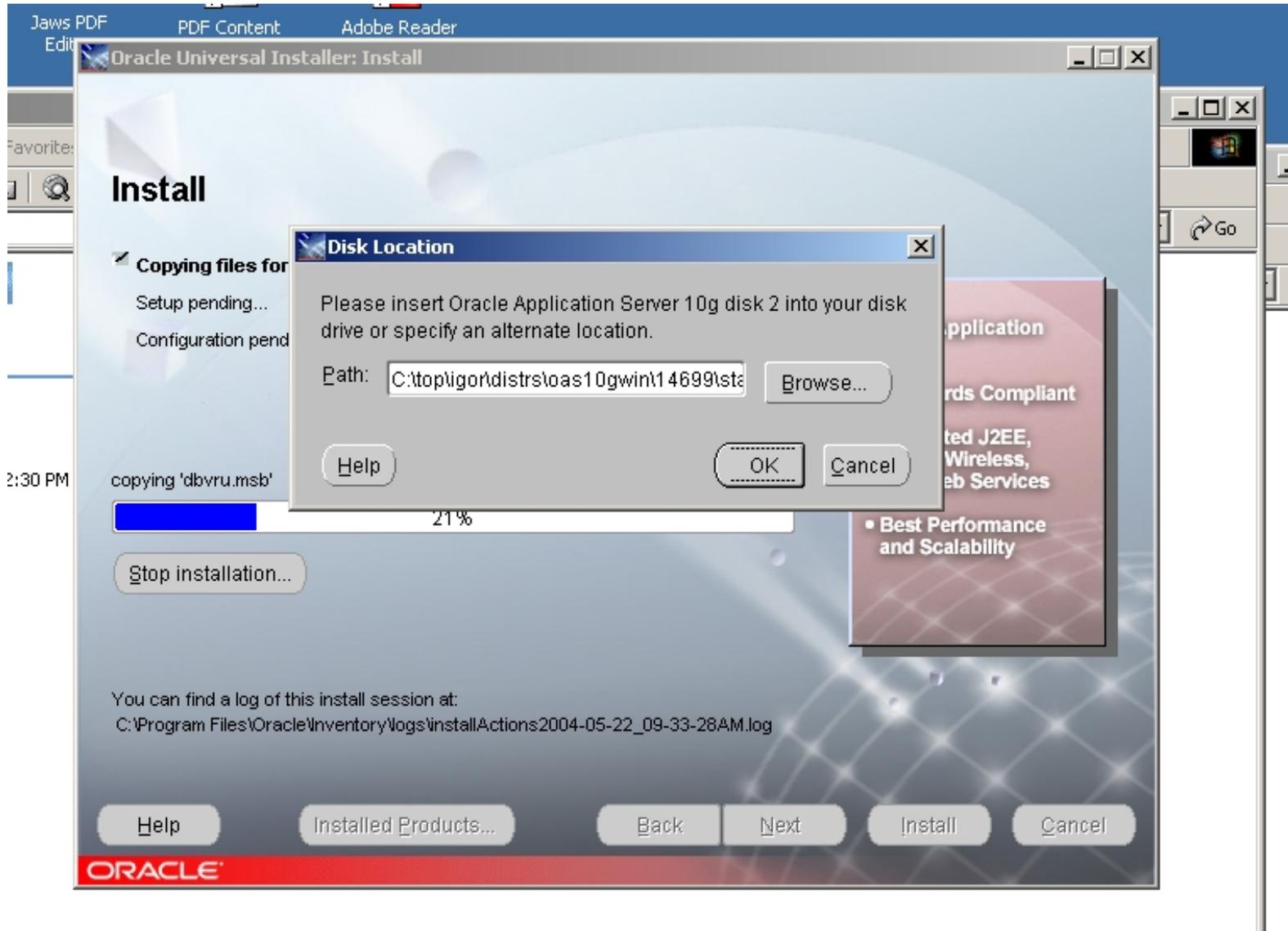
31. OUI получил всю необходимую информацию, и просит Вас нажать кнопку “Install”.



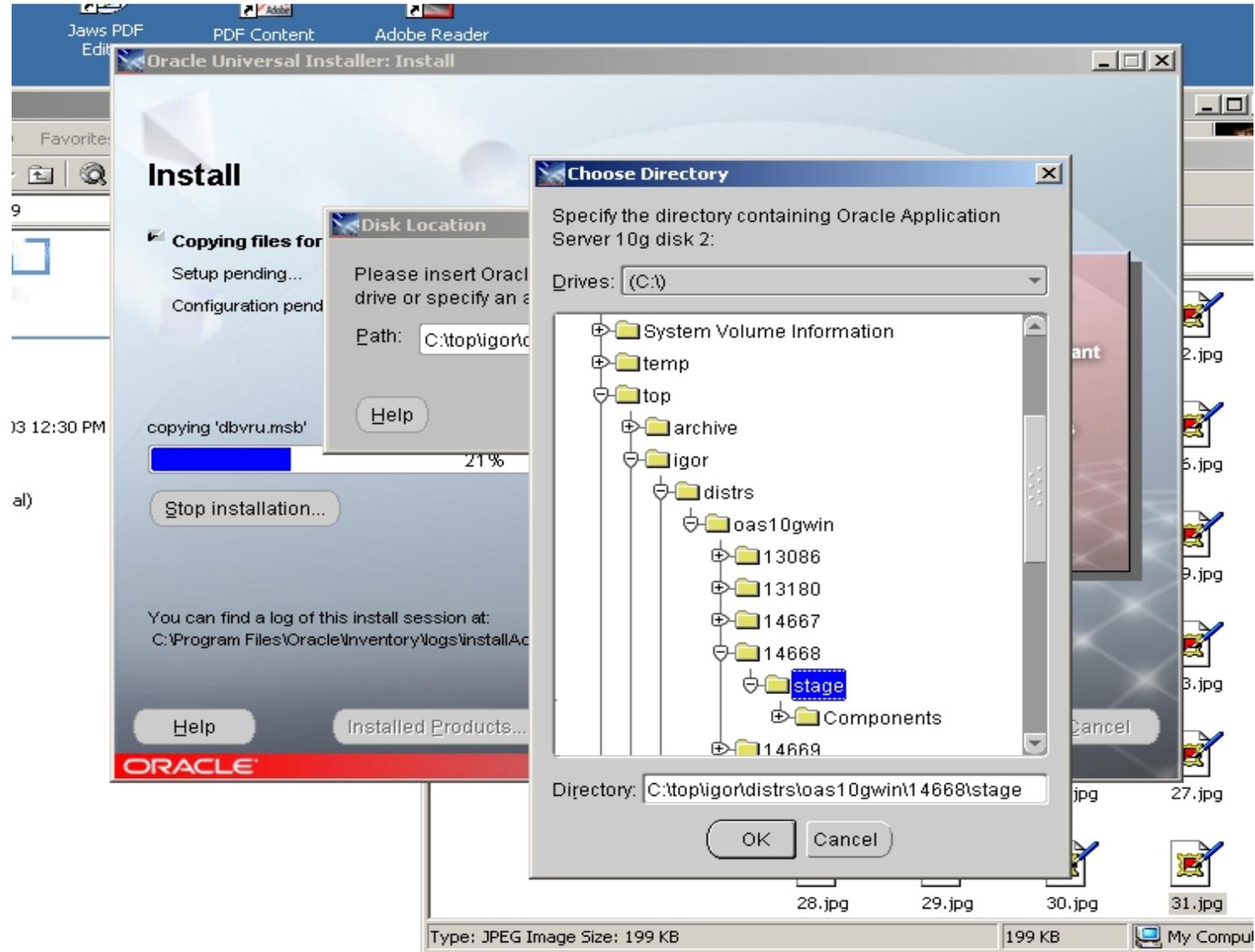
32. Oracle Universal Installer начал свою главную работу по так называемой трех-уровневой схеме (копирование, линкование, ассистенты). Ждите, и можете отслеживать log-файл: tail или FAR.



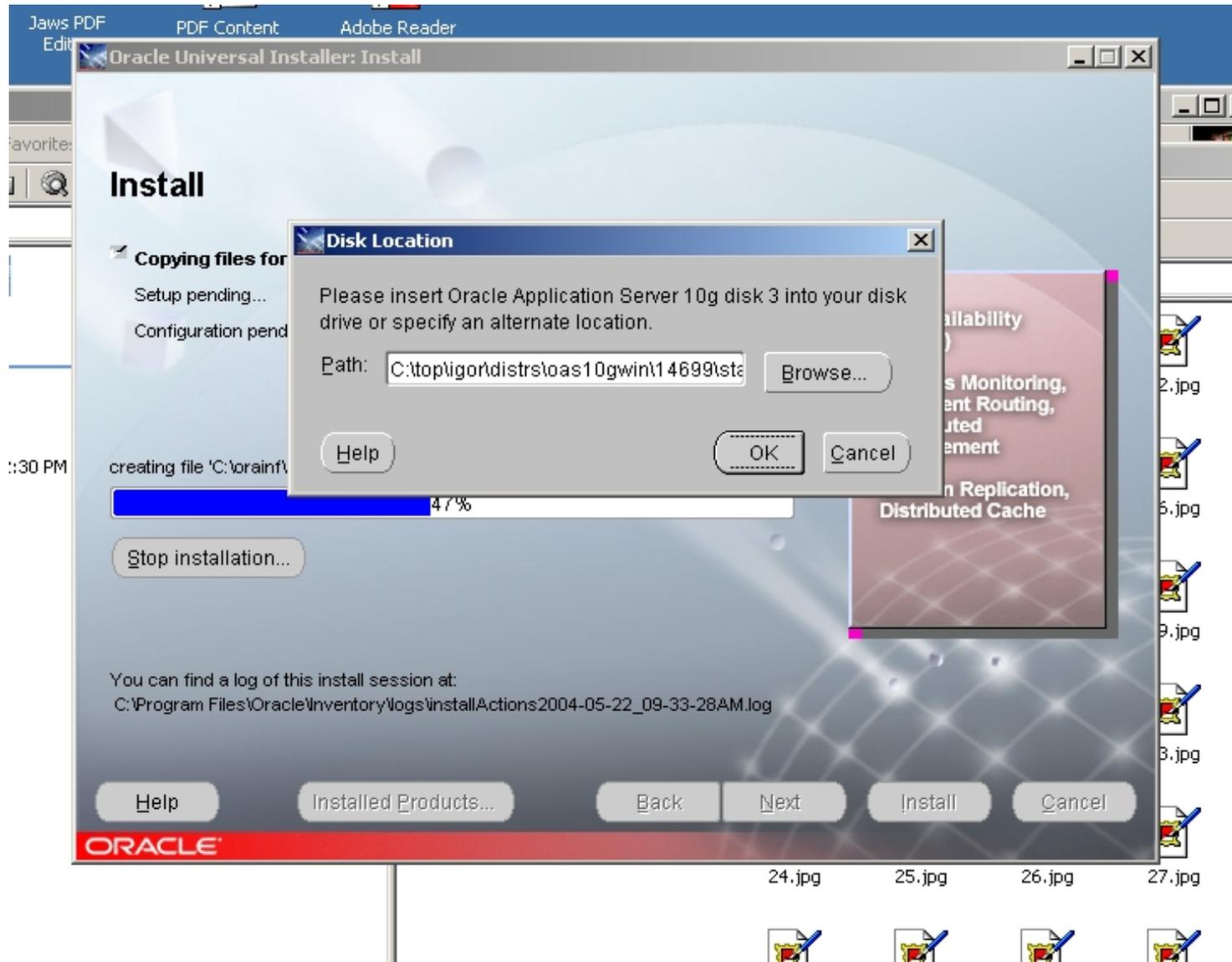
33. OUI: “Я не знаю где находится второй диск”. Помочь можете двумя способами.



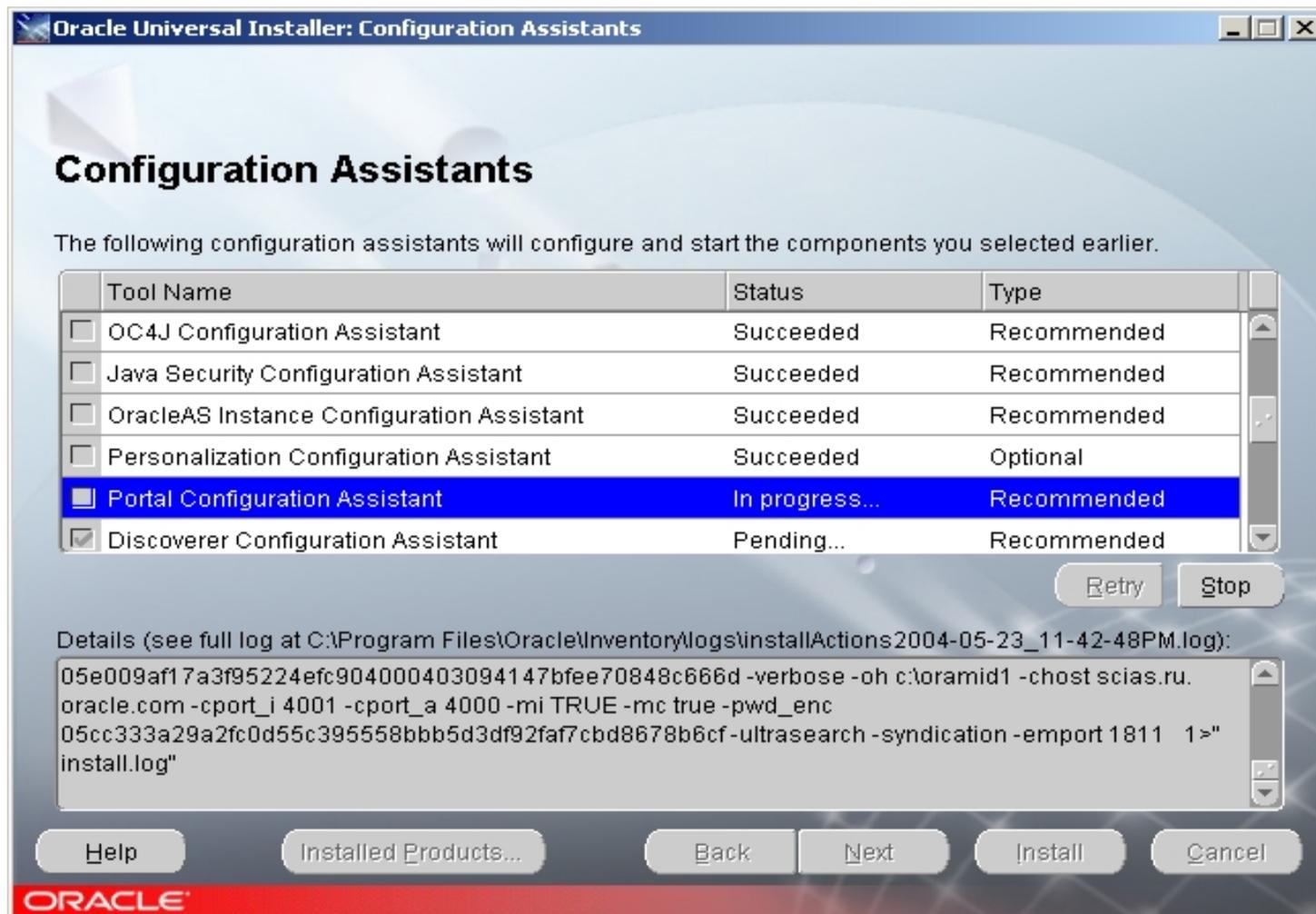
34. Второй способ помощи через "Browse".



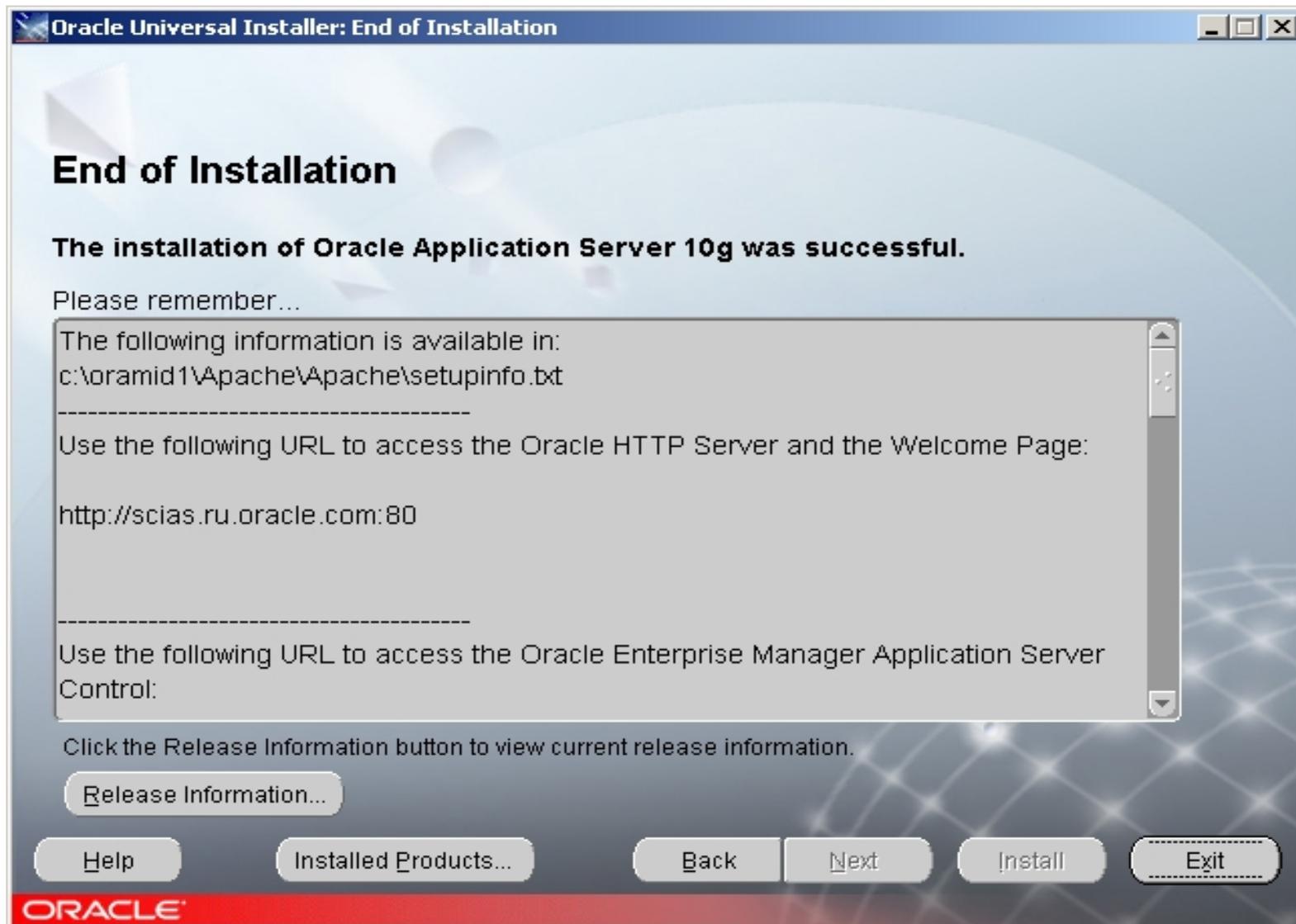
35. OUI: “Я не знаю где находится третий диск”. Помочь можете двумя способами.



36. OUI запускает конфигурационные ассистенты, которые он же и рекомендует установить. Если в OAS10g рекомендуемые ассистенты получают статус “Failed” – виноваты или Ваша аппаратная платформа (check Hardware Requirements), или операционная система (check Certification table), или Вы – ПОТОМУ ЧТО **ВЫ** НЕ ПРОВЕРИЛИ ТРЕБОВАНИЯ К ПЕРВОМУ И ВТОРОМУ.



40. Поздравления. OUI считает, что программное обеспечение для инстанса среднего слоя OAS 10g установилось не плохо.



40а. Почитаем внимательней что нам написали, и **запомним это, как нас вежливо попросили... А потом нажмем кнопку “Release Information”, как нам и предлагают.**

The following information is available in:

c:\loramid1\Apache\Apache\setupinfo.txt

Use the following URL to access the Oracle HTTP Server and the Welcome Page:

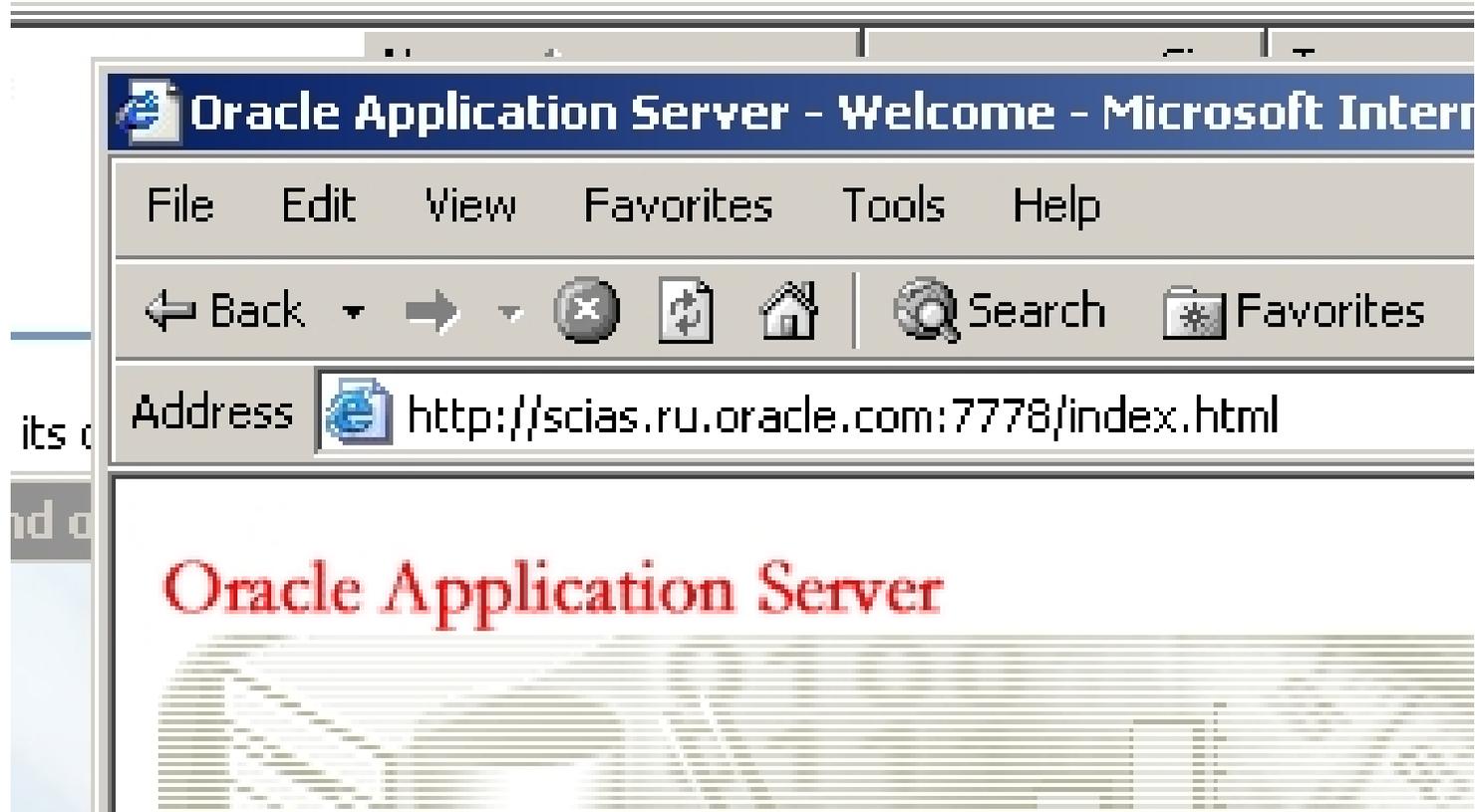
<http://scias.ru.oracle.com:80>

Use the following URL to access the Oracle Enterprise Manager Application Server Control:

<http://scias.ru.oracle.com:1811>

41. Вместо “Release information” мы кажется получили целый Application Server, но почему то попали на неуказанный порт. Последние Release Notes нам предлагают почитать на Oracle Technology Network. Ok.

1



41a. Вместо “Release information” мы кажется получили целый Application Server, но почему то попали на неуказанный порт (Объяснить). Последние Release Notes нам предлагают почитать на Oracle Technology Network. Ок.

Oracle Application Server - Welcome - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://scias.ru.oracle.com:7778/index.html>

Oracle Application Server

Welcome Demonstrations New Features

Welcome

to Oracle Application Server

Overview



Oracle Application Server 10g is an integrated, standards-based software platform that allows organizations of all sizes to be more responsive to changing business requirements.

It provides all the middleware services you need to deploy and manage applications and Web services, deliver personalized applications through enterprise portals and mobile devices, provide real-time business intelligence, integrate applications, and automate business processes. It is optimized to take full advantage of cluster computing and enterprise grid deployment architectures.

Documentation

The Oracle Application Server documentation set consists of the documentation library and the platform-specific documentation.

- The Oracle Application Server documentation library contains administration, configuration, and development documentation. The documentation library is on its own CD-ROM in the Oracle Application Server CD pack.
- The Oracle Application Server platform-specific documentation includes installation and upgrade documentation and release notes. The platform-specific documentation is on the Oracle Application Server Disk 1 CD-ROM in the Oracle Application Server CD pack.

The Oracle Application Server documentation is also available from Oracle Technology Network at

Release Notes

[Read the latest Release Notes](#) on Oracle Technology Network for important information about Oracle Application Server 10g.

Oracle Enterprise Manager Application Server Control

[Log on to Oracle Enterprise Manager Application Server Control](#) using the `ias_admin` username and password to manage and monitor Oracle Application Server.

New Features

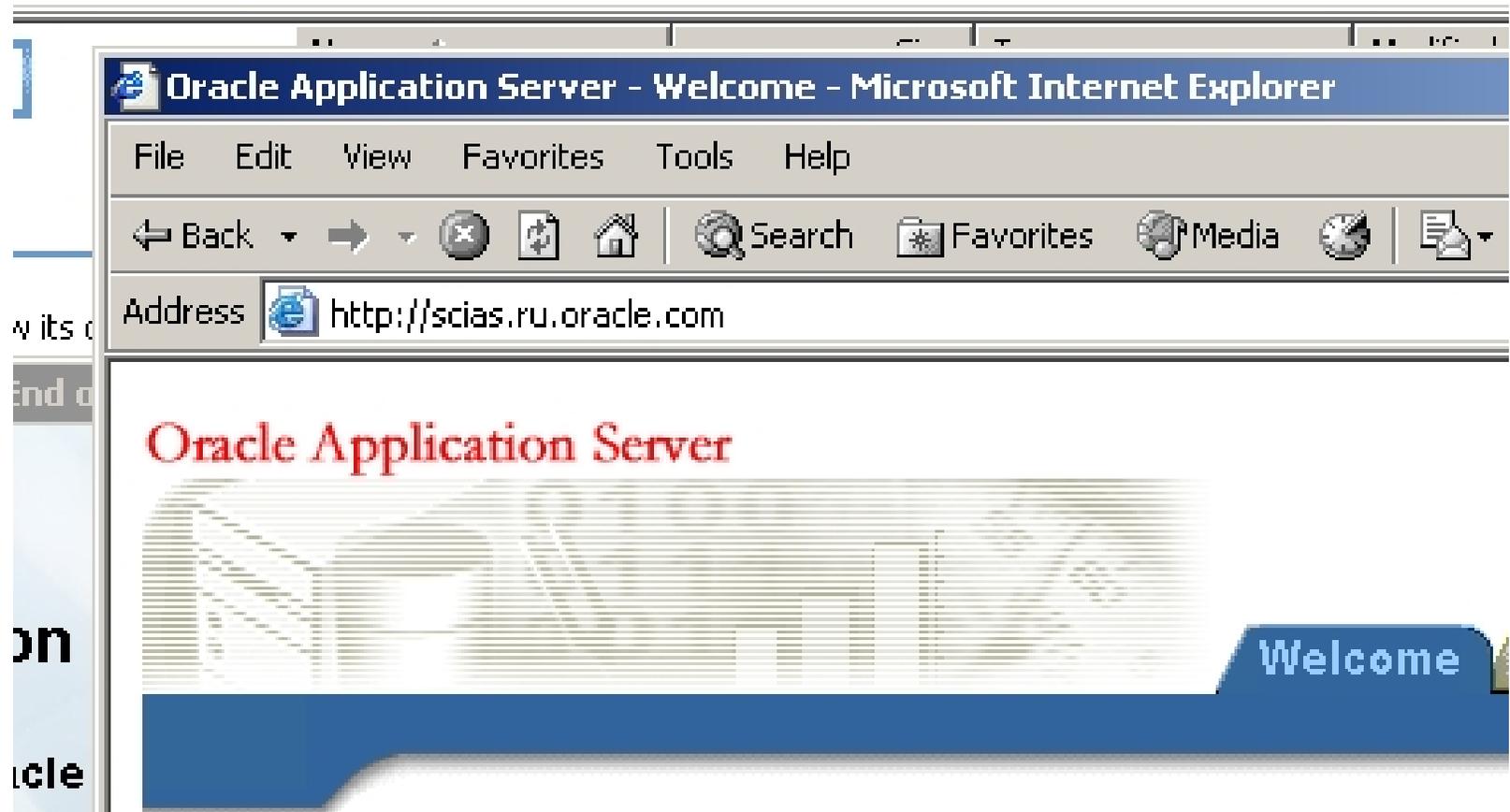
- [J2EE, Web Services and Internet Applications](#)
- [Portal](#)
- [Wireless](#)
- [Caching](#)
- [Business Intelligence](#)
- [E-Business Integration](#)
- [Systems Management](#)
- [Identity Management](#)
- [High Availability](#)

For details, visit Oracle Technology

Done Trusted sites

41b. Все-таки попробуем сходить на URL, который нам предлагали

in



w its c

End o

on

icle

41с. Все-таки попробуем сходить на URL, который нам предлагали. Все очень похоже. Это просто WebCache.

Oracle Application Server - Welcome - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://scias.ru.oracle.com>

Oracle Application Server

Welcome Demonstrations New Features

Welcome

to Oracle Application Server

Overview



Oracle Application Server 10g is an integrated, standards-based software platform that allows organizations of all sizes to be more responsive to changing business requirements.

It provides all the middleware services you need to deploy and manage applications and Web services, deliver personalized applications through enterprise portals and mobile devices, provide real-time business intelligence, integrate applications, and automate business processes. It is optimized to take full advantage of cluster computing and enterprise grid deployment architectures.

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The Oracle Application Server documentation is also available from Oracle Technology Network.

Release Notes

Read the latest [Release Notes](#) on Oracle Technology Network for important information about Oracle Application Server 10g.

Oracle Enterprise Manager Application Server Control

[Log on to Oracle Enterprise Manager Application Server Control](#) using the `ias_admin` username and password to manage and monitor Oracle Application Server.

New Features

- [J2EE, Web Services and Internet Applications](#)
- [Portal](#)
- [Wireless](#)
- [Caching](#)
- [Business Intelligence](#)
- [E-Business Integration](#)
- [Systems Management](#)
- [Identity Management](#)
- [High Availability](#)

For details, visit Oracle Technology

Done Trusted sites

41d. Зайдем теперь на Oracle Enterprise Manager Application Server Control.

Oracle Enterprise Manager 10g
Application Server Control

Farm
Farm: **asdb10.ru.oracle.com**

Instances can be grouped and managed together by adding standalone instances to a single Infrastructure metadata repository. The collection of instances within a single metadata repository is known as a farm.

Clusters

[Create Cluster](#)

Select	Name	Status	Instances
	There are no clusters in the farm.		

Standalone Instances

These instances belong to the farm but are not part of any cluster.

[Join Cluster](#)

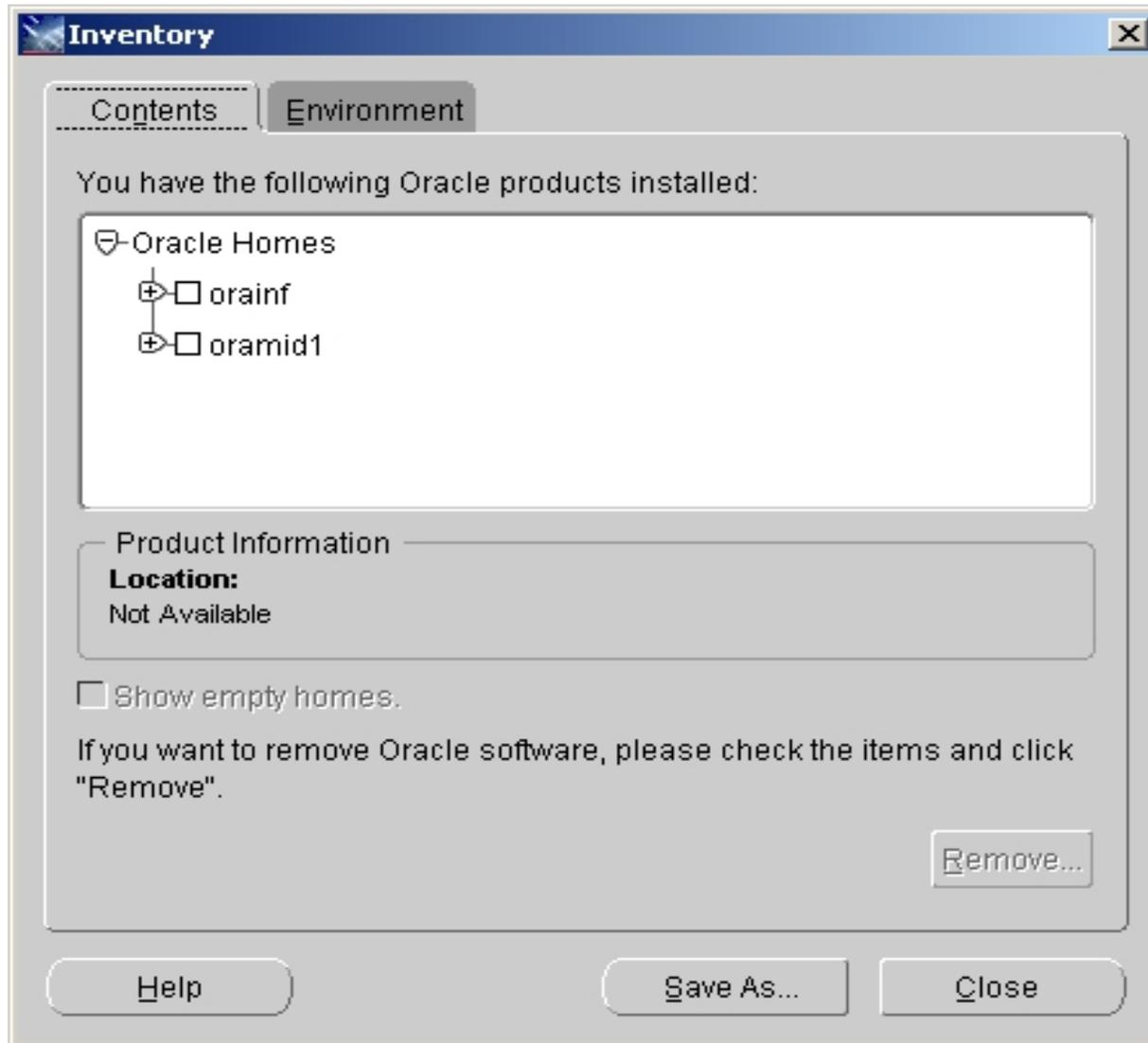
Select	Name	Host	Oracle Home
<input checked="" type="radio"/>	orainf.scias.ru.oracle.com	scias.ru.oracle.com	C:\orainf
<input type="radio"/>	oramid1.scias.ru.oracle.com	scias.ru.oracle.com	c:\oramid1

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

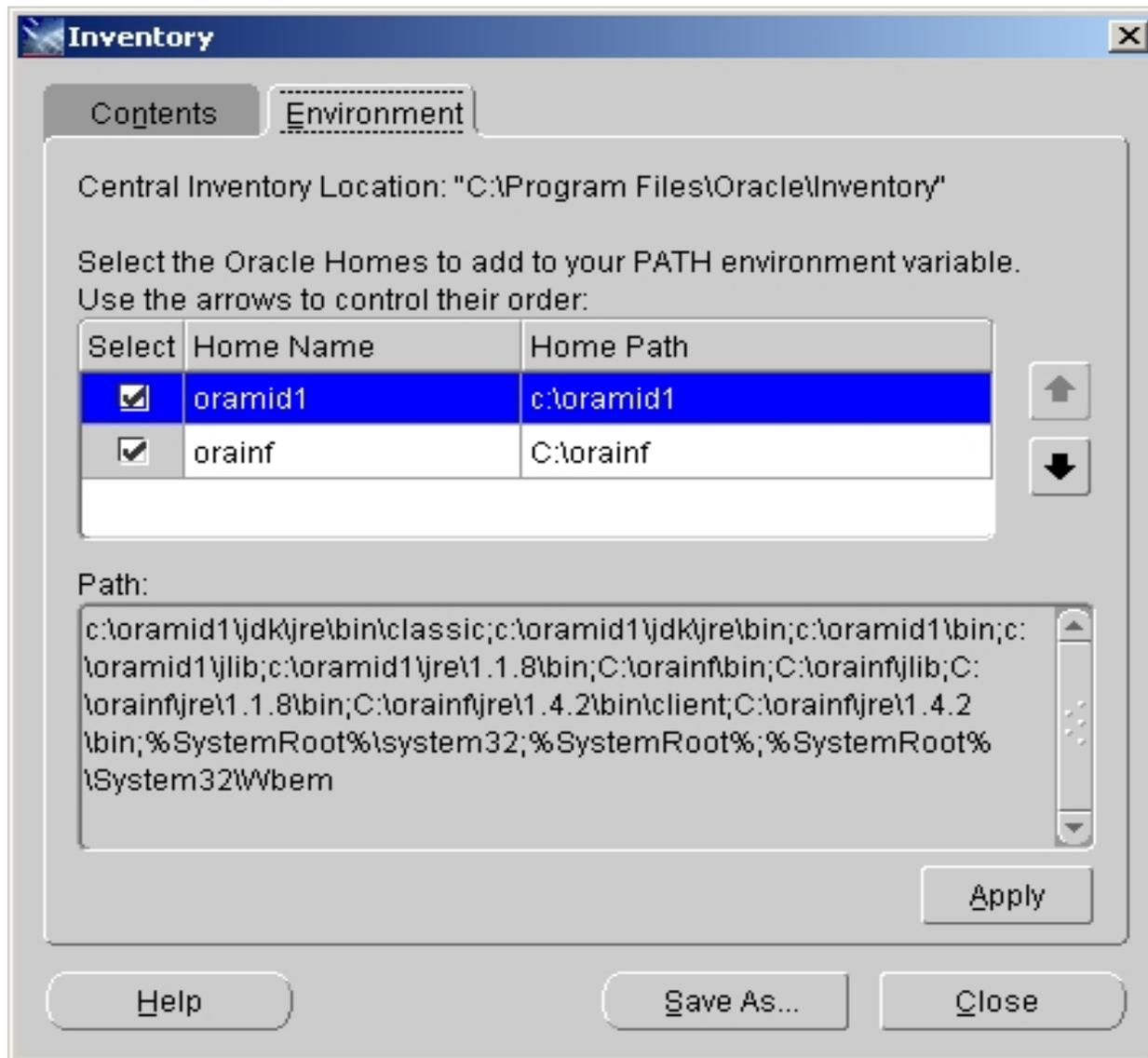
Copyright © 1996, 2004, Oracle. All rights reserved.
[About Oracle Enterprise Manager 10g Application Server Control](#)

Trusted sites

43. Вернемся в OUI. Нажмем кнопку “Installed Products”. Да, кажется, Middle Tier инсталлирован.

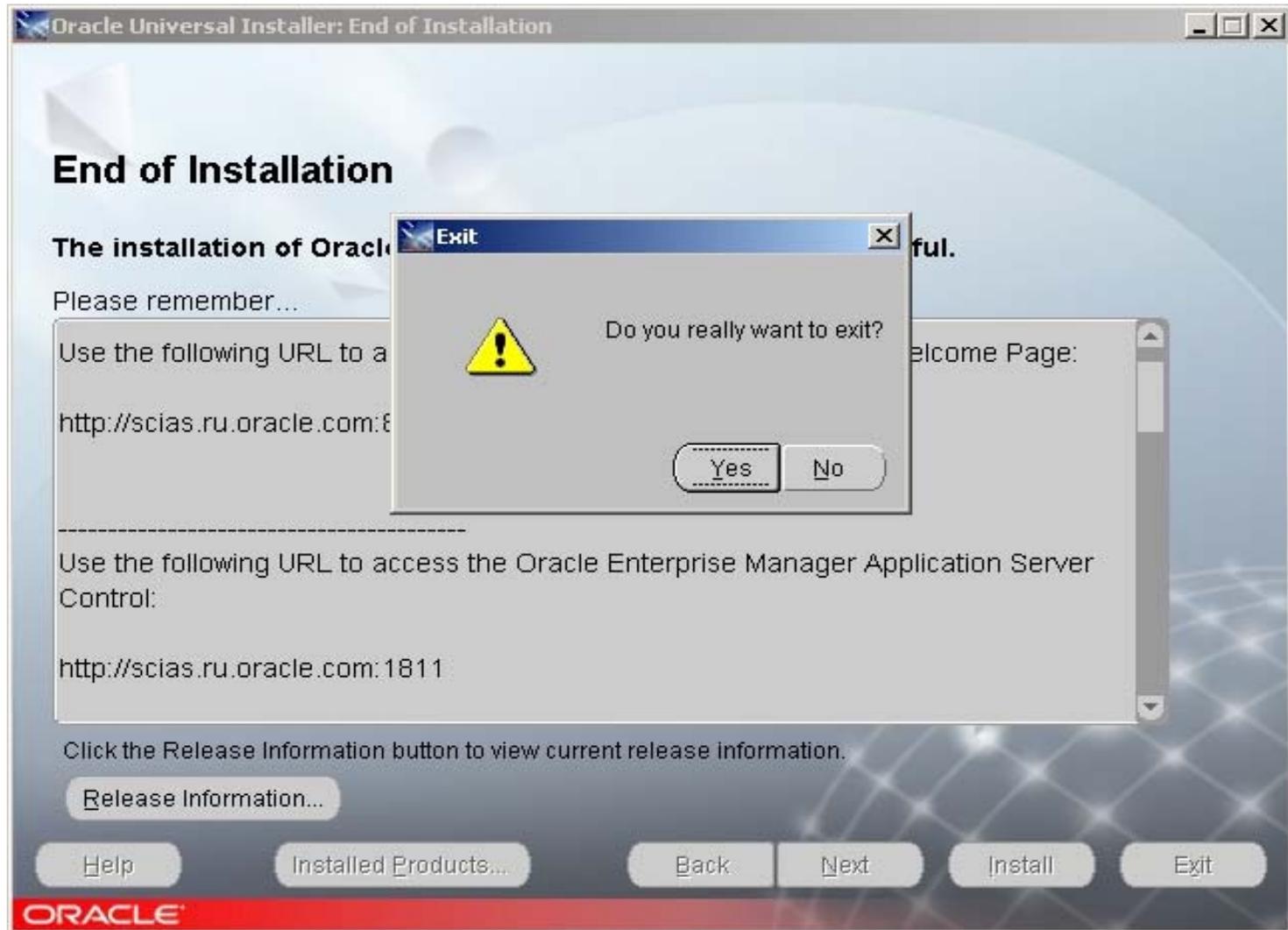


44. Перейдем на другую закладку “Environment”.

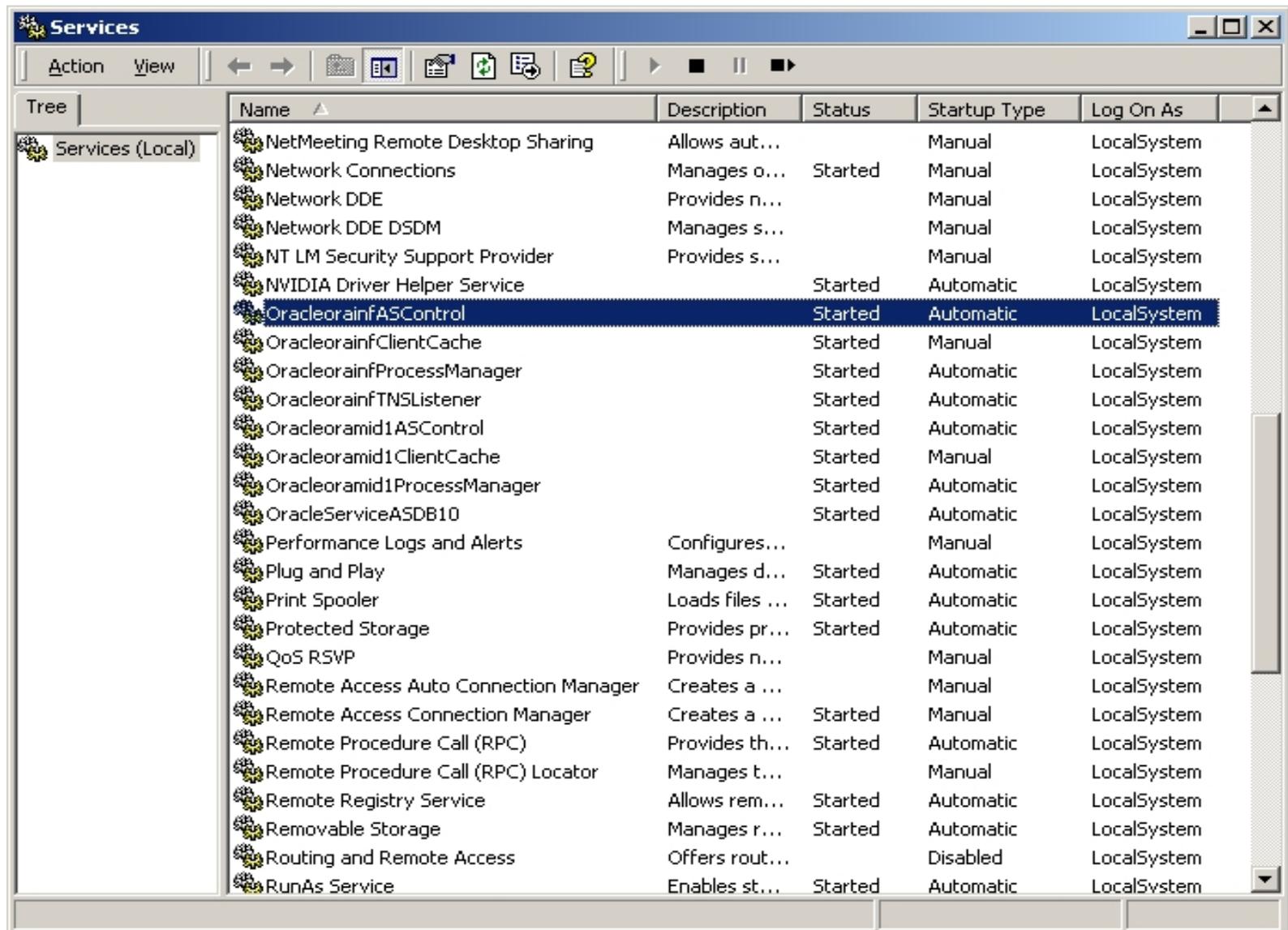


45. Нажали кнопку “Exit”.

На всплывающем окне подтвердили наше решение.



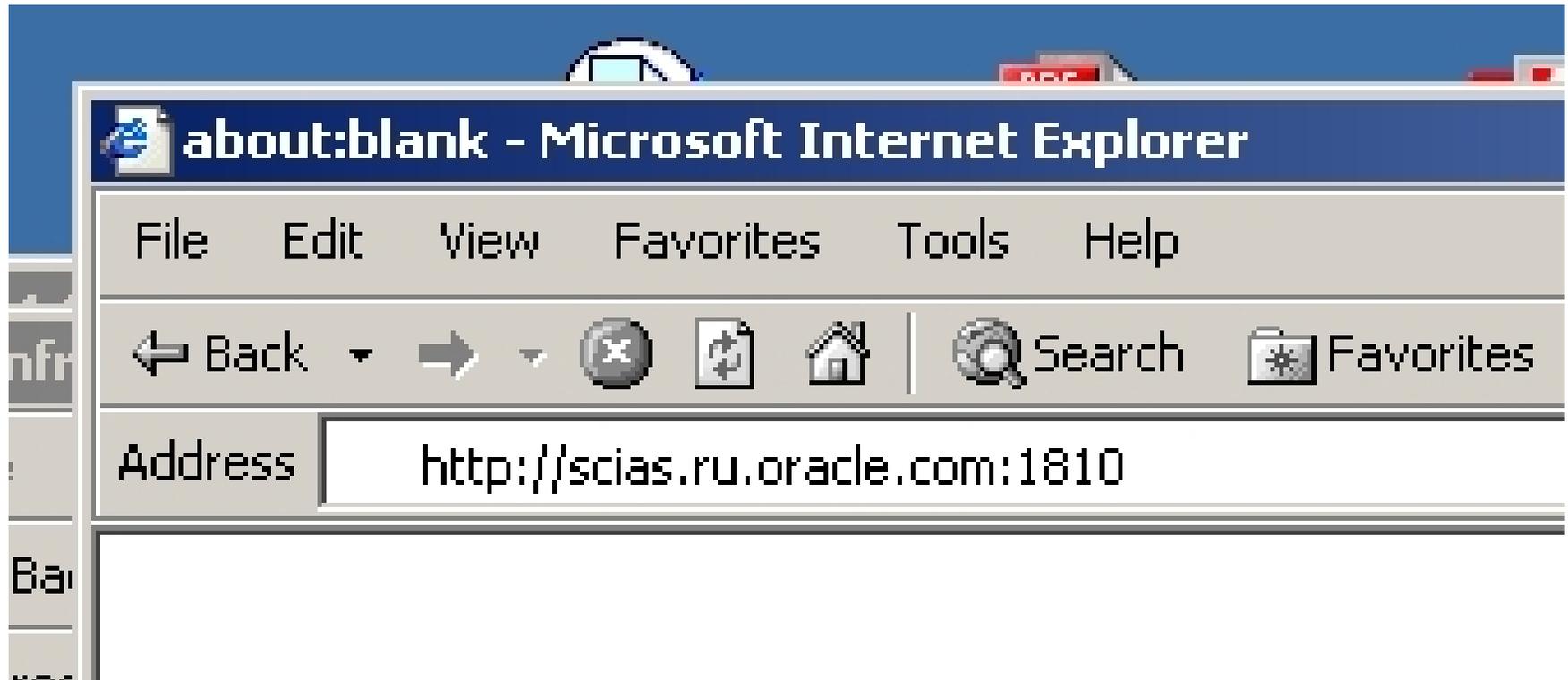
45a. Инсталляция закончена, посмотрим какие новые сервисы появились в системе.



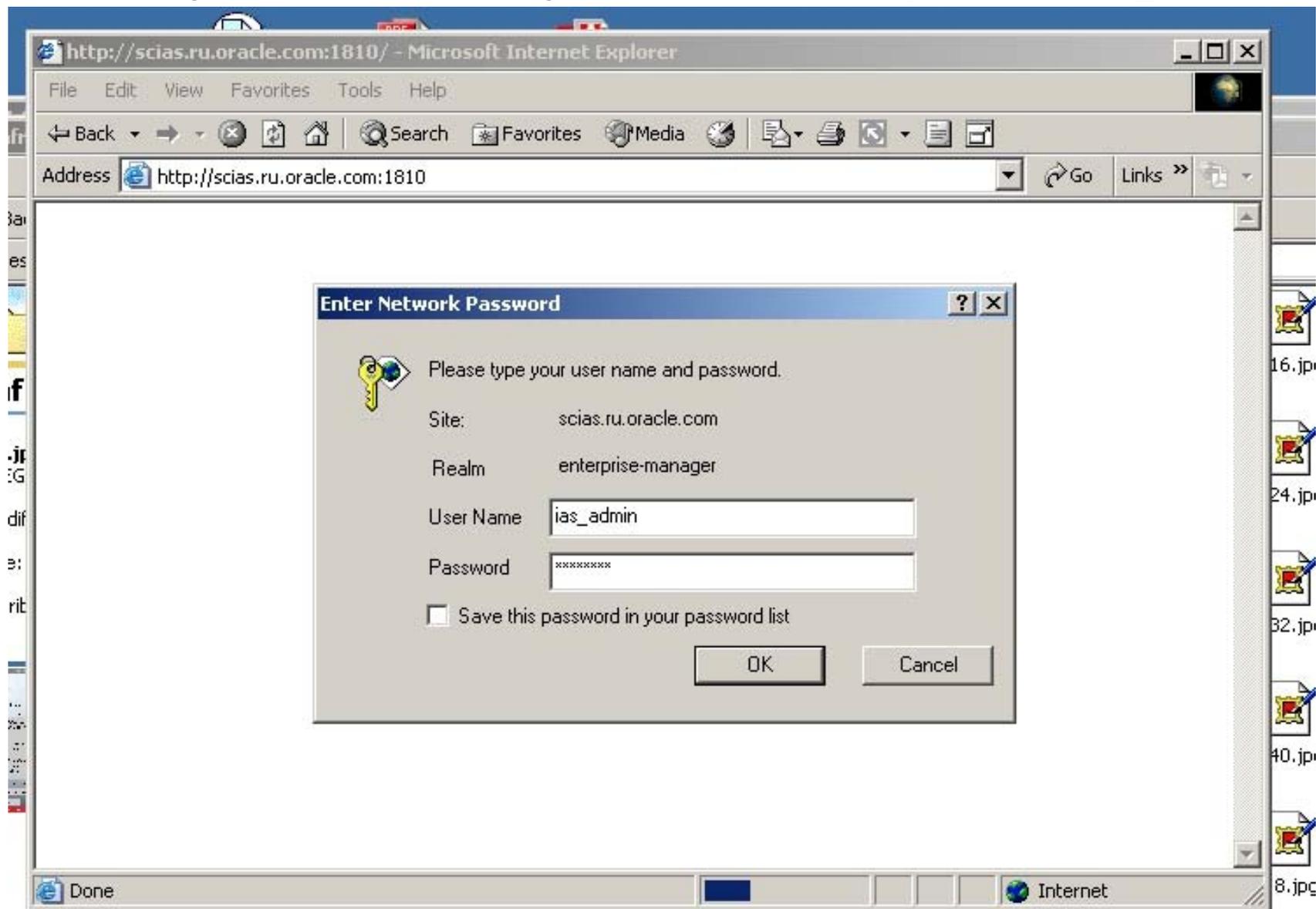
The screenshot shows the Windows Services console window. The title bar reads 'Services'. The window contains a tree view on the left showing 'Services (Local)' and a main table of services. The service 'OracleoraifASControl' is selected and highlighted in blue. The table columns are Name, Description, Status, Startup Type, and Log On As.

Name	Description	Status	Startup Type	Log On As
NetMeeting Remote Desktop Sharing	Allows aut...		Manual	LocalSystem
Network Connections	Manages o...	Started	Manual	LocalSystem
Network DDE	Provides n...		Manual	LocalSystem
Network DDE DSDM	Manages s...		Manual	LocalSystem
NT LM Security Support Provider	Provides s...		Manual	LocalSystem
NVIDIA Driver Helper Service		Started	Automatic	LocalSystem
OracleoraifASControl		Started	Automatic	LocalSystem
OracleoraifClientCache		Started	Manual	LocalSystem
OracleoraifProcessManager		Started	Automatic	LocalSystem
OracleoraifTNSListener		Started	Automatic	LocalSystem
Oracleoramid1ASControl		Started	Automatic	LocalSystem
Oracleoramid1ClientCache		Started	Manual	LocalSystem
Oracleoramid1ProcessManager		Started	Automatic	LocalSystem
OracleServiceASDB10		Started	Automatic	LocalSystem
Performance Logs and Alerts	Configures...		Manual	LocalSystem
Plug and Play	Manages d...	Started	Automatic	LocalSystem
Print Spooler	Loads files ...	Started	Automatic	LocalSystem
Protected Storage	Provides pr...	Started	Automatic	LocalSystem
QoS RSVP	Provides n...		Manual	LocalSystem
Remote Access Auto Connection Manager	Creates a ...		Manual	LocalSystem
Remote Access Connection Manager	Creates a ...	Started	Manual	LocalSystem
Remote Procedure Call (RPC)	Provides th...	Started	Automatic	LocalSystem
Remote Procedure Call (RPC) Locator	Manages t...		Manual	LocalSystem
Remote Registry Service	Allows rem...	Started	Automatic	LocalSystem
Removable Storage	Manages r...	Started	Automatic	LocalSystem
Routing and Remote Access	Offers rout...		Disabled	LocalSystem
RunAs Service	Enables st...	Started	Automatic	LocalSystem

46. Инсталляция закончена, теперь надо проверить работоспособность инфраструктуры, среднего слоя и их компонентов. Кажется, нам вежливо предлагали запомнить этот линк еще при инсталляции инфраструктуры. Но мы можем теперь воспользоваться и новым: <http://scias.ru.oracle.com:1811> (...кстати, пароли для ias_admin на Infrastructure и инстансах среднего слоя могут быть разными. На Farm Вы, конечно, попадете, а вот на инфраструктуры и другие инстансы...)



47. Кого угодно здесь не ждут. Но Вы знаете пароль для ias_admin.



48. Видим добавление в нашей Farm.

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control console. The browser title is "Oracle Enterprise Manager - Farm: asdb10.ru.oracle.com - Microsoft Internet Explorer". The address bar shows the URL: "http://scias.ru.oracle.com:1810/emd/console/ias/clusters/farm\$farm=orainf.scias.ru.oracle.com".

The page title is "ORACLE Enterprise Manager 10g Application Server Control". There are links for "Preferences" and "Help".

The main content area is titled "Farm" and "Farm: asdb10.ru.oracle.com". It contains the following text:

Instances can be grouped and managed together by adding standalone instances to a single Infrastructure metadata repository. The collection of instances within a single metadata repository is known as a farm.

Clusters

There is a "Create Cluster" button. Below it is a table with columns "Select", "Name", "Status", and "Instances". The table content is:

Select	Name	Status	Instances
	There are no clusters in the farm.		

Standalone Instances

These instances belong to the farm but are not part of any cluster.

There is a "Join Cluster" button. Below it is a table with columns "Select", "Name", "Host", and "Oracle Home". The table content is:

Select	Name	Host	Oracle Home
<input checked="" type="radio"/>	orainf.scias.ru.oracle.com	scias.ru.oracle.com	C:\orainf
<input type="radio"/>	oramid1.scias.ru.oracle.com	scias.ru.oracle.com	c:\oramid1

At the bottom of the page, there are links for "Preferences" and "Help".

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[About Oracle Enterprise Manager 10g Application Server Control](#)

The browser status bar shows "Trusted sites".

49. Проверили, что инфраструктура работает корректно после инсталляции Middle Tier.

ORACLE Enterprise Manager 10g Application Server Control [Logs](#) [Preferences](#) [Help](#)

Farm > Application Server: orainf.scias.ru.oracle.com

Application Server: orainf.scias.ru.oracle.com

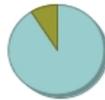
[Home](#) [J2EE Applications](#) [Ports](#) [Infrastructure](#) Page Refreshed May 22, 2004 10:51:57 AM

General



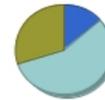
Status Up
Host scias.ru.oracle.com
Installation Type Infrastructure
Oracle Home C:\orainf
Farm asdb10.ru.oracle.com

CPU Usage



Application Server (0%)
 Idle (91%)
 Other (9%)

Memory Usage



Application Server (14% 278MB)
 Free (56% 1,146MB)
 Other (30% 622MB)

System Components

Select All | Select None

Select	Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
<input type="checkbox"/>	HTTP_Server	↑	May 22, 2004 10:37:18 AM	0.03	35.30
<input type="checkbox"/>	OC4J_SECURITY	↑	May 22, 2004 10:37:21 AM	0.25	36.23
<input type="checkbox"/>	oca	↑	May 22, 2004 10:37:35 AM	0.00	32.46
<input type="checkbox"/>	OID	↑	May 22, 2004 10:29:46 AM	0.00	9.86
<input type="checkbox"/>	Single Sign-On_orasso	↑	N/A	N/A	N/A
<input type="checkbox"/>	Management	↑	May 22, 2004 10:37:47 AM	0.00	164.27

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](#)

[Home](#) [J2EE Applications](#) [Ports](#) [Infrastructure](#)

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

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 About Oracle Enterprise Manager 10g Application Server Control

49a. Через Farm перешли на инстансе Middle Tier. Ok.

General



Status **Up**
 Host [scias.ru.oracle.com](#)
 Installation Type **Business Intelligence and Forms**
 Oracle Home **c:\oramid1**
 Farm [asdb10.ru.oracle.com](#)

[Stop All](#)

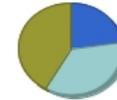
[Restart All](#)

CPU Usage



Application Server (1%)
 Idle (85%)
 Other (14%)

Memory Usage



Application Server (23% 473MB)
 Free (35% 720MB)
 Other (42% 853MB)

System Components

[Enable/Disable Components](#)

[Configure Component](#)

[Create OC4J Instance](#)

[Start](#)

[Stop](#)

[Restart](#)

[Delete OC4J Instance](#)

Select All | Select None

Select	Name	Status	Start Time	CPU Usage (%)	Memory Usage (MB)
<input type="checkbox"/>	Discoverer	↑	May 24, 2004 7:53:24 PM	0.03	6.51
<input checked="" type="checkbox"/>	Forms	↑	May 24, 2004 11:00:01 PM	0.00	0.00
<input type="checkbox"/>	home	↑	May 24, 2004 7:55:15 PM	0.03	26.41
<input type="checkbox"/>	HTTP_Server	↑	May 24, 2004 7:53:21 PM	0.23	34.91
<input type="checkbox"/>	OC4J_BI_Forms	↑	May 24, 2004 11:00:06 PM	0.10	49.86
<input type="checkbox"/>	OC4J_Portal	↑	May 24, 2004 7:55:28 PM	0.33	59.25
<input type="checkbox"/>	OC4J_Wireless	↑	May 24, 2004 7:54:50 PM	0.07	79.97
<input checked="" type="checkbox"/>	Portal:portal	↑	N/A	N/A	N/A
<input type="checkbox"/>	Reports_Server_rep_scias	↑	N/A	N/A	N/A
<input type="checkbox"/>	Web Cache	↑	May 24, 2004 7:53:21 PM	0.03	20.24
<input type="checkbox"/>	Wireless	↑	May 24, 2004 7:54:49 PM	0.00	45.26
<input checked="" type="checkbox"/>	Management	↑	May 24, 2004 7:53:21 PM	0.00	150.80

[Start](#)

[Stop](#)

[Restart](#)

[Delete OC4J Instance](#)

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](#)

50. Здесь мы можем посмотреть распределение и мапирование портов для компонентов Middle Tier.

Component	Type	Port In Use	Suggested Port Range	Configure
DCM Object Cache	Cache Discovery Port		7100-7199	
home	RMI	3203	3201-3300	
home	AJP	3303	3301-3400	
home	JMS	3703	3701-3800	
Log Loader	Management		44000-44099	
OC4J_BI_Forms	RMI	3205	3201-3300	
OC4J_BI_Forms	AJP	3305	3301-3400	
OC4J_BI_Forms	JMS	3705	3701-3800	
OC4J_Portal	JMS	3704	3701-3800	
OC4J_Portal	RMI	3204	3201-3300	
OC4J_Portal	AJP	3304	3301-3400	
OC4J_Wireless	JMS	3706	3701-3800	
OC4J_Wireless	RMI	3206	3201-3300	
OC4J_Wireless	AJP	3306	3301-3400	
OPMN	ONS Request	6004	6003-6099	
OPMN	ONS Local	6101	6100-6199	
OPMN	ONS Remote	6201	6200-6299	
Oracle Discoverer	OSAgent	16001	16001-16020	
Oracle Enterprise Manager 10g	Application Server Control	1811	1810-1829	
Oracle Enterprise Manager 10g	Oracle Management Agent	1831	1830-1849	
Oracle Enterprise Manager 10g	Application Server Control RMI	1851	1850-1869	
Oracle HTTP Server	Diagnostic	7201	7200-7299	
Oracle HTTP Server	Listen	7778	7777-7877	
Oracle HTTP Server	Listen	7201	7777-7877	
Oracle HTTP Server	Listen (SSL)		4443-4543	
Reports Services	Visigenics CORBA - Reports	14000	14000-14010	
Reports Services	SQL*Net for 6i Client	1950	1950-1960	
Web Cache	Administration	4000	4000-4030	
Web Cache	Statistics	4002	4000-4030	
Web Cache	HTTP Listen	80	7777-7877	
Web Cache	Invalidation	4001	4000-4030	
Wireless	Wireless Notification Dispatcher Calendar Port		9100-9199	

50a. Нажав кнопку Help на этой же странице мы можем прочитать важную информацию о зависимости между портами.

Oracle Enterprise Manager Online Help - Microsoft Internet Explorer

Help Contents

Administrator's Guide

Oracle Application Server Component	Information on Port Dependencies
Oracle HTTP Server	Changing the Oracle HTTP Server Listen Ports Changing the Oracle HTTP Server Diagnostics Port
Apache JServ	Changing the JServ Servlet Engine Port
Oracle Application Server Log Loader	Changing the Log Loader Port
Distributed Configuration Management (DCM)	Changing the DCM Java Object Cache Port
Oracle Application Server Port Tunneling	Changing the Port Tunneling Port
Oracle Application Server Web Cache	Changing Web Cache Ports
Oracle Application Server Containers for J2EE (OC4J)	Changing OC4J Ports
Oracle Application Server Reports	Changing the Reports Services SQL*Net Port
Oracle Internet Directory	Changing Oracle Internet Directory Ports
Metadata Repository	Changing the Metadata Repository Net Listener Port

[Additional Port Dependency Information](#)

50. Здесь мы можем посмотреть какие J2EE приложения работают на нашем инстансе.

Farm > Application Server: oramid1.scias.ru.oracle.com

Application Server: oramid1.scias.ru.oracle.com

Home J2EE Applications Ports Infrastructure

Page Refreshed May 24, 2004 12:53:32 AM

Previous 1-25 of 34 Next 9

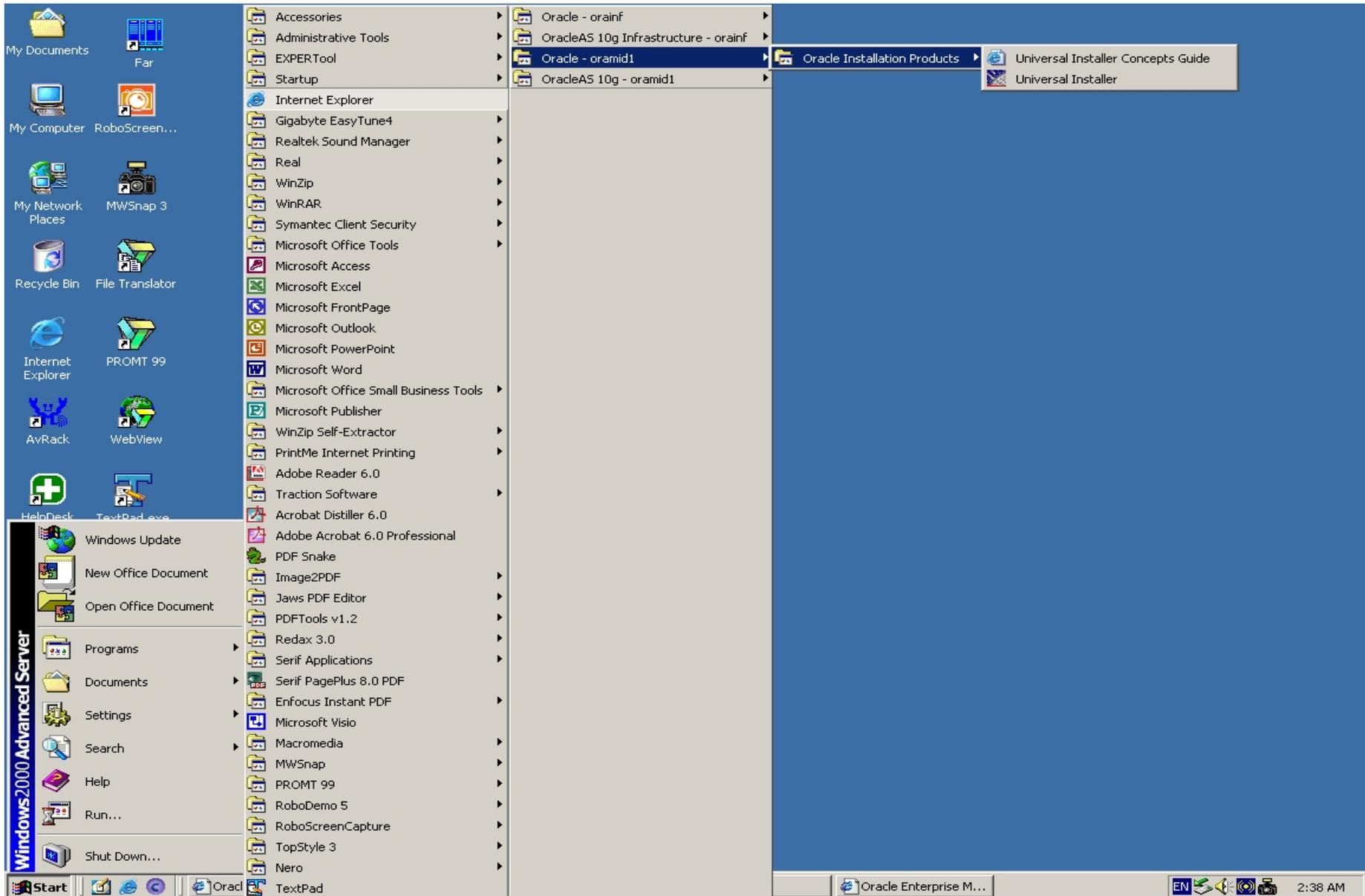
Name ▲	OC4J Instance
BC4J	home
BC4JManager	home
customization	OC4J_Wireless
default	OC4J_Wireless
default	home
default	OC4J_Portal
default	OC4J_BI_Forms
discoverer	OC4J_BI_Forms
forms90app	OC4J_BI_Forms
IsWebCacheWorking	home
jspk	OC4J_Portal
location	OC4J_Wireless
mcs	OC4J_Wireless
mobile	OC4J_Wireless
modules	OC4J_Wireless
OP	OC4J_BI_Forms
orauddi	OC4J_Portal
oraudrepl	OC4J_Portal
portal	OC4J_Portal
portalHelp	OC4J_Portal
portalTools	OC4J_Portal
provisioning	OC4J_Wireless
ptg	OC4J_Wireless
push	OC4J_Wireless
reports	OC4J_BI_Forms

Previous 1-25 of 34 Next 9

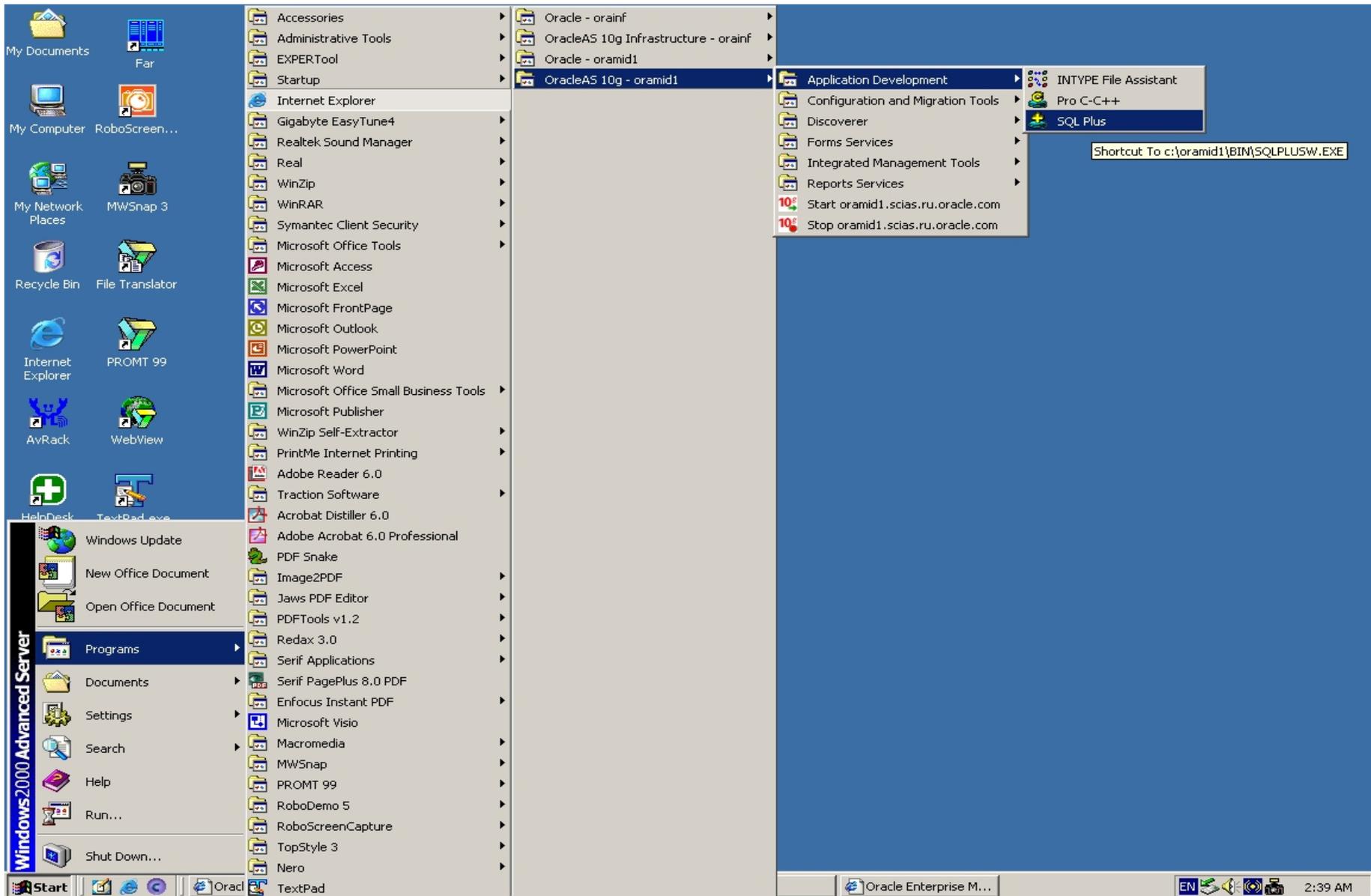
Home J2EE Applications Ports Infrastructure

Logs | Preferences | Help

51. Посмотрим, что у нас появилось в главном меню оболочки Explorer.



52. Посмотрим, что у нас появилось в главном меню оболочки Explorer.



53. Проверим состояние компонентов Middle Tier: OHS.

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > HTTP_Server

HTTP_Server

[Home](#) [Virtual Hosts](#) [Administration](#)

Page Refreshed **May 25, 2004 2:50:50 AM**

General



Status **Up**
Start Time **May 24, 2004 7:53:55 PM**

[Stop](#) [Restart](#)

Default Server Configuration

Server Name **scias.ru.oracle.com**
Document Root **c:\oramid1\Apache\Apache\htdocs**
Last Modification **May 24, 2004 12:38:38 AM**

Status

CPU Usage (%)	<u>0.22</u>
Memory Usage (MB)	<u>35.48</u>
Error Rate (%)	<u>0.00</u>
Active Connections	<u>77</u>
Connection Open Time (seconds)	<u>13.76</u>

Response and Load

Active Requests	<u>1</u>
Request Throughput (requests per second)	<u>0.69</u>
Request Processing Time (seconds)	<u>0.007</u>
Data Throughput (KB per second)	<u>5.92</u>
Data Processed (KB per request)	<u>8.53</u>

Performance

[Status Metrics](#)
[Module Metrics](#)

[Response and Load Metrics](#)
[Error Log](#)

[Home](#) [Virtual Hosts](#) [Administration](#)

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

54. Проверим состояние компонентов Middle Tier: Discoverer

Farm > Application Server: oramid1.scias.ru.oracle.com > Discoverer

[Components](#) [Related Links](#)

Discoverer

[Home](#) [Performance](#)

Page Refreshed **May 25, 2004 2:48:30 AM**

General



[Start](#) [Restart](#) [Stop](#)

Status **Up**
Version **9.0.4.43.18**
Start Time **May 24, 2004 7:53:24 PM MSD**
Total Memory Usage (MB) **6.51**
Total CPU Usage (%) **0.037**
Configuration Links [General](#)
[Public Connections](#)
[Private Connections](#)
[Services Logging](#)

TIP Memory and CPU Usage values are for Discoverer sessions, OAD, OSAgent, and Preferences

[Home](#) [Performance](#)

Components

[Return to Top](#)

The CPU and Memory Usage values are only for Discoverer sessions and do not include values for servlets used by the components. Visit the OC4J page from the Related Links section to see the CPU and Memory Usage values for the servlets. Disabling a component allows currently active users to continue working, but prevents any new users from using that component. Stop the Discoverer service from the General section to terminate all active sessions.

Total Session Memory Usage (MB) **0.0**
Shared Session Memory Usage (MB) **0.0**

[Enable](#) [Disable](#)

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

Select Name	Status	Session CPU Usage (%)	Session Memory Usage (MB)	Sessions
<input type="checkbox"/> Discoverer Plus	Enabled	0	0	0
<input type="checkbox"/> Discoverer Viewer	Enabled	0	0	0
<input type="checkbox"/> Discoverer Portlet Provider	Enabled	0	0	0

Related Links

[Return to Top](#)

[Oracle HTTP Server](#)
[OC4J](#)

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

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[About Oracle Enterprise Manager 10g Application Server Control](#)

ORACLE

55. Проверим состояние компонентов Middle Tier: Forms

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > Forms

Forms

Overview [User Sessions](#) [Configuration](#) [Environment](#) [Forms Utility](#)

Page Refreshed **May 25, 2004 2:49:35 AM**

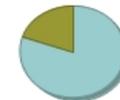
General



Status **Up**
New Connections Enabled **Yes**

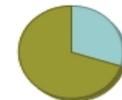
[Enable](#)
[Disable](#)

CPU Usage



■ Forms (0%)
■ Idle (80%)
■ Other (20%)

Memory Usage



■ Forms (0%)
■ Free (30%)
■ Other (70%)

Forms Services Configuration

Servlet URL **http://scias.ru.oracle.com:80/forms90/190servlet**
Oracle Home **c:\oramid1**

Response and Load

Response Time (ms)
User Sessions

Overview [User Sessions](#) [Configuration](#) [Environment](#) [Forms Utility](#)

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

56. Проверим состояние компонентов Middle Tier: OC4J:home

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > OC4J: home

OC4J: home

[Home](#) [Applications](#) [Administration](#)

Page Refreshed **May 25, 2004 2:50:16 AM**

General



Status **Up**
Start Time **May 24, 2004 7:55:16 PM**
Virtual Machines **1**

[Stop](#) [Restart](#)

JDBC Usage

Open JDBC Connections **0**
Total JDBC Connections **0**
Active Transactions **0**
Transaction Commits **0**
Transaction Rollbacks **0**

Status

CPU Usage (%) **0.00**
Memory Usage (MB) **23.26**
Heap Usage (MB) **2.52**

Response - Servlets and JSPs

Active Sessions **3**
Active Requests **1**
Request Processing Time (seconds) **0.0009**
Requests per Second **0.12**

Response - EJBs

Active EJB Methods **0**
Method Execution Time (seconds) **0.00**
Method Execution Rate (per second) **0.00**

[Home](#) [Applications](#) [Administration](#)

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

57. Проверим состояние компонентов Middle Tier: OC4J:OC4J_BI_Forms

ORACLE Enterprise Manager 10g

Application Server Control

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

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > OC4J: OC4J_BI_Forms

OC4J: OC4J_BI_Forms

[Home](#) [Applications](#) [Administration](#)

Page Refreshed **May 25, 2004 2:51:24 AM**

General



Status **Up**
Start Time **May 24, 2004 11:00:08 PM**
Virtual Machines **1**

[Stop](#) [Restart](#)

JDBC Usage

Open JDBC Connections **2**
Total JDBC Connections **2**
Active Transactions **0**
Transaction Commits **0**
Transaction Rollbacks **0**

Status

CPU Usage (%) **0.07**
Memory Usage (MB) **51.91**
Heap Usage (MB) **13.33**

Response - Servlets and JSPs

Active Sessions **0**
Active Requests **1**
Request Processing Time (seconds) **0.006**
Requests per Second **0.21**

Response - EJBs

Active EJB Methods **0**
Method Execution Time (seconds) **0.00**
Method Execution Rate (per second) **0.00**

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

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[About Oracle Enterprise Manager 10g Application Server Control](#)

ORACLE

58. Проверим состояние компонентов Middle Tier: OC4J:OC4J_Portal

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > OC4J: OC4J_Portal

OC4J: OC4J_Portal

[Home](#) [Applications](#) [Administration](#)

Page Refreshed **May 25, 2004 2:52:16 AM**

General



Status **Up**
Start Time **May 24, 2004 7:55:29 PM**
Virtual Machines **1**

[Stop](#) [Restart](#)

JDBC Usage

Open JDBC Connections **5**
Total JDBC Connections **46**
Active Transactions **1**
Transaction Commits **1**
Transaction Rollbacks **0**

Status

CPU Usage (%) **0.20**
Memory Usage (MB) **61.59**
Heap Usage (MB) **16.37**

Response - Servlets and JSPs

Active Sessions **2**
Active Requests **1**
Request Processing Time (seconds) **0.005**
Requests per Second **0.15**

Response - EJBs

Active EJB Methods **0**
Method Execution Time (seconds) **0.00**
Method Execution Rate (per second) **0.00**

[Home](#) [Applications](#) [Administration](#)

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

59. Проверим состояние компонентов Middle Tier: OC4J:OC4J_Wireless

ORACLE Enterprise Manager 10g
Application Server Control

Logs Preferences Help

Farm > Application Server: oramid1.scias.ru.oracle.com > OC4J: OC4J_Wireless

OC4J: OC4J_Wireless

Home Applications Administration

Page Refreshed May 25, 2004 2:52:45 AM

General

 Status **Up** [Stop](#) [Restart](#)
Start Time **May 24, 2004 7:54:55 PM**
Virtual Machines **1**

JDBC Usage

Open JDBC Connections	7
Total JDBC Connections	8
Active Transactions	1
Transaction Commits	0
Transaction Rollbacks	0

Status

CPU Usage (%)	0.06
Memory Usage (MB)	82.75
Heap Usage (MB)	37.43

Response - Servlets and JSPs

Active Sessions	0
Active Requests	1
Request Processing Time (seconds)	0.00
Requests per Second	0.00

Response - EJBs

Active EJB Methods	0
Method Execution Time (seconds)	0.00
Method Execution Rate (per second)	0.00

Home Applications Administration

Logs | Preferences | Help

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[About Oracle Enterprise Manager 10g Application Server Control](#)

60. Проверим состояние компонентов Middle Tier: Portal:portal

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > Portal:portal

Portal:portal

Page Refreshed **May 25, 2004 2:53:23 AM**

General



Status **Up**
Average Page Requests Per Hour **29**
Homepage Download (seconds) **0.156**
Monitoring Services **Up**

OracleAS Metadata Repository Used By Portal

Status **Up**
Name **asdb10**
Start Time **May 24, 2004 7:53:26 PM**
Database Version **9.0.1.5.1**
Repository Version **9.0.4.0.99**

Component Status

OracleAS components used by Portal.

Component	Up/Down
HTTP Server	↑
mod_plsql Services	↑
Web Cache	↑
Parallel Page Engine Services	↑
Providers	
Syndication Services	↑
Ultra Search	↑

Severity Status

OracleAS components used by Portal that indicate severity status.

Component	Severity
mod_plsql Services	✓
Parallel Page Engine Services	✓

OK ✓ Warning Critical ✗ Unknown

Administration

[Portal Web Cache Settings](#)

Related Link

[Portal End User Default Homepage](#)

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

61. Проверим состояние компонентов Middle Tier: Reports

Server: rep_scias

Application Server

Farm > Application Server: oramid1.scias.ru.oracle.com > Reports Server: rep_scias

Reports Server: rep_scias

Page Retrieved May 25, 2004 2:54:21 AM

[Home](#) [Engines](#)

General



Current Status **Up**
Start Time **May 24, 2004 11:00:43 PM**
Version **9.0.4.0.33**

Stop

Restart

Configuration

Reports Server Cluster **Not Clustered**
Trace Option
Trace Mode
Maximum Queue Size **1000**

Response and Load

CPU Usage (%) **N/A**
Memory Usage (MB) **N/A**
Average Response Time (ms) **1019**

Jobs

Current Jobs **0**
Failed Jobs **0**
Finished Jobs **7**
Scheduled Jobs **0**
Number of Jobs Transferred **0**

Dependent Components

Component Name	Status	Start Time
HTTP_Server	↑	May 24, 2004 7:53:21 PM
Web Cache	↑	May 24, 2004 7:53:21 PM
Portal:portal	↑	N/A
OC4J_BI_Forms	↑	May 24, 2004 11:00:06 PM

Administration

[Configuration](#) [Edit Configuration File](#) [Server Trace](#) [Server Log](#)

[Home](#) [Engines](#)

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

62. Проверим состояние компонентов Middle Tier: Web Cache

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > Web Cache

Web Cache

Page Refreshed **May 25, 2004 2:54:55 AM** 

General



Status	Up
Up Since	May 24, 2004 7:53:21 PM
CPU Usage (%)	0.00
Memory Usage (MB)	20.33
Cache Size Limit (MB)	500.00
Cache Size (MB)	39.11
Cached Documents	210

[Stop](#)

[Restart](#)

Activity

Requests Per Second	0.00
Data Served (MB/second)	0.00008
Errors Per Second	0.00
Open Connections	1
Active Sessions	58
Origin Server Backlog	0

Performance

[Activity](#) [Origin Servers](#) [Popular Requests](#)

Administration

[Web Cache Administration](#)

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

63. Проверим состояние компонентов Middle Tier: Wireless

Farm > [Application Server: oramid1.scias.ru.oracle.com](#) > Wireless

Wireless

Page Refreshed **May 25, 2004 2:55:55 AM**

[Home](#) [Site Performance](#) [Site Administration](#)

General



Status **Up**
Version **9.0.4.0.0**
Host [scias.ru.oracle.com](#)
OC4J Instance [OC4J_Wireless](#)
Configuration Status **Not Configured**
Related Link [Basic Site Configuration](#)
Required configuration for the Wireless Site

[Start All](#) [Stop All](#)

Response and Load

Active Sessions **0**
Average Response Time (seconds)
Average Session Duration (seconds)
Applications Invoked **0**
J2ME Applications Downloaded **0**
Notifications Sent **0**
Messages Sent **0**
Messages Received **0**

TIP This data is based on the last 10 minutes.

Web-Based Applications

Web-based applications are the OC4J applications running in the Wireless OC4J instance. They must be started and stopped together by starting and stopping the OC4J instance.

[Start OC4J Instance](#) [Stop OC4J Instance](#)

Name	Type	Status
DYN_ADAPTATIONSERVER_1014	Multimedia Adaptation Server	
DYN_ASYNCAGENT_1016	Async Listener	
DYN_HTTPSRV_1015	Multi-Channel Server	
DYN_J2MEPROXYSERVER_1013	J2ME Web Service Proxy Server	
DYN_PROVISIONINGSRV_1017	Provisioning Server	

Standalone Processes

Standalone processes are the Wireless processes which can be started and stopped individually. A standalone process can also be added or deleted.

[Add Process](#)

Select a process and...

[Enable/Disable](#) [Start](#) [Stop](#) [Delete](#)

Select	Name	Type	Status	Enabled
<input checked="" type="radio"/>	perfmonitor_1001	Performance Monitor		<input checked="" type="checkbox"/>
<input type="radio"/>	messaging_gtwy_1000	Messaging Server		<input checked="" type="checkbox"/>
<input type="radio"/>	notification_evtcol_1002	Notification Event Collector		<input type="checkbox"/>
<input type="radio"/>	notification_eng_1003	Notification Engine		<input type="checkbox"/>
<input type="radio"/>	lbevent_srv_1004	Location Event Server		<input type="checkbox"/>

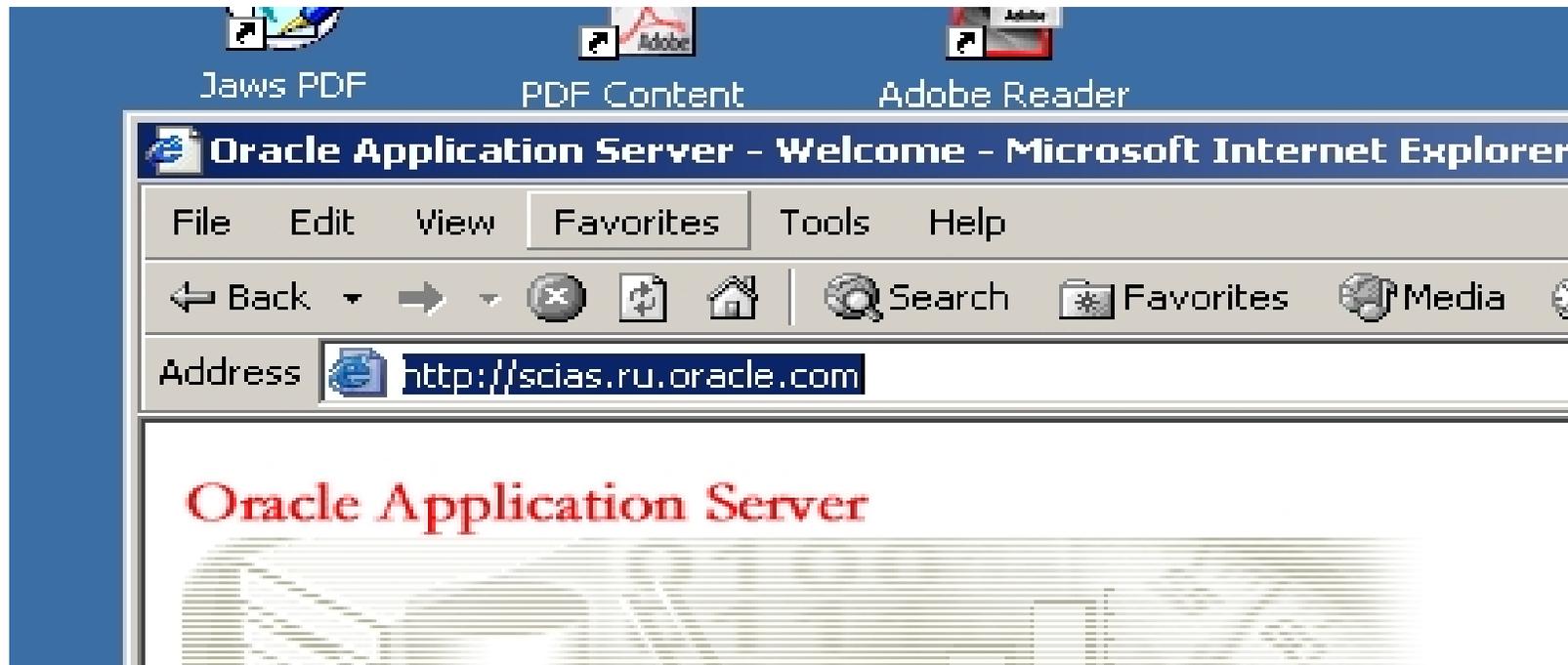
Instance Configuration

[Logging Directory](#)
[View Log File](#)

[Instance URLs](#)

[Home](#) [Site Performance](#) [Site Administration](#)

64. URL для Oracle Application Server Welcome Page (инстанс среднего слоя)



65. Oracle Application Server Welcome Page (инстанс среднего слоя)

Oracle Application Server

Welcome

Demonstrations

New Features

Welcome

to Oracle Application Server

Overview



Oracle Application Server 10g is an integrated, standards-based software platform that allows organizations of all sizes to be more responsive to changing business requirements.

It provides all the middleware services you need to deploy and manage applications and Web services, deliver personalized applications through enterprise portals and mobile devices, provide real-time business intelligence, integrate applications, and automate business processes. It is optimized to take full advantage of cluster computing and enterprise grid deployment architectures.

Documentation

The Oracle Application Server documentation set consists of the documentation library and the platform-specific documentation.

- The Oracle Application Server documentation library contains administration, configuration, and development documentation. The documentation library is on its own CD-ROM in the Oracle Application Server CD pack.
- The Oracle Application Server platform-specific documentation includes installation and upgrade documentation and release notes. The platform-specific documentation is on the Oracle Application Server Disk 1 CD-ROM in the Oracle Application Server CD pack.

The Oracle Application Server documentation is also available from Oracle Technology Network at <http://otn.oracle.com/documentation>.

Quick Tour

The Quick Tour introduces the features and functionality of Oracle Application Server. You can find the Quick Tour in the Oracle Application Server documentation library, which is on a separate CD-ROM in the Oracle Application Server CD pack. You can also access the Quick Tour from Oracle

Release Notes

[Read the latest Release Notes](#) on Oracle Technology Network for important information about Oracle Application Server 10g.

Oracle Enterprise Manager Application Server Control

[Log on to Oracle Enterprise Manager Application Server Control](#) using the `ias_admin` username and password to manage and monitor Oracle Application Server.

New Features

- [J2EE, Web Services and Internet Applications](#)
- [Portal](#)
- [Wireless](#)
- [Caching](#)
- [Business Intelligence](#)
- [E-Business Integration](#)
- [Systems Management](#)
- [Identity Management](#)
- [High Availability](#)

For details, visit Oracle Technology Network at <http://otn.oracle.com/products/ias>.

66. Oracle Application Server Page: Demonstrations. Все демонстрационные ссылки должны работать.

- [Introduction](#)
- [J2EE and Web Cache](#)
- [Portal and Wireless](#)**
- [Business Intelligence and Forms](#)

Demonstrations for the Portal and Wireless Install Type

With this install type, you can run the demonstrations listed in the table below.

Component	Demo	Description
Oracle Application Server Portal	Portal	Links to a Portal page which includes a sample document repository and links to Portal Center and Oracle Application Server Portal Developer Kit .
Oracle Application Server Wireless	Wireless	Demonstrates sending messages and accessing email from any mobile device. See the instructions in the Wireless Release Notes .

Terminology

- *ORACLE_HOME* refers to the top-level installation directory for Oracle Application Server.
- *host* refers to the machine where Oracle HTTP Server is running.
- *port* refers to the port number on which Oracle HTTP Server is listening for incoming requests.

Additional Demonstrations and Code Samples

You can find additional demonstrations and code samples for Oracle Application Server on Oracle Technology Network at <http://otn.oracle.com/products/ias>.

Информация для контактов по техническим вопросам:

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