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



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

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	콑 B14667-01.zip	436,370 KB	WinZip File	4/7/2004 7:58 PM				
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2. Проверка компонент дистрибутива.

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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
<u>Oracle® Application Server 10g (9.0.4.0.0) Admin and Development Client for Microsoft</u> <u>Windows 95/98/NT</u>	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
<u>Oracle® Application Server InterConnect iStudio 10g (9.0.4.0.0) for Microsoft Windows</u> <u>NT/2000/XP</u>	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
<u>Oracle® Application Server Metadata Repository Creation Assistant and Utilities 10g</u> (9.0.4.0.1) for Microsoft Windows	B14796-01	27-Apr-2004	220,794,922	View

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

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See also: My Documents	setup.exe	upgrade.txt	wsf.exe						
My Network Places									
My Computer									
11 object(s)						74.	9 KB	My Computer	
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4. Для начала прочитали "Oracle Application Server Quick Tour". Теперь мы имеем общее представление о продукте.

🚰 Introduction - Oracle Application Server 10g - Microsoft Internet Explorer		
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Oracle Application Server Documentation Library 10g (9.0.4.0.0) for Microsoft Windows		<u> </u>
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 c standards-based functionality from a single fully integrated e-business platform. With Oracle Application Server you can do the followi 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 gl 	omprehensiv ng: obe	re,
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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		
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The new contribution of antibution of a second deservation of	Release Notes	
This page contains installation, migration, and upgrade documentation as well as product and component release notes. For information on using	Oracle Application Server Release Notes	HTML PDF
Oracle Application Server, refer to the Oracle Application Server		
documentation library. The library is available on another disk in the Oracle	Installation	
Application Selver CD-Pack of on the <u>Oracle Technology Network</u> .	Installation Guide	HTML PDF
Documentation Accessibility	Quick Installation and Upgrade Guide	HTML PDF
For information on accessibility in this documentation set, read the]	
Accessibility Statements.	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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6. Вернулись в исходное положение Disk1: "CD 1 of 3". Запустили файл setup.exe

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Select an item to view its description. See also:	10 % setup.exe	upgrade.txt	wsf.exe						
My Documents My Network Places My Computer									
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6а. Система проверяет исходные требования к системе и аппаратной части компьютера.





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.

Inventory
Contents Environment
You have the following Oracle products installed:
⊖-Oracle Homes ⊖□ orainf
⊕⊡ OracleAS Infrastructure 10g 9.0.4.0.0
Product Information Location: Not Available
E Show empty homes.
If you want to remove Oracle software, please check the items and click "Remove".
Remove
Help Qiose Qiose



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 инсталлировать, имя для Oracle_home и путь для 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: C:\top\igor\distrs\oas10gwin\14699\stage\products.jar		Browse)
Destination		
Enter or select an Oracle Home name and its full path:		
Name: oramid1	-	
Path: c:\oramid1	-	Browse)
About Q	racle Unive	rsal Installer
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Help Installed Products Back Next	[nstall	<u>C</u> ancel
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13. После нажатия кнопки "Next" Oracle Universal Installer начал загружать mapping of products.

	X
Loading p	oroducts. Please wait.
	79%
Specify File Locations	
Source	
Enter the full path of the file representing the product(s) you want to install:	
Path: C:\top\igor\distrs\oas10gwin\14699\stage\products.jar	Browse
Destination	
Enter or select an Oracle Home name and its full nath:	
Enter of select an oracle frome frame and its full path.	
Name: oramid1	
Name: oramid1 Path: c:\oramid1	Browse
Name: oramid1 Path: c:toramid1	Browse
Name: oramid1 Path: c:toramid1	Browse
Name: oramid1 Path: c:toramid1	Browse
Name: oramid1 Path: c:toramid1	Browse About Qracle Universal Installer
Name: oramid1 Path: c:\oramid1 Help Installed Products	Browse About Qracle Universal Installer t Install Qancel



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.

😸 Oracle Universal Installer: Select a Product to Install

Select a Product to Install

Oracle Application Server 10g

This option installs components used for application deployment. Included components are Oracle HTTP Server, OracleAS Containers for J2EE (OC4J), Web Cache, Portal, Wireless, Reports Services, Forms Services, Discoverer, and others. This option is known as the "OracleAS Middle Tier."

OracleAS Infrastructure 10g

This option installs Identity Management services and Metadata Repository for OracleAS Middle Tier Servers. This selection includes an option to create a new Oracle Internet Directory. Included components are Oracle Database, Oracle Internet Directory, OracleAS Single Sign-On, OracleAS Certificate Authority and others.

OracleAS Developer Kits 10g

This option installs API's and simple developer kits. This selection includes the Oracle Application Server middle tier. This does not include Oracle Developer Suite products.





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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".

Language Selection	×
Language Selection	
Oracle Application Server	10g 9.0.4.0.0
Please select the languages in Oracle Application Server 10g	which your product 9.0.4.0.0 will run.
Available Languages: S	elected Languages:
Arabic F	Russian
Brazilian Portuguese 🧠 🕟 E	English
Canadian French —	
Czech	
Danish	
Dutch	
English (United Kingd	
Finnish	
Help)	OK Cancel



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



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

😸 Oracle Universal Installer: Select Installation Type

Select Installation Type Oracle Application Server 10g 9.0.4.0.0

What type of installation do you want?

J2EE and Web Cache (343MB)

Installs and Configures Oracle HTTP Server, OracleAS Containers for J2EE with J2EE 1.3 and Web Services features, and Web Cache. (Requires 512 MB RAM configured on your machine)

O Portal and Wireless (733MB)

Installs and configures Portal and Wireless components. Also installs and configures the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)

OBusiness Intelligence and Forms (905MB)

Installs and configures Discoverer, Personalization, Reports Services and Forms Services components. Also installs and configures the Portal and Wireless and the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)



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18a. Что выбрать? J2EE and Web Cache

Help Topic Window		
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J2EE and Web Cache This is the smallest middle tier t	ype. 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)	OC4J provides all the containers required for deploying J2EE applications, as specified in the J2EE specification. Examples of technologies supported by OC4J are: • JavaServer Pages (JSP)	
	Servlets	
	Enterprise JavaBeans (EJB)	10
	Web Services	18
	Note: If you need UDDI, you need to install either the <u>"Portal and Wireless"</u> or the <u>"Business</u> <u>Intelligence and Forms"</u> middle tier type because UDDI is provided by the OracleAS Portal component.	·
	Java Transaction API (JTA)	18
	 Java Messaging Service (JMS) 	18
	Java Naming and Directory ptorface (UND)	
	Java Mail	
	Java Database Connectivity (JDBC)	
	Java Authentication and Authorization Service (JAAS)	18
	J2EE Connector Architecture	18
	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.	

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18b. Что выбрать? Portal and Wireless

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Portal and W	ireless	Δ
This middle tier	type includes all the components from the <u>"J2EE and Web Cache"</u> type, plus the following:	I
Component	Description	
OracleAS Portal	OracleAS Portal enables you to assemble and publish Web pages that consist of portlets. Users can customize pages by adding or removing portlets. OracleAS Portal also includes OracleAS Syndication Services, Oracle Ultra Search, and UDDI:	l
	 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	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: Push services via SMS, WAP-Push, and email 	
	Geographical location-based services	
	Secure mobile commerce	
	Map Viewer	Ū



18с. Что выбрать? Business Intelligence and Forms

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Business Intelligence and Forms				
This middle tier type inc	ludes all the components from the <u>"Portal and Wireless"</u> 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?

🗽 Oracle Universal Installer: Select Installation Type

Select Installation Type

Oracle Application Server 10g 9.0.4.0.0

What type of installation do you want?

J2EE and Web Cache (343MB)

Installs and Configures Oracle HTTP Server, OracleAS Containers for J2EE with J2EE 1.3 and Web Services features, and Web Cache. (Requires 512 MB RAM configured on your machine)

Portal and Wireless (733MB)

Installs and configures Portal and Wireless components. Also installs and configures the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)

© Business Intelligence and Forms (905MB)

Installs and configures Discoverer, Personalization, Reports Services and Forms Services components. Also installs and configures the Portal and Wireless and the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)





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

Oracle Universal Installer: Select Configuration Options Select Configuration Options Select the components that you would like to configure and automatically start at the end of the installation. You can always configure any component after installation. Follow the configuration instructions in the documentation for each component. Oracle HTTP Server and OracleAS 10g Containers for J2EE are always configured. Component Description Oracle HTTP Server Serves both static and dynamic web content. $\overline{\mathbf{v}}$ OracleAS 10g Containers for J2EE Runs enterprise JAVA applications. OracleAS 10g Web Cache Accelerates the delivery of both static and dynamic... OracleAS 10g Database-Based Cluster Enables database-based management of multipl... OracleAS 10g File-Based Cluster Enables file-based management of multiple Oracl.. Identity Management Access Enables Single Sign-On for J2EE and web applic.. E) 4 Help Installed Products... Back Next Install Cancel DRACLE



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

Oracle Universal Installer: Select Installation Type

Select Installation Type

Oracle Application Server 10g 9.0.4.0.0

What type of installation do you want?

OJ2EE and Web Cache (343MB)

Installs and Configures Oracle HTTP Server, OracleAS Containers for J2EE with J2EE 1.3 and Web Services features, and Web Cache. (Requires 512 MB RAM configured on your machine)

Portal and Wireless (733MB)

Installs and configures Portal and Wireless components. Also installs and configures the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)

© Business Intelligence and Forms (905MB)

Installs and configures Discoverer, Personalization, Reports Services and Forms Services components. Also installs and configures the Portal and Wireless and the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)





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

Oracle Universal Installer: Select Configuration Options 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 Oracle HTTP Server Serves both static and dynamic web content. ∇ OracleAS 10g Containers for J2EE Runs enterprise JAVA applications. ∇ OracleAS 10g Web Cache Accelerates the delivery of both static and dynamic... OracleAS 10g Portal Provides a single point of access to all information. OracleAS 10g Wireless Delivers any content to any device over any network. V





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

😹 Oracle Universal Installer: Select Installation Type

Select Installation Type

Oracle Application Server 10g 9.0.4.0.0

What type of installation do you want?

OJ2EE and Web Cache (343MB)

Installs and Configures Oracle HTTP Server, OracleAS Containers for J2EE with J2EE 1.3 and Web Services features, and Web Cache. (Requires 512 MB RAM configured on your machine)

O Portal and Wireless (733MB)

Installs and configures Portal and Wireless components. Also installs and configures the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)

Business Intelligence and Forms (905MB)

Installs and configures Discoverer, Personalization, Reports Services and Forms Services components. Also installs and configures the Portal and Wireless and the J2EE and Web Cache components. This middle tier type requires OracleAS Infrastructure 10g (Identity Management and OracleAS Metadata Repository). (Requires 1024 MB RAM configured on your machine)

Help Installed Products... Back Next Install Cancel



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

Oracle Universal Installer: Select Configuration Options

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		
		Oracle HTTP Server	Serves both static and dynamic web content.		
		OracleAS 10g Containers for J2EE	Runs enterprise JAVA applications.		
OracleAS 10g Web Cache Accelerates the deliver			Accelerates the delivery of both static and dynam		
		OracleAS 10g Portal	Provides a single point of access to all information		
		OracleAS 10g Wireless	Delivers any content to any device over any netwo		
		OracleAS 10g Discoverer Enables ad-hoc BI analysis - Configures I			
	OracleAS 10g Personalization Delivers real-time personalized conte		Delivers real-time personalized content - Configu	-8	
OracleAS 10g Reports Services Enables web reports publishing - Co		Enables web reports publishing - Configures Re	-		
			D		
Help Installed Products Back Next Install Cancel				el 🔪	
	DRACLE				



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

Oracle Universal Installer: Select Configuration Options

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		
		OracleAS 10g Containers for J2EE	Runs enterprise JAVA applications.		
		OracleAS 10g Web Cache	Accelerates the delivery of both static and dynam		
		OracleAS 10g Portal	Provides a single point of access to all informatic		
		OracleAS 10g Wireless	Delivers any content to any device over any netwo		
Image: Construction Image: Construction Image: Construction Image: Construction Image: Construction Delivers real-time personalized control		OracleAS 10g Discoverer	Enables ad-hoc BI analysis - Configures Discove		
		Delivers real-time personalized content - Configu			
		OracleAS 10g Reports Services	Enables web reports publishing - Configures Re		
		OracleAS 10g Forms Services	Provides Forms-based application framework ar	-	
l					
	Н	elp Installed <u>Products</u>	Back Next Install Cancel		
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19. Выбор сделан (BI and F). Мы попадаем на следующий экран с описанием, что же мы должны будем сделать дальше по ходу инсталляции.





19а. 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 компоненты нам даются по умолчанию (отказаться нельзя), остальное мы вправе выбирать.

Oracle Universal Installer: Select Configuration Options

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	
		Oracle HTTP Server	Serves both static and dynamic web content.	
		OracleAS 10g Containers for J2EE	Runs enterprise JAVA applications.	
		OracleAS 10g Web Cache	Accelerates the delivery of both static and dynam	
		OracleAS 10g Portal	Provides a single point of access to all informatic	
		OracleAS 10g Wireless	Delivers any content to any device over any netwo	
	Image: Control of Contro		Enables ad-hoc BI analysis - Configures Discove	
			Delivers real-time personalized content - Configu	
OracleAS 10g Reports Services Enables web reports publishing - Configur		Enables web reports publishing - Configures Re		
			D	
Help Installed Products Back Next Install Car			Back Next Install Cancel	
DRACLE				



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

- 🗆 × Oracle Universal Installer: Select Configuration Options 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 OracleAS 10g Containers for J2EE Runs enterprise JAVA applications. OracleAS 10g Web Cache Accelerates the delivery of both static and dynam OracleAS 10g Portal Provides a single point of access to all informatid OracleAS 10g Wireless Delivers any content to any device over any netwo OracleAS 10g Discoverer Enables ad-hoc BI analysis - Configures Discove OracleAS 10g Personalization Delivers real-time personalized content - Configu Enables web reports publishing - Configures Re OracleAS 10g Reports Services OracleAS 10g Forms Services Provides Forms-based application framework ar 🚽 Ń 4 ► Installed Products... Help Next Install Cancel Back DRACLE

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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:	scias.ru.oracle.com			
Port:	389			
Use only SSL connections with	n 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.				
		$\sim \sim \sim$		
the second se		\sim		
	oducts Back Next	Install Cancel		



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

🗽 Oracle Univer	sal Installer: Specify Login for Oracle Internet Directory			
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:	cn=orcladmin			
Password:	*****			
	•	te		
		$\geq \sim$		
and the second se		\times		
and the second division of		\times		
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.

👷 Oracle Universal Installe	er: Specify Instance Name and ias_admin Password	
Specify Instan	ce Name and ias_admin Password	
All OracleAS 10g instance of the host are appended	es installed on a host must have unique names. The hostname and domain n I to the instance name.	ame
Each OracleAS 10g insta Passwords are not share	nce has its own password, regardless of which user performed the installation ad across instances, even if the instances were installed by the same user.	n.
By default, the password characters must be a nur	I must have a minimum of 5 alphanumeric characters, and at least one of the mber.	
Administrator Username	: ias_admin	
Instance Name:	oramid1	
ias_admin Password:	****	2
Confirm Password:	*****	
		<
Help	stalled Products Back Next Install C	ancel
ORACLE		

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30. Изменяется состояние в Inventory.

Cracle Universal Installer: Specify Instance Name and ias_admin Password	
Processing OracleAS Web Cache 9.0.4.0.	.0
Specify Instance Name and ias_admin Password	
All OracleAS 10g instances installed on a host must have unique names. The hostname and domain r of the host are appended to the instance name.	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.	in.
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: oramid1	
ias_admin Password: ++++++++	
Confirm Password: ********	
	\sim
Help (Installed Products) Back Next (Install)	⊇ancel
ORACLE [®]	



31. ОШ получил всю необходимую информацию, и просит Вас нажать кнопку "Install".



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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.

oracle Universal Installer: Install	
Install	
Copying files for Sun JDK 1.4.2.0.3 Setup pending Configuration pending	Management • Web Based Central Administration • Automated Problem Detection and Alerts
copying 'rmic.exe' 1% Stop installation	Historical Performance Analysis and Diagnostics
You can find a log of this install session at: C:\Program Files\Oracle\nventory\logs\installActions2004-05-23_11-42-48PM.log	
Help Installed Products Back Next	İnstall Qancel

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

Jaws P	PDF PDF Content	Adobe Reader	
Eald	🔀 Oracle Universal Ins	taller: Install	
=avorite:] Q	Install		
	Copying files for	Disk Location	
	Setup pending Configuration pend	Please insert Oracle Application Server 10g disk 2 into your disk drive or specify an alternate location. pplication Path: C:\top\igor\distrs\oas10gwin\14699\sts Browse	
2:30 PM	copying 'dbvru.msb'	Help OK Cancel ted J2EE, Wireless, eb Services 21% • Best Performance and Scalability	
	You can find a log of th C:\Program Files\Oracle Help ORACLE	iis install session at: eVnventoryVogsVinstallActions2004-05-22_09-33-28AM.log Installed Products Back Next Install Qancel	



34. Второй способ помощи через "Browse".





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

Jaws P	PDF PDF Content	Adobe Reader					
Edit	🔀 Oracle Universal Ins	taller: Install					L N
avorite:	Install	0					
	Copying files for	Disk Location			×		
	Setup pending Configuration pend	Please insert Oracle A drive or specify an alte	pplication Server 10 rnate location.	g disk 3 into your	rdisk Nilabi	ility	
		Eath: [C:\top\igor\dist	rs\oas10gwin\14699	Nsta Browse	·) s Mo ent B	nitoring,	2.jpg
::30 PM	creating file 'C:\orainf\	Help		OK Ca	ncel n Rep	nt plication,	Reference to the second
	Stop installation)		· ·	Distributed	Cache	5.jpg E 9.jpg
	You can find a log of th C:\Program Files\Oracle	is install session at: NoventoryNogsVinstallAction	ns2004-05-22_09-33-28	3AM.log	X	\geq	B.jpg
	Help	Installed Products	Back	Next	Install	Cancel	
	ORACLE [®]			24.jpg	25.jpg	26.jpg	27.jpg
							ACLE

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.

Oracle Universal Installer: Configuration Assistants

Configuration Assistants

The following configuration assistants will configure an	d start the components	you selected earlier.
Tool Name	Status	Туре
CC4J Configuration Assistant	Succeeded	Recommended
🔲 Java Security Configuration Assistant	Succeeded	Recommended
C OracleAS Instance Configuration Assistant	Succeeded	Recommended
Personalization Configuration Assistant	Succeeded	Optional
Portal Configuration Assistant	In progress	Recommended
Discoverer Configuration Assistant	Pending	Recommended 📃 💌
		Retry Stop
Details (see full log at C:\Program Files\Oracle\Inventor	yllogs\installActions20	04-05-23_11-42-48PM.log):
05e009af17a3f95224efc904000403094147bfee70848 oracle.com -cport_i 4001 -cport_a 4000 -mi TRUE -mc 05cc333a29a2fc0d55c395558bbb5d3df92faf7cbd8678 install.log"	c666d -verbose -oh c:\c true -pwd_enc 3b6cf -ultrasearch -sync	oramid1 -chost scias.ru.
Help Installed Products	Back Next	Install Cancel



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

😹 Oracle Universal Installer: End of Installation	
End of Installation	
The installation of Oracle Application Server 10g was successful.	
Please remember	
The following information is available in: c:\oramid1\Apache\Apache\setupinfo.txt 	
Use the following URL to access the Oracle HTTP Server and the Welcome Pag	ge:
http://scias.ru.oracle.com:80	
Use the following URL to access the Oracle Enterprise Manager Application Ser Control:	rver
Click the Release Information button to view current release information.	\sim
Release Information	\checkmark \times
Help Installed Products Back Next Instal	Exit
ORACLE	



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:\oramid1\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.

I .									
								I	
	🥭 Ora	acle A	pplicat	ion Serv	ver - Y	/elco	me - M	licrosoft	: Interr
	File	Edit	View	Favorit	es T	ools	Help		
_	🖨 Ba	ack 👻	\Rightarrow \sim	8 🚯	3	Q,	Search	😹 Fav	orites
its (Addre	ss 🙋	http://	scias.ru.c	oracle.o	:om:7)	778/inde	ex.html	
ıd a	Or	acle	Appli	cation	Ser	ver			



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. Ok.





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

in								
		••	a	1		- 1-		- 100 Barrier 1
	nacl 🖉	e Applica	tion Server	- Welco	me - M	licrosoft Inter	net Explo	'er
	File E	dit View	Favorites	Tools	Help			
	🗘 Back	$\bullet \Rightarrow \bullet$	🗵 🖉 🙆	} Q:	5earch	🔝 Favorites	Media	🎯 🖏 -
v its (Address	🙆 http://	'scias.ru.orac	le.com				
ind a								
	Orac	le Appl	ication S	erver				
on							10	lalcoma
								erconie
icle								
laie								

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



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

🚰 Oracle Enterprise Manager - Farm: asdb10.ru.oracle.co	m - Microsoft Internet Explorer	_ <u> </u>
File Edit View Favorites Tools Help		1
🖙 Back 🔹 🔿 🖌 🙆 🚮 🛛 🚳 Search 🛛 📾 Favorites	@Media 🧭 🛃 🗃 🖃	
Address 🗃 http://scias.ru.oracle.com:1810/emd/console/ias/clus	ters/farm\$farm=orainf.scias.ru.oracle	.com 💽 🎓 Go Links » 🔁 🗸
ORACLE Enterprise Manager 10g Application Server Control Farm		Preferences Help
Farm: asdb10.ru.oracle.com		
Instances can be grouped and managed together by a The collection of instances within a single metadata re	dding standalone instances to a pository is known as a farm.	single Infrastructure metadata repository.
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
orainf.scias.ru.oracle.com	scias.ru.oracle.com	C:\orainf
O oramid1.scias.ru.oracle.com	scias.ru.oracle.com	c:\oramid1
Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control	Preferences Help	-
ê		Trusted sites
		ORACLE

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

Inventory	×
Contents Environment	
You have the following Oracle products installed:	
⊖-Oracle Homes	
⊕-□ orainf	
⊕-⊡ oramid1	
Product Information	
Not Available	
Show empty homes.	
If you want to remove Oracle software, please check the items and click "Remove".	
Remove	
[<u>Tourovo</u>]	
Help Save As Close)

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44. Перейдем на другую закладку "Environment".

🗽 Invento	ry		×							
Conter	nts <u>Environment</u>									
Central	Central Inventory Location: "C:\Program Files\Oracle\Inventory"									
Select t Use the	he Oracle Homes to add arrows to control their o	I to your PATH environment variable. order:								
Select	Home Name	Home Path	.							
	oramid1	c:\oramid1 🔹 💼								
	orainf	C:\orainf								
Path:										
c:\oram \oramic \orainf\ \bin;%9 \Syster	hid1\jdK\jre\bin\classic;c: d1\jlib;c:\oramid1\jre\1.1. jre\1.1.8\bin;C:\orainf\jre\ SystemRoot%\system32 n32\Wbem	loramid1\jdkljre\bin;c:\oramid1\bin;c: 8\bin;C:\orainf\bin;C:\orainf\jlib;C: 1.4.2\bin\client;C:\orainf\jre\1.4.2 ;%SystemRoot%;%SystemRoot%								
		Apply								
Hel		Save As Close	D							



45. Нажали кнопку "Exit". На всплывающем окне подтвердили наше решение.

Oracle Universal Installer: End of Installat	ation
End of Installation	
The installation of Oracle	≝ ful.
Please remember	
Use the following URL to a	Do you really want to exit? elcome Page:
http://scias.ru.oracle.com:8	<u>Yes</u> <u>N</u> o
 Use the following URL to access the Control:	e Oracle Enterprise Manager Application Server
http://scias.ru.oracle.com:1811	
Click the Release Information button to vie	iew current release information.
Release Information	
Help Installed Products	. Back Next Install Exit
DRACLE	



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

Services							
		▶ ■ ■					
Tree	Name 🛆	Description	Status	Startup Type	Log On As		
Services (Local)	🛚 🏶 NetMeeting Remote Desktop Sharing	Allows aut		Manual	LocalSystem		
808 DOLLIGO (2000)	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		
	CracleorainfASControl		Started	Automatic	LocalSystem		
	🖓 OracleorainfClientCache		Started	Manual	LocalSystem		
	🖓 OracleorainfProcessManager		Started	Automatic	LocalSystem		
	🖓 OracleorainfTNSListener		Started	Automatic	LocalSystem		
	🖓 Oracleoramid1ASControl		Started	Automatic	LocalSystem		
	🖓 Oracleoramid1ClientCache		Started	Manual	LocalSystem		
	🖓 Oracleoramid1ProcessManager		Started	Automatic	LocalSystem		
	🖓 OracleServiceASDB10		Started	Automatic	LocalSystem		
	Reformance Logs and Alerts	Configures		Manual	LocalSystem		
	🖏 Plug and Play	Manages d	Started	Automatic	LocalSystem		
	Rint 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		
l	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: <u>http://scias.ru.oracle.com:1811</u> (...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.

		i.
	http://scias.ru.oracle.com:1810/ - Microsoft Internet Explorer	
	File Edit View Favorites Tools Help	
ĩ	🗘 Back 🔹 🔿 🕫 😰 🚰 🔞 Search 👔 Favorites 🛞 Media 🧭 🔂 🖬 🔂 🔹 🗐 🖬	
	Address 🙆 http://scias.ru.oracle.com:1810 💽 🎓 Go 🛛 Links 🍟 🧞 🗸	
aı		
35		
	Enter Network Password	1
	Places tupe your user name and password	
F	Piease (ype your user name and password.	,
ir	Site: scias.ru.oracle.com	
G	Realm enterprise-manager	24 j
lif	User Name ias_admin	,
ġ	Password *****	
iŁ	Save this password in your password list	22.i
	OK Cancel	["
		20. j
		.0.)
		1
		25
	E Done Strenet	8.jp

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48. Видим добавление в нашей Farm.

🕘 Oracle Ente	rprise Manager - Farm: asdb10.ru.oracle.com - N	1icrosoft Internet Explorer					
File Edit Vi	iew Favorites Tools Help						
🗢 Back 👻 🔿	🕞 🙆 🚮 🛛 🥘 Search 🕋 Favorites 🛞 M	edia 🧭 🛃 🖨 🎒 🗾	3				
Address 🙆 htt	tp://scias.ru.oracle.com:1810/emd/console/ias/clusters/f	farm\$farm=orainf.scias.ru.oracle.co	m 👱] 🔗 Go 🛛 Links » 📆 🗸			
ORACLE Enterprise Manager 10g Application Server Control Farm Farm: asdb10.ru.oracle.com							
Instances ca The collectio	an be grouped and managed together by adding on of instances within a single metadata reposit	ı standalone instances to a sir ory is known as a farm.	ngle Infrastructure met	adata repository.			
Cluster	rs						
				Create Cluster			
Select N	lame			Status Instances			
Т	here are no clusters in the farm.						
Standa	alone Instances						
These ins	stances belong to the farm but are not part of a	ny cluster.					
				Join Cluster			
Select N	lame	Host	Oracle Home				
• <u>o</u>	rainf.scias.ru.oracle.com	scias.ru.oracle.com	C:\orainf				
<u>о</u>	ramid1.scias.ru.oracle.com	scias.ru.oracle.com	c:\oramid1				
Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control							
ē 🛛				Trusted sites			
			C	RACLE			

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

			Defendent Marc 22, 2	004 40-54-57 AM
General	CPU Usage	Pag Memory Usage	ge Retreshed May 22, 2	2004 10:51:57 AM ES
Stop All Restart Status Up Host Scias.ru.oracle.ru Installation Type Infrastructure Oracle Home C:\orainf Farm asdb10.ru.oracle	All om Application Server (0%) I Idle (91%)	Application Server (14% 278MB)		
	Other (9%)	Other (30% 622MB)		
System Components	Other (9%)	Other (30% 622MB)		
System Components	Other (9%)	Enable/Disable Components	configure Component) (<u>Create OC4J Instance</u>
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49а. Через Farm перешли на инстансе Middle Tier. Ok.

Home	J2EE Applications	Ports Infrastructu	re								
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	Status Host Installation Type Oracle Home Farm	Stop A Up scias.ru.oracle.c Business Intellig Forms c:\oramid1 asdb10.ru.oracle	M Restart All gence and com		pplication Server dle (85%) other (14%)	(1%)	A Fi O	pplication Server ree (35% 720M ther (42% 853M	er (23% 473MB) B) MB)		
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Select	All Select None										
Selec	t Name		S	Status Sta	art Time				CPU Usage (%)	Memory Usa	ge (MB)
	Discoverer			<mark>ሱ</mark> Ma	ay 24, 2004 7:53	:24 PM			0.03		6.51
	Forms			순 Ma	ay 24, 2004 11:0	0:01 PM			0.00		0.00
	home			<mark>∱</mark> Ma	ay 24, 2004 7:55	:15 PM			0.03		26.41
	HTTP_Server			순 Ma	ay 24, 2004 7:53	:21 PM			0.23		34.91
	OC4J_BI_Forms			순 Ma	ay 24, 2004 11:0	0:06 PM			0.10		49.86
	OC4J_Portal			순 Ma	ay 24, 2004 7:55	:28 PM			0.33		59.25
	OC4J_Wireless			순 Ma	ay 24, 2004 7:54	:50 PM			0.07		79.97
	Portal:portal			仓 N//	Ą				N/A		N/A
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								Sta	art) Stop) Rest	art) Delete OC4J Inst	ance
Ø TIP	This table contains o	only the enabled c	omponents of the appl	ication se	erver. Only comp	onents that have the	checkbox er	nabled can be	started or stopped.		
Relate	d Links <u>Process Ma</u>	anagement									
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Start	1996, 2004, Oracie. All ri	ignus reserved.	Simidtier	Director		Simidtier	-	o Entornico			2,22 444
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50. Здесь мы можем посмотреть распределение и мапирование портов для компонентов Middle Tier.

Component / Type Port In thee Suggested Port Range Configure Odd Object Cache Cache 7000 7199 7000 7199 7000 7199 Ord Object Cache RM 3303 3301/3300 ////////////////////////////////////								😒 Previous Show A	T32 🔽 Next 🤅
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nome AIP AIP 3003 3003 3003 300 300 300 300 300 300	home	RMI	RMI				3203	3201-3300	
none MS 3703 3701-3800 \$ Log Logder Management 3205 3201-3800 \$ Dodd_Bl_forms MM 3205 3301-3400 \$ \$ Dodd_Bl_forms MR 3205 3301-3400 \$	home	AJP					3303	3301-3400	Ø
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50а. Нажав кнопку Help на этой же странице мы можем прочитать важную информацию о зависимости между портами.

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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.

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Home J2EE Applications Ports Infrastructure	
	Page Refreshed May 24, 2004 12:53:32 AM 民
	S Previous 1-25 of 34 🔽 Next 9
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BC4JManager	home
customization	OC4J Wireless
default	OC4J Wireless
default	home
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default	OC4J BI Forms
discoverer	OC4J BI Forms
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IsWebCacheWorking	home
ipdk_	OC4J Portal
location	OC4J Wireless
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portalTools	OC4J Portal
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	⊘ Previous 1-25 of 34 ▼ Next 9 ⊗
Home J2EE Applications Ports Infrastructure	

ORACLE

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

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5	Shut Down	um TopStyle 3			
Start] 🛄 🥭 🐨] 🖉 Orac	🛃 TextPad		Cracle Enterprise M	EN 🖘 📢 😡 📸 2:38



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

		▶ 🕞 Oracle - orainf	
	Administrative Tools	OracleAS 100 Infrastructure - orainf	
My Documents		Oracle - oramid1	
Far		Grade Craminar	
			Configuration and Migration Tools
	Gigabyte EasyTupe4	>	Discoverer > Sol Plus
My Computer RoboScreen	Realtek Sound Manager	•	Forms Services
		•	Shortcut To c:\oramid1\BIN\SQLPLUSW.EXE
		•	Reports Services
My Network MWSpap 3	WinBAR	•	101 Start oramid1.scias.ru.oracle.com
Places	Symantec Client Security	+	10 Stop oramid1.scias.ru.oracle.com
	Microsoft Office Tools	+	
	Microsoft Access		
Recycle Bin File Translator	Microsoft Excel		
	Microsoft FrontPage		
🛛 🦳 🦕	Microsoft Outlook		
20	Microsoft PowerPoint		
Internet PROMT 99 Explorer	W Microsoft Word		
	👼 Microsoft Office Small Business Tools	•	
	🗵 Microsoft Publisher		
	💼 WinZip Self-Extractor	•	
HARACK WEDNEW	💼 PrintMe Internet Printing	•	
	🔛 Adobe Reader 6.0		
	💼 Traction Software	•	
HelpDesk TaxtBad ava	🖄 Acrobat Distiller 6.0		
Windows Update	🖄 Adobe Acrobat 6.0 Professional		
	🕺 PDF Snake		
New Office Document	💼 Image2PDF	•	
	👼 Jaws PDF Editor	•	
	PDFTools v1.2	•	
Programs	Redax 3.0	•	
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53. Проверим состояние компонентов Middle Tier: OHS.

ORACLE Enterprise Manager 10g	
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	Default Server Configuration
Status Up Start Time May 24, 2004 7:53:55 PM Stop Restart) Server Name scias.ru.oracle.com Document Root c:\oramid1\Apache\Apache\htdocs Last Modification May 24, 2004 12:38:38 AM
Status	Response and Load
CPU Usage (%) 0.22 Memory Usage (MB) 35.48 Error Rate (%) 0.00 Active Connections 77 Connection Open Time (seconds) 13.76	Active Requests 1 Request Throughput (requests per second) 0.69 Request Processing Time (seconds) 0.007 Data Throughput (KB per second) 5.92 Data Processed (KB per request) 8.53
Performance	
Status Metrics Response Module Metrics Error Loc	<u>se and Load Metrics</u> o
Home Virtual Hosts Administration	4
Logs Pre Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control	aferences Help



54. Проверим состояние компонентов Middle Tier: Discoverer

e <u>Performance</u>			Page	Refreshed May 25.	2004 2:48:30 AM
eneral			- age -	teneoned may 20,	2004 2140.00 741
Total Memory I	Status Up Version 9.0.4.43.18 Start Time May 24, 2004	Start Restart Stop			
Total CPU Configur	Usage (%) 0.037 ation Links <u>General</u> <u>Public Conne</u> <u>Private Conne</u> <u>Services Log</u>	ections actions ging			
TIP Memory and CPU Usage values Preferences	are for Discoverer session:	s, OAD, OSAgent, and			
ne <u>Performance</u>					
ne <u>Performance</u> omponents					
ne <u>Performance</u> omponents ne CPU and Memory Usage values are se the CPU and Memory Usage values top the Discoverer service from the Ge	only for Discoverer sessions of the servlets. Disabling neral section to terminate	ons and do not include values for servlets () a component allows currently active user all active sessions.	used by the components. ∀isit the OC4J p s to continue working, but prevents any ne	page from the Relat w users from using	
ne Performance omponents ne CPU and Memory Usage values are set the CPU and Memory Usage values top the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME	e only for Discoverer sessions for the servlets. Disabling neral section to terminate 3) 0.0 3) 0.0	ons and do not include values for servlets o a component allows currently active user all active sessions.	ised by the components. Visit the OC4J p s to continue working, but prevents any ne	page from the Relat sw users from using	<u> </u>
e Performance omponents e CPU and Memory Usage values are e the CPU and Memory Usage values op the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME	e only for Discoverer session for the servlets. Disabling neral section to terminate a) 0.0 0.0	ons and do not include values for servlets o a component allows currently active user all active sessions.	ised by the components. Visit the OC4J p s to continue working, but prevents any no Enable	page from the Relat aw users from using Disable	<u>⊗ Return to</u> ed Links section t g that component.
e <u>Performance</u> omponents e CPU and Memory Usage values are e the CPU and Memory Usage values op the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME <u>elect All</u> <u>Select None</u> <u>elect Name</u>	e only for Discoverer session for the servlets. Disabling neral section to terminate 3) 0.0 3) 0.0	ons and do not include values for servlets of a component allows currently active user all active sessions.	used by the components. Visit the OC4J p s to continue working, but prevents any no Enable	bage from the Relat aw users from using Disable	<u>⊗ Return to</u> ed Links section t g that component.
e Performance omponents e CPU and Memory Usage values are e the CPU and Memory Usage values op the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME lect All Select None lect Name Discoverer Plus	e only for Discoverer sessi for the servlets. Disabling neral section to terminate 0) 0.0 0) 0.0 Status Enabled	ons and do not include values for servlets of a component allows currently active user all active sessions. Session CPU Usage (%)	ised by the components. Visit the OC4J p s to continue working, but prevents any no <u>Enable</u> Session Memory Usage (MB)	Dage from the Relate aw users from using Disable Sessions	
Performance Omponents e CPU and Memory Usage values are e the CPU and Memory Usage values op the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME elect All Select None elect Name Discoverer Plus Discoverer Viewer	e only for Discoverer sessions for the servlets. Disabling neral section to terminate () 0.0 () 0.0 () Enabled () Enabled () Enabled	ons and do not include values for servlets o a component allows currently active user all active sessions. Session CPU Usage (%) 0	used by the components. Visit the OC4J p is to continue working, but prevents any no Enable Session Memory Usage (MB) 0 0	Dage from the Relate and users from using Disable Sessions 0	<u> </u>
Performance omponents INE CPU and Memory Usage values are INE CPU and Memory Usage values INE CPU and Memory Usage values INE CPU and Memory Usage values op the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME Alect All Select None INE Discoverer Plus Discoverer Viewer Discoverer Portlet Provider	e only for Discoverer session for the servlets. Disabling neral section to terminate 3) 0.0 3) 0.0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ons and do not include values for servlets of a component allows currently active user all active sessions. Session CPU Usage (%) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	used by the components. Visit the OC4J p s to continue working, but prevents any no <u>Enable</u> Session Memory Usage (MB) 0 0 0	Dage from the Related aw users from using Disable Sessions 0 0 0	<u>⊗ Return to</u> ed Links section t g that component.
Performance omponents ne CPU and Memory Usage values are the CPU and Memory Usage values top the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME Shared Session Memory Usage (ME elect All Select None elect All Select None elect Name Discoverer Plus Discoverer Viewer Discoverer Portlet Provider	e only for Discoverer sessi for the servlets. Disabling neral section to terminate) 0.0) 0.0 Enabled Enabled Enabled Enabled	ons and do not include values for servlets of a component allows currently active user all active sessions. Session CPU Usage (%) 0 0 0	used by the components. Visit the OC4J p is to continue working, but prevents any no <u>Enable</u> Session Memory Usage (MB) 0 0 0	Dage from the Related and users from using Disable Sessions 0 0 0	Return to ed Links section to that component.
Performance omponents the CPU and Memory Usage values are the CPU and Memory Usage values top the Discoverer service from the Ge Total Session Memory Usage (ME Shared Session Memory Usage (ME elect All Select None elect Name Discoverer Plus Discoverer Viewer Discoverer Portlet Provider elated Links racle HTTP Server	e only for Discoverer session for the servlets. Disabling neral section to terminate 3) 0.0 3) 0.0 5 5 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	ons and do not include values for servlets of a component allows currently active user all active sessions. Session CPU Usage (%) 0 0 0 0	used by the components. Visit the OC4J p s to continue working, but prevents any no <u>Enable</u> Session Memory Usage (MB) 0 0 0	Dage from the Related aw users from using Disable Sessions 0 0 0	Return to ed Links section to that component.

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55. Проверим состояние компонентов Middle Tier: Forms

ORACLE Enterprise Manager 10g Application Server Control	Logs	Preferences Help
Farm > Application Server: oramid1.scias.ru.oracle.com > Forms		
Forms		
Overview User Sessions Configuration Environment Forms Utility		
	Page Refreshed May 25, 2004 2	2:49:35 AM 🖹
General	CPU Usage Memory Usage	
Status Up New Connections Enabled Yes Disable	 Forms (0%) Idle (80%) Other (20%) 	
Forms Services Configuration	Response and Load	
Serviet URL http://scias.ru.oracie.com:80/forms90/190serviet Oracle Home c:\oramid1	Response Time (ms) User Sessions	
Overview User Sessions Configuration Environment Forms Utility		
Copyright © 1996, 2004, Oracle. All rights reserved. <u>About Oracle Enterprise Manager 10g Application Server Control</u>	<u>a Preferences Help</u>	
		-



56. Проверим состояние компонентов Middle Tier: OC4J:home

ORACLE Enterprise Manager 10g Application Server Control Farm > Application Server: oramid1.scias.ru.oracle.com > OC4J: home OC4J: home Home Applications	Logs Preferences Help
	Page Refreshed May 25, 2004 2:50:16 AM
General Status Up Stop Res Start Time May 24, 2004 7:55:16 PM Stop Res Virtual Machines 1 1 Image: Constant of the second se	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 1
	Active EJB Methods 0 Method Execution Time (seconds) 0.00 Method Execution Rate (per second) 0.00
Home Applications Administration	
	Preferences Help

About Oracle Enterprise Manager 10g Application Server Control



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57. Проверим состояние компонентов Middle Tier: OC4J:OC4J_BI_Forms

ORACLE Enterprise Manager 10g	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
Status Up Start Time May 24, 2004 11:00:08 PM Virtual Machines <u>1</u>	CPU Usage (%) 0.07 Memory Usage (MB) 51.91 Heap Usage (MB) 13.33
JDBC Usage	Response - Servlets and JSPs
Open JDBC Connections 2 Total JDBC Connections 2 Active Transactions 0 Transaction Commits 0 Transaction Rollbacks 0	Active Sessions 0 Active Requests 1 Request Processing Time (seconds) 0.006 Devices of the second 0.21
	Response - EJBs
	Active EJB Methods 0 Method Execution Time (seconds) 0.00 Method Execution Rate (per second) 0.00
Home Applications Administration	
Logs Prefere	nces Help

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58. Проверим состояние компонентов Middle Tier: OC4J:OC4J_Portal

ORACLE Enterprise Manager 10g Application Server Control Farm > Application Server: oramid1.scias.ru.oracle.com > OC4J: OC4J_Portal	Logs Preferences Help
OC4J: OC4J_Portal	
Home Applications Administration	
	Page Refreshed May 25, 2004 2:52:16 AM <table-cell></table-cell>
General	Status
Start Time May 24, 2004 7:55:29 PM Virtual Machines 1	Memory Usage (MB) 61.59 Heap Usage (MB) 16.37
JDBC Usage	Response - Servlets and JSPs
Open JDBC Connections 5 Total JDBC Connections 46 Active Transactions 1 Transaction Commits 1 Transaction Rollbacks 0	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	
Copyright © 1996, 2004, Oracle. All rights reserved.	nces Help

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59. Проверим состояние компонентов Middle Tier: OC4J:OC4J_Wireless

ORACLE Enterprise Manager 10g Application Server Control Farm > Application Server: oramid1.scias.ru.oracle.com > OC4J: OC4J_Wireless	Logs Preferences Help
OC4J: OC4J_vvireless	
Home Applications Administration	
	Page Refreshed May 25, 2004 2:52:45 AM 📑
General Status Up Stop Restart Statt Time May 24, 2004 7:54:55 PM I I JDBC Usage 1 I I Open JDBC Connections 7 I I Total JDBC Connections 8 Active Transactions 1 Transaction Commits 0 I I	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 0
	Method Execution Time (seconds) 0.00 Method Execution Rate (per second) 0.00
Home Applications Administration	- <u>w</u>
	nces I Help

About Oracle Enterprise Manager 10g Application Server Control



60. Проверим состояние компонентов Middle Tier: Portal:portal

Control Application Server Control Farm > Application Server: oramid1.scias.ru.oracle.com > Portal:portal Portal:portal		Logs Preferences Help		
	Page	e Refreshed May 25, 2004 2:53:23 AM 🛛 📳		
General Status Up	Component Status			
Average Page Requests Per Hour 29 Homepage Download (seconds) 0.156 Monitoring Services Up	Component HTTP Server mod_plsql Services	Up/Down		
OracleAS Metadata Repository Used By PortalStatusUpNameasdb10Start TimeMay 24, 2004 7:53:26 PMDatabase Version9.0.1.5.1Repository Version9.0.4.0.99	Web Cache Parallel Page Engine Services Providers Syndication Services Ultra Search			
	Severity Status OracleAS components used by Portal that indicate severity status.			
	mod_plsql Services Parallel Page Engine Services OK ✔ Warning ⚠ Critical ➤ Unknown			
Administration Portal Web Cache Settings				

Related Link

Portal End User Default Homepage

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61. Проверим состояние компонентов Middle Tier: Reports Server: rep_scias

ORACLE: Enterprise Manager 10g Application Server Control Application Server Farm > Application Server: oramid1.scias.ru.oracle.com > Reports Server: rep. scias Reports Server: rep. scias	erver: rep_scias		Logs Preferences Help
Reports Berver. rep_selas			
Home Engines			Page Retrieved May 25, 2004 2:54:21 AM 특징
General			Configuration
Current Status Up Start Time May 24, 2004 11:00:43 PM Version 9.0.4.0.33			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 Dependent Components 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	仓	May 24, 2004 7:53:21 PM	
Web Cache	仓 ①	May 24, 2004 7:53:21 PM	
Portal:portal		N/A	
Administration Configuration Edit Configuration File Server Trace Server	er Log	וייזמע 24, 2004 דו 00.00 PM	
Home Engines			
Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control	Logs Pref	erences <u>Help</u>	

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62. Проверим состояние компонентов Middle Tier: Web Cache

Application	.← Enterprise Manage on Server Control pplication Server: oramic	d <u>1.scias.ru.oracle.com</u> > Web Cache				Logs Preferences Help	•
Web C	ache						_
						Page Refreshed May 25, 2004 2:54:55 AM 🖉	5
Gene	ral			Activity			
	Status Up Since CPU Usage (%) Memory Usage (MB) Cache Size Limit (MB) Cache Size (MB) Cached Documents	Up May 24, 2004 7:53:21 PM 0.00 20.33 500.00 39.11 210	Stop Restart	Requests Per Second Data Served (MB/second) Errors Per Second Open Connections Active Sessions Origin Server Backlog	0.00 0.00008 0.00 1 58 0		
Perfor	mance						_
Activity	<u>Origin Servers</u>	Popular Requests					
Admini	stration						
Web Cach	e Administration)
Copyright ©1 <u>About Oracle</u>	1996, 2004, Oracle. All rights Enterprise Manager 10g App	reserved. plication Server Control	Logs Prefere	ences <u>Help</u>			



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63. Проверим состояние компонентов Middle Tier: Wireless

Application Server: oramid1.sclas.ru.oracle.com	> Wireless				
reless					
	Page Refreshed May 2:	5, 2004 2:55:55 AM			
e Site Performance Site Administration					
<u></u>					
eneral	Response and Load				
	Start All Stop All Active Ses	Start All Stop All Active Sessions 0			
Status Up	Average Response Time (sec Average Session Duration (sec	Average Response Time (seconds) Average Session Duration (seconds)			
Version 9.0.4.0.0	Applications Inv	voked O			
Host scias.ru.oracle.com OC4 Unstance OC4 L Wireless J2ME Applications Downloaded					
Configuration Status Not Configured	Notifications	Sent U Sent O			
Related Link <u>Basic Site Configuration</u>	Messages Messages Rec	ceived 0			
Required configuration for the	e Wireless Site IV TIP This data is based on the last 10 minutes.				
eb-Based Applications					
/eh-based applications are the OC4.I applications runr	ning in the Wireless OC4. I instance. They must be started and stopped together by	~			
arting and stopping the OC4J instance.	(Start OC4J Instanc	stop OC4J Instan			
ame	Туре	Status			
YN_ADAPTATIONSERVER_1014	Multimedia Adaptation Server	Û			
YN_ASYNCAGENT_1016	Async Listener	(D)			
DYN_HTTPSRV_1015 Multi-Channel Server					
VALUE NEEDOWOEDVED 4049	_J2MEPROXYSERVER_1013 J2ME Web Service Proxy Server				
VN_J2MEPROXYSERVER_1013	J2ME Web Service Proxy Server	①			
YN_J2MEPROXYSERVER_1013 YN_PROVISIONINGSRV_1017	J2ME Web Service Proxy Server Provisioning Server	仓 仓			
VN_J2MEPROXYSERVER_1013 VN_PROVISIONINGSRV_1017 tandalone Processes	J2ME Web Service Proxy Server Provisioning Server				
YN_J2MEPROXYSERVER_1013 YN_PROVISIONINGSRV_1017 :tandalone Processes tandalone processes are the Wireless processes whic	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted.	Add Proce			
OYN_J2MEPROXYSERVER_1013 OYN_PROVISIONINGSRV_1017 Itandalone Processes tandalone processes are the Wireless processes whice Select a process and	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted.	Add Proce			
DYN_J2MEPROXYSERVER_1013 <u>YN_PROVISIONINGSRV_1017</u> tandalone Processes tandalone processes are the Wireless processes which Select a process and	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable	Add Proce			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 tandalone Processes tandalone processes are the Wireless processes which Select a process and elect Name Control of the 1991	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable	Add Proces Start Stop Delete Enabled			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 itandalone Processes tandalone processes are the Wireless processes which Select a process and elect Name perfmonitor_1001	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Status Performance Monitor	Add Proce Start Stop Delete Enabled ✓			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes white Select a process and elect Name • perfmonitor_1001 • messaging_gtwy_1000 • 10000	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Type Status Performance Monitor Messaging Server	Add Proces Start Stop Delete Enabled			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes white Select a process and elect Name perfmonitor_1001 messaging_gtwy_1000 notification_evtcol_1002 	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Status Performance Monitor Messaging Server ① Notification Event Collector ↓				
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone processes tandalone processes are the Wireless processes white Select a process and elect Name perfmonitor_1001 messaging_gtwy_1000 notification_evtcol_1002 notification_eng_1003 	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Type Performance Monitor Messaging Server ① Notification Event Collector ① Notification Engine ②	↑ ↑ ↑ Add Proce Start Stop Delete Enabled ✓			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes whice Select a process and elect Name org/perfmonitor_1001 org/perfmonitor_1002 org/perfmonitor_eng_1003 org/perfmonitor_structure perfmonitor_structure perfmonitor_1004	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Type Type Messaging Server Messaging Server Notification Event Collector Notification Engine Location Event Server	[↑] [↑] [↑] [↑] ^{Add Proceson} ^{Start} Stop Delete ^{Enabled} [✓] [×]			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes white Select a process and elect Name perfmonitor_1001 messaging_gtwy_1000 notification_evtcol_1002 notification_eng_1003 lbevent_srv_1004 	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Type Type Messaging Server Messaging Server Notification Event Collector Notification Engine Location Event Server	↑ ↑ ↑ Add Proces Start Stop Delete Enabled ✓			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes white Select a process and elect Name perfmonitor_1001 messaging_gtwy_1000 notification_evtcol_1002 notification_eng_1003 lbevent_srv_1004 Stance Configuration	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Type Type Messaging Server Messaging Server Notification Event Collector Notification Engine Location Event Server	↑ ↑ ↑ Add Proce Start Stop Delete Enabled ✓ ✓			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes which Select a process and elect Name perfmonitor_1001 messaging_gtwy_1000 notification_evtcol_1002 notification_eng_1003 lbevent_srv_1004 stance Configuration agging_Directory	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Server Type Type Messaging Server Messaging Server Notification Event Collector Notification Engine Location Event Server	↑ ↑ ↑ Add Proce Start Stop Delete Enabled ✓ ✓			
DYN_J2MEPROXYSERVER_1013 DYN_PROVISIONINGSRV_1017 Standalone Processes tandalone processes are the Wireless processes which Select a process and elect Name perfmonitor_1001 messaging_gtwy_1000 notification_evtcol_1002 notification_eng_1003 lbevent_srv_1004 Stance Configuration 2gging_Directory iew Log File	J2ME Web Service Proxy Server Provisioning Server ch can be started and stopped individually. A standalone process can also be added or deleted. Enable/Disable Server Type Status Performance Monitor Messaging Server Motification Event Collector Notification Engine Location Event Server Instance URLs 	[↑] [↑] [↑] [↑] ^{Add Proce ^{Add Proce ^{Enabled} [✓] [✓] [✓] [✓] [✓] [×]}}			



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





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





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 platformspecific 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 an a consiste CD DOM in the Oracle Application Server CD near New concles access the Ouisle Tour from Oracle

Start	🖸 🥭	C	🕗 Oracle Applicatio	Smidtier	installmidtier.ppt	🔄 midtier	Oracle Enterprise M	
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Oracle Technology Network for important information about Oracle Application Server 10g. de Oracle Enterprise

Read the latest Release Notes on

Demonstrations V New Features

Release Notes

Welcome

Manager Application Server Control

Log on to Oracle Enterprise Manager Application Server Control using the las 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

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



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

Welcome | Demonstrations | New Features

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Информация для контактов по техническим вопросам:

Отдел предпродажного консалтинга по базовым технологиям Oracle CIS: phone: (095)2584180

fax: (095)2584190

Игорь Лукьянов Ведущий консультант по OAS продуктам igor.lukjanov@oracle.com

