### Инсталляция инфраструктуры (Infrastructure) сервера приложений Oracle Application server 10g



# 1. Подготовка дистрибутива для инсталляции инфраструктуры.

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	콑 B13180-01.zip	266,597 KB	WinZip File	12/29/2003 11:40 PM	
	콑 B14667-01.zip	436,370 KB	WinZip File	4/7/2004 7:58 PM	
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	콑 B14670-01.zip	333,545 KB	WinZip File	4/7/2004 9:50 PM	
	콑 B14671-01.zip	121,757 KB	WinZip File	4/7/2004 8:34 PM	
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1	🗐 B14794-01.zip	333,793 KB	WinZip File	5/4/2004 10:55 PM	
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	Oracle Application	148 KB	HTML Document	5/17/2004 11:34 AM	
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### 2. Проверка компонент дистрибутива.

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le Application Server 10g				
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	
P						,			111

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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		
<ul> <li>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</li> <li>build and deploy dynamic Web sites, J2EE applications and Web services</li> <li>create personalized portals</li> <li>make sites and applications accessible from both traditional browsers and mobile devices</li> <li>run any Web site or Internet application faster than any other application server on the market</li> <li>provide real-time, personalized recommendations based on visitor "click," purchase, demographic and ratings data</li> <li>integrate existing applications, data sources and trading partners into one common e-business infrastructure</li> <li>collaborate effectively with all your stakeholders</li> <li>manage and secure all of your Web infrastructure</li> <li>scale your Web sites and applications as your business grows and deliver reliable, 24*7 service to all your users around the gl</li> </ul>	omprehensiv ng: obe	re,
		<u>•</u>
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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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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
ORA	ACLE	
All Rights	s Reserved.	
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### 6. Вернулись в исходное положение Disk1: "CD 1 of 3". Запустили файл setup.exe

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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	
You have the following Oracle products installed:	
There are no installed products.	
Show empty homes.	
If you want to remove Oracle software, please check the items and click "Remove".	
Remove	
Help     gave As     Close	D



## 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.

	nite sal fistaler. Specify the Locations	
Spec	ify File Locations	
opeo		
Source	e	
Enter th	e full path of the file representing the product(s) you want to install:	
Paţh:	C:\top\igor\distrs\oas10gwin\14699\stage\products.jar	Browse
4		
Destin	lation	
Enter or		
Enter of	r select an Oracle Home name and its full path:	
Na <u>m</u> e:	select an Oracle Home name and its full path: orainf	
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P <u>a</u> th: <u>H</u> elp	select an Oracle Home name and its full path: orainf C:\orainf Installed Products Back Next	Browse Browse About <u>O</u> racle Universal Installer Install <u>C</u> ancel



### 13. После нажатия кнопки "Next" Oracle Universal Installer начал загружать mapping of products.

🗽 Loading A	Product Information	
Speci	Loading products. Pleas	e wait. 0%
Source		
Enter the	full path of the file representing the product(s) you want to install:	
Destin:	ation	Browse)
Enter or	select an Oracle Home name and its full path:	
Na <u>m</u> e:	orainf	
P <u>a</u> th:	C:torainf	Browse
	About Qraci Installed <u>P</u> roducts <u>Back</u> <u>Next</u> !	e Universal Installer nstall 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. Product Languages... Installed Products... Help Back Next Install Cancel DRACLE



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 which your product Oracle Application Server 10g 9.0.4.0.0 will run.	
Available Languages: Arabic Brazilian Portuguese Canadian French Czech Danish Dutch English (United Kingd Finnish	
Help OK Cancel	D



# 16. Выберем продукт для инсталляции. Мы инсталлируем инфраструктуру.

🐨 Oracle Universal Installer: Select a Product to Install

### Select a Product to Install

#### O 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.

#### O 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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17. А здесь уже выбор есть, если мы хотим создать распределенную в системе инфраструктуру, или имеем предисторию для нашей системы в ее жизненном цикле. \_ 🗆 🗙

🕈 Oracle Universal Installer: Select Installation Type

### Select Installation Type OracleAS Infrastructure 10g 9.0.4.0.0

What type of installation do you want?

Identity Management and OracleAS Metadata Repository (2.69GB)

This option installs and configures Identity Management services (Oracle Internet Directory, Single Sign-On, Delegated Administration Service, Directory Integration Platform, and Certificate Authority) and an Oracle 9.0.1.5 database containing the OracleAS Metadata Repository. (Requires 1024 MB RAM configured on your machine)

#### Identity Management (588MB)

This option installs and configures Identity Management services (see above for component list). To configure Oracle Internet Directory or Certificate Authority, you need an existing OracleAS Metadata Repository. (Requires 512 MB RAM configured on your machine)

#### OracleAS Metadata Repository (2.69GB)

This option installs a new Oracle 9.0.1.5 database containing the OracleAS Metadata Repository. This Repository can be used by OracleAS Instances and/or Identity Management services. To install the Repository into an existing database, use the OracleAS Repository Creation Assistant, available on another CD. (Requires 750 MB RAM configured on your machine)





# 18. В life-cycle мы на точке "zero" – выбираем полный кластер программного обеспечения.

Analyzing dependencies	
Executing pre-requisites	
21%	
Select Installation Type	
OracleAS Infrastructure 10g 9.0.4.0.0	
What type of installation do you want?	
Identity Management and OracleAS Metadata Repository (2.69GB)	
This option installs and configures Identity Management services (Oracle Internet Directory, Single Sign-On, Delegated Administration Service, Directory Integration Platform, and Certificate Authority) and an Oracle 9.0.1.5 database containing the OracleAS Metadata Repository. (Requires 1024 MB RAM configured on your machine)	
Oldentity Management (588MB)	
This option installs and configures Identity Management services (see above for component list). To configure Oracle Internet Directory or Certificate Authority, you need an existing OracleAS Metadata Repository. (Requires 512 MB RAM configured on your machine)	1
O OracleAS Metadata Repository (2.69GB)	$\sim$
This option installs a new Oracle 9.0.1.5 database containing the OracleAS Metadata Repository. This Repository can l used by OracleAS Instances and/or Identity Management services. To install the Repository into an existing database, use the OracleAS Repository Creation Assistant, available on another CD. (Requires 750 MB RAM configured on your machine)	be
Help Installed Products Back Next Install Can	cel 🔵
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## 19. Попадаем на следующий экран с описанием, что же мы должны будем сделать дальше по ходу инсталляции.

Oracle Universal Installer: Preview of Steps for Infrastructure Installation	
Preview of Steps for Infrastructure Installation	
The following is a preview of the steps that you will be performing to install OracleAS Infrastructure. Be : you have the required information before proceeding with the installation.	sure
1. Select what you want to configure for your selected install type:	
Identity Management and OracleAS Metadata Repository: Oracle Internet Directory, Single Sign-On, Delegated Administration Service, Directory Integration Blatform, Cartificate Authority and Link Augilability	
Addressing.	шу
Identity Management: Oracle Internet Directory, Single Sign-On, Delegated Administration Service,	
Directory Integration Platform, Certificate Authority, High Availability Addressing. OracleAS Metadata Repository: High Availability Addressing.	
<ol> <li>Configure a new Oracle Internet Directory, or specify an existing Internet Directory:</li> <li>new Internet Directory: Enter the Identity Management Realm for OracleAS use. You can just choose</li> </ol>	e
the default.	
<ul> <li>existing Internet Directory: Enter its location and connect information.</li> </ul>	
3. Configure a new database for Metadata Repository, or specify an existing database that already	
contains the Metadata Repository: new database: Enter the location for its data files, database name, character set, and operating	
system groups that can manage the database.	
<ul> <li>existing database: Enter the location and connect information for the database</li> </ul>	
Help Installed Products Back Next Install O	≥ancel
RACLE	



# 19а. Читаем внимательней, что же мы будем делать, и жмем кнопку "Next".

1. Select what you want to configure for your selected install type:

Identity Management and OracleAS Metadata Repository: Oracle Internet Directory, Single Sign-On, Delegated Administration Service, Directory Integration Platform, Certificate Authority and High Availability Addressing. Identity Management: Oracle Internet Directory, Single Sign-On, Delegated Administration Service, Directory

Integration Platform, Certificate Authority, High Availability Addressing.

OracleAS Metadata Repository: High Availability Addressing.

- 2. Configure a new Oracle Internet Directory, or specify an existing Internet Directory:
  - new Internet Directory: Enter the Identity Management Realm for OracleAS use. You can just choose the default.
  - existing Internet Directory: Enter its location and connect information.

3. Configure a new database for Metadata Repository, or specify an existing database that already contains the Metadata Repository:

- new database: Enter the location for its data files, database name, character set, and operating system groups that can manage the database.

- existing database: Enter the location and connect information for the database.

4. If configuring High Availability Addressing: Enter the hostname of your load balancer (in a Real Application Clusters environment) or the virtual hostname (in a cold failover cluster or Data Guard environment).

- 5. If configuring Certificate Authority: Enter the distinguished name, key length, and CA administrator's password.
- 6. Name this OracleAS Infrastructure 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.

OracleAS Metadata is always configured.

If you want to use an existing Oracle Internet Directory, deselect it. The installer will then prompt you to enter the location of the existing Oracle Internet Directory.

	Component	Description		
	OracleAS Metadata Repository	Configures OracleAS Metadata Repository.		
	Oracle HTTP Server	Serves static and dynamic Web content.		
	OracleAS Containers for J2EE	Runs Enterprise Java applications.		
	Oracle Internet Directory	Configures an LDAP server for identity and secur		
	OracleAS Single Sign-On Configures a directory-enabled single sign-on fo			
	Delegated Administration Service Provides web-based identity and security admini			
	Oracle Directory Integration and Provisioning Enables directory synchronization and user and			
	OracleAS Certificate Authority	Creates and manages security certificates.		
		D		
H	elp Installed <u>P</u> roducts	Back Next Install Cancel		
	CLE.			



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21. Здесь предыдущий экран, но показан нижний, прежде невидимый, компонент "High Availability Addressing". Если, мы не планировали установку инфраструктуры на любой тип кластера – избираем все компоненты без последнего.

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. OracleAS Metadata is always configured. If you want to use an existing Oracle Internet Directory, deselect it. The installer will then prompt you to enter the location of the existing Oracle Internet Directory. Component Description 17 OracleAS Metadata Repository Configures OracleAS Metadata Repository. Oracle HTTP Server Serves static and dynamic Web content.  $\nabla$ Runs Enterprise Java applications. OracleAS Containers for J2EE Oracle Internet Directory Configures an LDAP server for identity and securit ... OracleAS Single Sign-On Configures a directory-enabled single sign-on for ... **Delegated Administration Service** Provides web-based identity and security adminis... Oracle Directory Integration and Provisioning Enables directory synchronization and user and gr... OracleAS Certificate Authority Creates and manages security certificates. High Availability Addressing Enables High Availability for OracleAS Infrastructure. Installed Products.. Cancel Help Back Next Install ORACLE



22. Выбираем область в Oracle Internet Directory, включающую пользователей, группы, и др., а также специфические правила управления идентификацией объектов в этой области.

🗽 Oracle Universal Installer: Spe	cify Namespace in Internet Directory	
Specify Namespac	e in Internet Directory	
On a side a large tion of a new second	in Onesla Internet Director de contein come annue a contributio	
Specify a location, or namespa Management policies. This nar	ce, in Oracle Internet Directory to contain users, groups, and identity nespace will be the default Identity Management Realm.	
Suggested Namespace:	dc=ru,dc=oracle,dc=com	
O Custom Namespace:		
	Example: dc=acme,dc=com	
		$\langle \ \rangle$
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# 23. Для выписывания цифровых сертификатов определим уникальный идентификатор нашего ОСА в стандартной выделенной форме DN:CN,OU,O,C (X.500-стандарт, LDAP).

👷 Oracle Universal Installer: Specify OCA Distinguished Name							
Specify OCA Distinguished Nar	ne						
To issue digital certificates OracleAS Certificate Autho Distinguished Name(DN) based on the X.500 standa	rity must have a unique identifier in the form of a rd.						
Enter the DN you want OracleAS Certificate Authority to you can specify a custom DN.	o use. You can enter a typical set of DN components, or						
Typical DN:							
Common Name (CN):	ORA CIS Base Consulting Authority						
Organizational Unit (OU):	Moscow Department						
Organization (O)*:	Oracle Corporation						
Country (C):	Russian Federation						
O Custom DN:							
Example DN: CN=Acme Certificate Authority,OU=American Division,O=Acme Corporation,C=US							
Help Installed Products (	Back Next Install Cancel						
ORACLE							

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24. Выберем длину ключей для цифровых сертификатов в диапазоне от 1024 bit до 4096 bit, но будем осторожны: с большей длиной ключа – обмен будет медленней.

🗽 Oracle Universal In	nstaller: Specify OCA Key Length	<u> </u>
Specify OC	A Key Length	
OracleAS Certificate security, but require recommends that y	e Authority uses a key to sign digital certificates. Longer key lengths provide stron e more time to issue each new certificate. Select the desired key length. Oracle you use atleast a 2048-bit key length.	ger
Key Length (bits):	2048	-
		<
		$\propto$
		$\sim$
Help	Installed Products Back Next Install	Cancel
ORACLE"		



# 25. Выберем важный пароль для нашей системы. Пароль ОСА не укладывается по логике вещей в стандарт RFC (объяснить) – он слишком часто нужен.

🗽 Oracle Universal Installer: S	pecify OCA Administra	ator's Password			_ 🗆 🗙
Specify OCA Adr	ninistrator's	Password			
Provide a password for the C characters.	racleAS Certificate Aut	hority administra	tor. The passw	ord must be at lea	ast 8
Administrator's Password:	++++++++				
Confirm Password:	*****				
					5
					$\langle \rangle \langle \rangle$
				~ · · ·	$\sim$
Concession of the local division of the loca	-		$\mathcal{N}$	$\checkmark$ X	$\sim$
Help Installe	ed <u>P</u> roducts	Back	Next	[nstall	Cancel
ORACLE					



# 26. Не стоит выбирать одно и то же GDN (Global Database Name) для всех инстансов в Вашей системе.

Oracle Universal Installer: Database Identification

### **Database Identification**

An Oracle9i database is uniquely identified by a Global Database Name, typically of the form "name.domain". Enter the Global Database Name for this database.

Global Database Name: asdb10.ru.oracle.com

A database is referenced by at least one Oracle9i instance which is uniquely identified from any other instance on this computer by an Oracle System Identifier (SID). A suggested SID has been entered which you can accept or change to a value you prefer.

SID:	asdb10				
				$\sim$	
-	the second s	_	$\mathcal{L}\mathcal{D}$	$\langle \frown \rangle$	$<$ $\times$
Help	Installed <u>P</u> roducts	Back	Next	Install	<u>C</u> ancel
ORACLE			N(7)		



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## 27. Здесь Вы можете проявить самостоятельность, но не стоит выбирать "dba12345", "oracle10g", "god\_123" и т.д.

🗽 Oracle Universal In	staller: Set SYS and SYSTI	EM Passwo	ords			
Set SYS and	d SYSTEM Pas	sword	s			
Enter SYS passwor	d.					
SYS password:	*****					
Confirm password:	****					
Enter SYSTEM pass	sword.					-
SYSTEM password:	*******					
Confirm password:	*****					
			Back	$\Box$		
	Installed Products		Back	Next	install	Cancel



28. Если это не инсталляция на аппаратный кластер, то постарайтесь учесть рост объема информации в базе данных. Но и в обратном случае, это нужно делать тоже. Все-таки, это может быть и монтированная файловая система, если Вы уверены в себе и своей сети (объяснить). Также, читаем ниже.





29. Без комментариев – вопрос остается открытым, и зависит от приложения. В нормальном виде Java работает с Unicode. В случае проблем – обращайтесь в Support вендоров.





# 30. Выбираем уникальное имя инстанса для нашей инфраструктуры, и второй очень важный пароль, все-таки, укладывающийся в RFC-стандарт.

😹 Oracle Universal Installe	r: Specify Instance Nan	ne and ias_admin	Password		
Specify Instand	ce Name and i	as_admin	Passwor	d	
All OracleAS instances in host are appended to the	stalled on a host must h instance name.	nave unique name	es. The hostnar	ne and domain na	ame of the
Each OracleAS instance h Passwords are not share	ias its own password, r d across instances, eve	egardless of whic en if the instances	ch user perform were installed	ed the installation by the same user	
By default, the password characters must be a nun	must have a minimum 1ber.	of 5 alphanumeri	c characters, ar	nd at least one of t	he
Administrator Username:	ias_admin				
Instance Name:	orainf				
ias_admin Password:	*****				
Confirm Password:	*****				
					$\times$
			$\mathcal{L}\mathcal{D}$	$\checkmark$	$\sim$
Help	alled <u>P</u> roducts	Back	Next	Install	Cancel
ORACLE					



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

Oracle Universal Installer: Summary

### Summary

#### OracleAS Infrastructure 10g 9.0.4.0.0



-Source: C:\top\igor\distrs\oas10gwin\14699\stage\products.jar

Oracle Home: C:\orainf (orainf)

-Installation Type: Identity Management and OracleAS Metadata Repository

#### ⊖-Product Languages

-Russian

-English

Help

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-Space Requirements

-C:\ Required 2.73GB (includes 36MB temporary) : Available 21.50GB

#### -New Installations (225 products)

-Advanced Queueing (AQ) API 9.0.1.5.0

-Advanced Replication 9.0.1.5.0

-Agent Required Support Files 9.0.4.0.0

Anasha Configuration for EID 0.0.4.0.4

Installed Products...

Back

Next Install



Cancel

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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.



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

Jaws P	PDF PDF Content	Adobe Reader	
Eald	🔀 Oracle Universal Ins	italler: Install	IX
=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\state       prowse	
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 R	nitoring,	2.jpg
::30 PM	creating file 'C:\orainf\	Help		OK Ca	ncel n Rep	nt plication,	Ref 1
	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 <sup>®</sup>			24.jpg	25.jpg	26.jpg	27.jpg
							ACLE

36. ОШ запускает конфигурационные ассистенты, которые он же и рекомендовал 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**

Th	e following configuration assistants will configure and sta	art the components you	selected earlier.	
	Tool Name	Status	Туре	
	Oracle Net Configuration Assistant	Succeeded	Recommended	
	HTTP Server Configuration Assistant	Succeeded	Recommended	
	OC4J Configuration Assistant	Succeeded	Recommended	
	Java Security Configuration Assistant	In progress	Recommended	
	OracleAS Instance Configuration Assistant	Pending	Recommended	
	Oracle Database Configuration Assistant	Pending	Recommended	
			Retry Sto	q
De	tails (see full log at C:\Program Files\Oracle\Inventory\log	s\installActions2004-0	5-22_09-33-28AM.log):	
== 0. Re Re	ereeseseseseseseseseseseseseseseseseses	ty Configuration Assista	ant":	
)R	Help Installed Products Ba	ack <u>N</u> ext	[nstall <u>C</u> an	cel



\_ 🗆 🗵

# 37. Запустился Database Configuration Assistant.

🖺 Oracle Database Configu	uration Assistant	X
	Copying database files Initializing database Creating and starting Oracle instance Completing Database Creation Running Custom Scripts	
	Clone database creation in progress	
	5%	
	Stop	

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# 38. Запустился Database Configuration Assistant. На фоне работает sqlplus.exe





39. Теперь на работающий инстанс базы будут устанавливаться схемы, обеспечивающие функционирование сервера приложений OAS 10g, которые инкапсулируются в файлы базы данных.

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Oracle Universal Installer: Configuration Assistants

### **Configuration Assistants**

The following configuration assistants will configure and start the components you selected earlier.



# 40. Поздравления. OUI считает, что программное обеспечение для инфраструктуры OAS 10g установилось не плохо.

Oracle Universal Installer: End of Installation	<u> </u>
End of Installation	
The installation of OracleAS Infrastructure 10g was successful.	
Please remember	
http://scias.ru.oracle.com:1810 OracleAS Certificate Authority Access Information	
OCA User Page: https://scias.ru.oracle.com:4400/oca/user OCA Admin Page: https://scias.ru.oracle.com:4400/oca/admin	
This information is also available through OracleAS main website under the port information link.	
Installation of OracleAS Infrastructure is Complete.	▫
Click the Release Information button to view current release information.	
Release Information	
Help Installed Products Back Next Install	Exit



### 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:\orainf\Apache\Apache\setupinfo.txt

\_\_\_\_\_

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

http://scias.ru.oracle.com:7777

\_\_\_\_\_

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

http://scias.ru.oracle.com:1810 OracleAS Certificate Authority Access Information

OCA User Page: https://scias.ru.oracle.com:4400/oca/user OCA Admin Page: https://scias.ru.oracle.com:4400/oca/admin

This information is also available through OracleAS main website under the port information link. Installation of OracleAS Infrastructure is Complete.

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### 41. Вместо "Release information" мы кажется получили целый Application Server! Последние Release Notes нам предлагают почитать на Oracle Technology Network. Ok.



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# 42. Кажется, нам предлагали помощь везде в процессе инсталляции. но она нам не понадобилась.





# 43. Нажмем кнопку "Installed Products". Да, кажется, инфраструктура инсталлирована.

http://scias.ru.ora	
OracleAS Certific:	Contents Environment
OCA User Page: I OCA Admin Page This information i: information link. Installation of Ora	Oracle Homes       Oracle And the product interaction.       Oracle Homes       Oracle As Infrastructure 10g 9.0.4.0.0
Click the Release Ir Release Informati	Product Information Location: Not Available



44. Перейдем на другую закладку "Environment". Кажется, нам предлагают неплохую вещь. Послушаем совет, сохраним предлагаемый путь, но не будем спешить, если мы делаем инсталляцию многих инстансов на одном хосте.

End of Install	otion							
End of install	ation							
The installation of	OracleAS Infrastructu	re 10g was successful.						
Please remember	Inventory		×					
http://scias.ru.ora OracleAS Certific:	Contents <u>Environme</u>	ntl						
======	Central Inventory Location	Central Inventory Location: "C:\Program Files\Oracle\Inventory"						
OCA User Page: I OCA Admin Page	Select the Oracle Homes to add to your PATH environment variable. Use the arrows to control their order:							
o or manimir ago	Select Home Name	Home Path						
This information is	orainf	C:\orainf						
Information link. Installation of Ora			÷					
Click the Release Ir	Path:							
Release Informati	C:\orainf\bin;C:\orainf\jlib; \bin\client;C:\orainf\jre\1.4 SystemRoot%;%SystemF	C:\orainf\jre\1.1.8\bin;C:\orain .2\bin;%SystemRoot%\syster Root%\System32\Wbem	fljre\1.4.2 n32;%					
Help			Exit					



### 45. Нажали кнопку "Exit".

На всплывающем окне подтвердили наше решение.





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

🍇 Services				
<u>A</u> ction ⊻iew	← →   🖮 🖬 😭 🚱 😫 🗍	▶ ■    ■>		
Tree	Name 🛆	Description	Status	Startup 🔺
Services (Local)	NetMeeting Remote Desktop Sharing	Allows aut		Manual
sha	Network Connections	Manages o	Started	Manual
	Network DDE	Provides n		Manual
	Network DDE DSDM	Manages s		Manual
	NT LM Security Support Provider	Provides s		Manual
	NVIDIA Driver Helper Service		Started	Automat
	CracleorainfASControl		Started	Automat
	CracleorainfClientCache		Started	Manual
	CracleorainfProcessManager		Started	Automat
	CracleorainfTNSListener		Started	Automat
	CracleServiceASDB10		Started	Automat
	Reformance Logs and Alerts	Configures		Manual 🦳
	🍓 Plug and Play	Manages d	Started	Automat
	Rint Spooler	Loads files	Started	Automat
	Rotected Storage	Provides pr	Started	Automat
	RSVP QoS RSVP	Provides n		Manual
	Remote Access Auto Connection Manager	Creates a		Manual
	Remote Access Connection Manager	Creates a	Started	Manual 💌
				Þ



46. Инсталляция закончена, теперь надо проверить работоспособность инфраструктуры и ее компонентов. Кажется, нам вежливо предлагали запомнить этот линк.





## 47. Кого угодно здесь не ждут. Но Вы знаете пароль для ias\_admin.

		r.
	http://scias.ru.oracle.com:1810/ - Microsoft Internet Explorer	
	File Edit View Favorites Tools Help	
fr	🗢 Back 🔹 🤿 🖉 🙆 🖓 🔞 Search 📾 Favorites 🛞 Media 🎯 🖏 🖓 🖓 🖉 🐨 🗐 🗖	
	Address 🙆 http://scias.ru.oracle.com:1810	
3aı		
es		1
	Enter Network Password	
		16 in
f	Please type your user name and password.	10.,p
	Site: scias.ru.oracle.com	
G	Realm enterprise-manager	24 4
dif	User Name ias_admin	24.jp
э;	Password ******	
rit	Save this password in your password list	22 in
	OK Cancel	יענייבין
200 21		10.10
1		HU.JP
		2
	😂 Done	8.jpc

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## 48. "Application Server Control", "Farm", "OAS 10g Instance".

🚰 Oracle Enterprise Manager - Farm: asdb10.ru.oracle	e.com - Microsoft Internet Explorer	_ <b>_</b> ×			
File Edit View Favorites Tools Help					
🗢 Back 🔹 🔿 🖌 🙆 🚮 🛛 🎯 Search 🛛 📷 Favorite	es 🛞 Media 🧭 🗟 🗸 🎒 🗹 🗐				
Address 🚳 http://scias.ru.oracle.com:1810/emd/console/ias	/clusters/farm\$farm=orainf.scias.ru.oracl	e.com 💽 🧬 Go 🛛 Links 🎽 📆 🗸			
ORACLE Enterprise Manager 10g Application Server Control		Preferences Help			
Farm: asdb10.ru.oracle.com					
Instances can be grouped and managed together b The collection of instances within a single metadata	y adding standalone instances to a a repository 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			
Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control					
ê		📄 📄 😵 Internet 🥼			
		ORACLE			

# 49. Здесь мы можем увидеть компоненты инстанса инфраструктуры.

ORACL Applicatio	_€ Enterprise Ma	nager 10 <i>g</i>						Logs Preferences Help
Farm > A	oplication Server: o	rainf scias ru oracle com						
Applica	tion Server	orainf scias ru ora	acle com					
Home	PEE Annlications	Ports Infrastructure						
						Page	Defreched May 22	2004 10:51:57 AM
						Faye	Relieshed way 22	, 2004 10.31.37 AM ES
Genei	ral		CPU Usag	ge	Memory Usage			
	Status Status Host Installation Type Oracle Home Farm	Bitop All Restart All Up scias.ru.oracle.com Infrastructure C:\orainf asdh10 ru.oracle.com	(					
	i ann	asubio.iu.oracie.com	App Idle	lication Server (0%) (91%) er (9%)	<ul> <li>Application Se</li> <li>Free (56% 1,1</li> <li>Other (30% 62</li> </ul>	rver (14% 278MB) 46MB) 2MB)		
Select /	All   Select None				( <u>E</u> nable/Disable	Components Cor St <u>a</u> rt	nfigure Component Stop <u>R</u> estart	<u>Create OC4J Instance</u>
Select	Name		Status	Start Time		CP	PU Usage (%)	Memory Usage (MB)
	HTTP_Server		仓	May 22, 2004 10:37:18 AM			0.03	35.30
	OC4J_SECURITY		仓	May 22, 2004 10:37:21 AM			0.25	36.23
	<u>oca</u>		仓	May 22, 2004 10:37:35 AM			0.00	32.46
	<u>OID</u>		仓	May 22, 2004 10:29:46 AM			0.00	9.86
	<u>Single Sign-On:ora</u>	<u>sso</u>	仓	N/A			N/A	N/A
	<u>Management</u>		仓	May 22, 2004 10:37:47 AM			0.00	164.27
© TIP Related Home	This table contains I Links <u>Process M</u> 1 <u>2EE Applications</u>	only the enabled components lanagement Ports Infrastructure	of the application	n server. Only components th	at have the checkbox er	abled can be starte	d or stopped.	
Copyright © 1	1996, 2004, Oracle. All Enterprise Manager 1(	rights reserved. Jg Application Server Control		<u>Logs</u>   <u>Preferences</u>	<u>Help</u>			)



### 50. Здесь мы можем посмотреть распределение и мапирование портов для компонентов инфраструктуры.

ORACLE Enterprise Manager 10g Logs Preferences Help Application Server Control 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 10:53:28 AM MSD The Port In Use column is empty if the port is not defined or if the component is not running. The Configure column contains an icon if you can configure the port using Enterprise Manager. Otherwise, you must refer to the component documentation. Regardless of how you modify the ports, you must consider any port dependencies before modifying a port value. More information: About OracleAS Port Dependencies Component/ Port In Use Suggested Port Range Type Configure DCM Object Cache Cache Discovery Port 7100-7199 Log Loader Management 44000-44099 0 OC4J\_SECURITY RMI 3201 3201-3300 OC4J\_SECURITY JMS 3701 3701-3800 OC4J SECURITY AJP 3301 3301-3400 P 1 AJP 3302 3301-3400 oca RMI 3202 3201-3300 oca Ì JMS 3702 loca 3701-3800 P OPMN ONS Remote 6200 6200-6299 1 OPMN ONS Request 6003 6003-6099 OPMN ONS Local 6100 6100-6199 Oracle Enterprise Manager 10g Application Server Control 1810 1810-1829 Oracle Enterprise Manager 10g Oracle Management Agent 1830 1830-1849 Oracle Enterprise Manager 10g Application Server Control RMI 1850 1850-1869 Oracle HTTP Server 7777 7777-7877 0 Listen Oracle HTTP Server OCA Mutual Authentication (SSL) 4401 4400-4419 Oracle HTTP Server OCA Server Authentication (SSL) 4400 4400-4419 Oracle HTTP Server 7200 7200-7299 Diagnostic Oracle HTTP Server 4443-4543 Listen (SSL) Oracle Internet Directory Non SSL Port 389 3060-3129 Oracle Internet Directory SSL Port 636 3130-3199 Home J2EE Applications Ports Infrastructure

Loas I Preferences I Help



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



### 52. Запустим Oracle Directory Manager





53. Создадим коннекцию к Directory Server





# 54. Добавим строку коннекции к Directory Server.





# 55. Введем domain name для Directory Server и номер порта на котором он работает





### 56. Строка коннекции установлена успешно.





57. Вернемся к экрану коннекции.

🐔 Oracle Directory Manager Connect		×
	💂 Credentials 📗	🕵 SSL
	User:	
	Password:	
Oraclo	Server:	scias.ru.oracle.com
Unacie	Port:	389
Internet Directory		SSL Enabled
		Login Cancel Help
	Copyright Oracle Co	prporation 1998, 2004. All rights reserved.



# 58. На всякий случай поглядим, что у нас на второй закладке.

🙀 Oracle Directory Manager Connect	x
	🖳 Credentials 🖳 SSL
	SSL Location:
	SSL Password:
Oracle	SSL Authentication Level: No SSL Authentication
Internet Directory	
	Login Cancel Help
	Copyright Oracle Corporation 1998, 2004. All rights reserved.



## 59. Прочитаем для чего нужна вторая закладка в Help.

🖟 Help Topic Window		
<u>Eile Go T</u> ools		
1 🔶 🗲		
	ectory Manager Connect: SSL	
<ul> <li>The server must be SSL-enabled. To enable SSL on the directory server, set the SSL parameters in the server configuration set entry.</li> </ul>		
<ul> <li>There mus</li> </ul>	t be a wallet on the client side.	
SSL Field	Action	
SSL Location	If the user's wallet is on the local machine, then type the wallet path and file name by using this syntax:	
	file: absolute_path_name	
SSL password SSL	If the wallet is on another machine, link to that location, then enter the linked path and file name of the wallet. The password to open the user's wallet Select the authentication level:	
Authentication Level	<ul> <li>No SSL AuthenticationNeither the client nor the server authenticates itself to the other. No certificates are sent or exchanged. If you selected the SSL Enabled check box on the Credentials tab, and choose this option, then only SSL encryption/decryption will be used.</li> </ul>	
	<ul> <li>SSL Client and Server AuthenticationTwo-way authentication. Both client and server send certificates to each other.</li> </ul>	
	<ul> <li>SSL Server AuthenticationOne-way authentication. Only the directory server authenticates itself to the client by sending its certificate to the client.</li> </ul>	
<b>Note:</b> If the server requires two-way authentication, then each Oracle Directory Manager user must have a unique wallet. If one-way authentication is specified, then several Oracle Directory Manager users can use a single wallet.		
See Also:	The chapter on SSL in Oracle Internet Directory Administrator's Guide	



# 60. Первый способ установки коннекции

🐔 Oracle Directory Manager Connect		×
	🖳 Credentials 📗	🖳 SSL
	User:	orcladmin 🔐
	Password:	******
Oracla	Server:	scias.ru.oracle.com 📃 🖳
Uracie	Port:	389
Internet Directory		SSL Enabled
		Login Cancel Help
	Copyright Oracle Co	rporation 1998, 2004. All rights reserved.

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# 61. Второй способ установки коннекции

	Jaws PDF		k Adaba Daaday	
14699			Select Distinguished Name (DN) Path:	×
e Edit View F	avorites Tool	s Help		
Back 👻 🔿 👻 🔂	🔯 Search	Eolders	⊖-02 All Entries	
dress 🔂 14699			🗈 🕼 cn=OracleContext	
		<u> </u>	🗈 🕼 cn=OracleSchemaVersion	ols Help
🔁 🤬 Oracle Direc	ctory Manage	r Connect	Ö-02 dc=com	×,
<b>E</b>	122		॑ <b>-</b> 02 dc=oracle	
LA	132			
DO			🕁 🕼 cn=Calendar Server	
ext	4 m		🕀-🕼 cn=Groups	
lod			🕀 🕼 cn=OracleContext	
ize				
ttr			- 🖓 <mark>cn=orcladmin</mark>	· · · · · · · · · · · · · · · · · · ·
			⊕-02 cn=PUBLIC	
	Orac			pm 📑 📑
	UTac	IC		
Inter	net D	recto		
	-			
				I4. All rights reserved.
				149.jpg 150.jpg
			l	
				58.jpg
			OK Cancel Help	

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# 62. Второй способ установки коннекции

🐔 Oracle Directory Manager Connect			×
	💂 Credentials 📗	🖳 SSL	
	User: Password:	cn=orcladmin,cn=Users,dc=ru,dc=oracle,dc=com	<b>***</b>
Oracle	Server:	scias.ru.oracle.com	щ <u>я</u>
Internet Directory	1 011.	SSL Enabled	
		Login Cancel Help	
	Copyright Oracle Co	rporation 1998, 2004. All rights reserved.	

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# 63. Oracle Directory Manager успешно подключился к Directory Server.





### 64. Выйдем через Menu: File -> Exit.



## 65. Проверим состояние компонентов инфраструктуры: НТТР.

ORACLE Enterprise Manager 10g         Application Server Control         Farm > Application Server: orainf.scias.ru.oracle.com > HTTP_Server         HTTP_Server         Home       Virtual Hosts	er		Page Re	Logs Preferences	
General Status Up Start Time May 22, 2004 10:37:20 AM	Stop Restart	Default Server Configu Server Name scias.ru.o Document Root C:\orainf\ Last Modification May 22, 2	uration pracle.com Apache\Apache\htd 004 10:36:52 AM	ocs	
Status CPU Usage (%) 0.09 Memory Usage (MB) 35.44 Error Rate (%) 0.00 Active Connections 6 Connection Open Time (seconds) 12.13		Response and Load Ac Request Throughput (request Request Processing Ti Data Throughput (KI Data Processed (KE	tive Requests <u>1</u> s per second) <u>0.66</u> me (seconds) <u>0.004</u> B per second) <u>4.26</u> B per request) <u>6.44</u>		
Status Metrics Module Metrics	<u>Response and</u> Error Log	Load Metrics			
Home Virtual Hosts Administration					
Copyright © 1996, 2004, Oracle. All rights reserved. <u>About Oracle Enterprise Manager 10g Application Server Control</u>	Logs   Preferend	ces   Help			
😫 Start 🛛 🗃 🍠 😮 🗍 🔄 infrastructure	<u></u> 14699	newstuffjava 🦉 🖉	)racle Enterprise M	ೋ⊘⊚⊴∎╚ℤӯ≶₼	11:15 AM
				ORACLE	

# 66. OC4J: OC4J\_SECURITY

ORACLE Enterprise Manager 10g Application Server Control	Logs Preferences Help
Farm > Application Server: orainf.scias.ru.oracle.com > OC4J: OC4J_SECURITY	
OC4J: OC4J_SECURITY	
Home Applications Administration	
	Page Refreshed May 22, 2004 11:16:34 AM 🛛 🖹
General	Status
Status Up (Stop) Restart	CPU Usage (%) 0.01
Start Time May 22, 2004 10:37:22 AM	Memory Usage (MB) 38.09
Virtual Machines <u>1</u>	Heap Usage (MB) 4.94
JDBC Usage	Response - Serviets and JSPs
Onen IDBC Connections 5	Active Sessions 0
Total JDBC Connections 5	Active Requests 1
Active Transactions 0	Request Processing Lime (seconds) 0.004
Transaction Commits 0	Requests per Second 0.13
Transaction Rollbacks U	Response - EJBs
	Active E.IB Methods 0
	Method Execution Time (seconds) 0.00
	Method Execution Rate (per second) 0.00
Home Applications Administration	
Logs   Prefere	ences   Help
Copyright ©1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Menager 10g Application Server Control	



## 67. OC4J: OCA

ORACLE Enterprise Manager 10g Application Server Control	Logs Preferences Help
Farm > Application Server: orainf.scias.ru.oracle.com > OC4J: oca	
OC4J: oca	
Home Applications Administration	
	Page Reffeshed May 22, 2004 11:17:32 AM EO
General	Status
Start Time May 22, 2004 10:37:36 AM Virtual Machines <u>1</u>	start) CPU Usage (%) 0.02 Memory Usage (MB) 30.68 Heap Usage (MB) 3.98
JDBC Usage	Response - Servlets and JSPs
Open JDBC Connections 0	Active Sessions 0
Total JDBC Connections 0 Active Transactions 0	Request Processing Time (seconds) 0.001
Transaction Commits 0	Requests per Second U.11
	Response - EJBs
	Active EJB Methods 0 Method Execution Time (seconds) 0.00 Method Execution Rate (per second) 0.00
Home Applications Administration	
Logs   Copyright © 1996, 2004, Oracle. All rights reserved. About Oracle Enterprise Manager 10g Application Server Control	Preferences   Help
	V
	ORACLE
### **68. Oracle Internet Directory**

ORACLE Enterprise Manager 10g						Logs Preferences Help	<b></b>
Farm > Application Server: orainf.scias.ru.ora	<u>cle.com</u> > OID						
Oracle Internet Directory							
					Page Refreshed May 2	2, 2004 11:18:05 AM 🖹	
General				Status			
	Stop Res	start		Security Alerts			
Status Up Version 90400				<u>LDAP Metrics</u> Directory Integration			
Repository scias.ru.or	acle.com:1521:as	db10		Directory Replication			
CPU Usage (%) 0 Memory Usage (MB) 9.86							
Mennory Osage (MD) 5.00							
Directory Server Instances							
				Start N	New Instance		
			Restart) Stop	View Load View C	Operations)		
Select Instance Number Host Name	Port Number	Start Time	Downtime Count	Configuration Set Nun	nber Status		
I scias	389	22	0		<u>0</u> <b>û</b>		
Related Links							
Oracle Internet Directory Solf Service Con-							
Deployment Delegation Console	<u>iore</u>						
<u>Deprejation Deregation Concere</u>							
		Logs I P	references   Help				
Copyright © 1996, 2004, Oracle. All rights reserved.	r Control						
							-
					OR/	ACLE	

# 69. Single Sign-On:orasso (Связанный компонент).

ORACLE Enterprise Manager 10g	Logs Preferences Help
Application Server Control	
Farm > Application Server: orainf.scias.ru.oracle.com > Single Sign-On:orasso	
Single Sign-On:orasso	
	Page Refreshed May 22, 2004 11:19:02 AM 🚯
General	
Status 🗘	
Start Time May 22, 2004 10:05:49 AM	
Database <b>asdb10</b>	
Database Version 9.0.1.5.1	
Last 24 Hours Status Details	
Logins 0	
Successful Logins Unavailable% Failed Logins Unavailable%	
Login Failures During The Last 24 Hours	
Username Failures	
No items lound	
Related Links	
HTTP Server	
Administer via Single Sign-On Web Single Sign-On administration requires you Annlination the 'IAS Administrators' group.	to authenticate as a privileged user defined in Oracle Internet Directory. Log in as 'orcladmin' or another user belonging to
r pproduon	
Copyright @ 1996, 2004. Oracle, All rights reserved	<u>Preferences</u>   <u>Help</u>
About Oracle Enterprise Manager 10g Application Server Control	

70. Перейдем в блок управления SSO.





### 71. Блок управления SSO



# 72. Осуществляем Login в блоке управления SSO

🚈 Sign In - Microsoft Internet Explorer
File Edit View Favorites Tools Help
🗘 Back 🔹 🤿 🗸 🔯 🖓 Search 👔 Favorites 🛞 Media 🧭 🛃 🚽 🎒 🖬
Address 🙆 7%2Fsso%2Fauth&p_cancel_url=http%3A%2F%2Fscias.ru.oracle.com%3A7777%2Fpls%2Forasso%2FORAS5O.home&ssousername= 💌 🄗 Go 🛛 Links 🍟 🤹
Sign In
Sigir III
Enter your Single Sign-On user name and password to login
User Name  orcladmin
Password *******
Login Cancel
Unauthorized use of this site is prohibited and may be subjected to civil and criminal prosecution
Ce Done
ORACLE

#### 73. Мы находимся в блоке управления SSO



### 74. Перешли в блок управления SSO Server Administration



#### 75. Вернулись в Ноте блока управления SSO



# 76. Попытались выйти из блока управления SSO. Что-то не то security сертификатом.



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Certificate       ?         General       Details       Certification Path         Image: Certificate Information       This certificate cannot be verified up to a trusted certification authority.         Issued to:       scias.ru.oracle.com         Issued by:       ORA CIS Base Consulting Authority         Valid from       5/22/2004         Install Certificate       Issuer Statement	Image: with this site cannot be viewed or However, there is a problem with the site's         Dertificate was issued by a company you have to trust. View the certificate to determine whether ust the certifying authority.         Dertificate has a valid name matching the name ou are trying to view.         ceed?         No       View Certificate

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Cerl	tificate ? ×
Ge	eneral Details Certification Path
	Certificate Information
	This certificate cannot be verified up to a trusted certification authority.
	Issued to: scias.ru.oracle.com
	Issued by: ORA CIS Base Consulting Authority
	Valid from 5/22/2004 to 5/22/2006
	Install Certificate Issuer Statement
	ОК



Certificate	<u>?</u> ×
General Details Certification Path	1
Show: All>	
Field	Value 🔺
Version Serial number Signature algorithm Valid from Valid to Subject Public key	V3 02 md5R5A ORA CIS Base Consulting Auth Saturday, May 22, 2004 10:3 Monday, May 22, 2006 10:34: scias.ru.oracle.com, Moscow R5A (1024 Bits)
Ec	lit Properties Copy to File
	ОК



Certificate	? ×
General Details Certification Path	
Certification path  Certif	
View Certificate	
Certificate status: This certificate cannot be verified up to a trusted certification author	EV.
	ςγ.
	ок 📘



# 81. Попробуем проинсталлировать сертификат вручную.

Certificate	2 ×
General Details Certification Path	
Certificate Information	
This certificate cannot be verified up to a trusted certification authority.	
Issued to: scias.ru.oracle.com	
Issued by: ORA CIS Base Consulting Authority	
Valid from 5/22/2004 to 5/22/2006	
Install Certificate Issuer Statement	
OK	



### 82. Запустился Certificate Import Wizard.

#### Certificate Import Wizard



#### Welcome to the Certificate Import Wizard

This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.

A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.

To continue, click Next.



Cancel

X

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< Back

Next >

#### 83. Выбрали Store для сохранения сертификата.



J will see a checkmark image next to each application for successful logout. If you see any broken images please close all open browser dows to complete logout.

dows to complete logoat.	Security Alert Certificate General Detail	S Certification Path
	Certificate Certific Cert	Import Wizard X ate Store tificate stores are system areas where certificates are kept.
acle. All Rights Reserved		<ul> <li>dows can automatically select a certificate store, or you can specify a location for</li> <li>Automatically select the certificate store based on the type of certificate</li> <li>Place all certificates in the following store</li> <li>Certificate store:</li> </ul>
Select the certificate store you v	vant to use. on Authorities on Authorities	
Show physical stores	Cancel	Cancel



### 84. Выбрали Store для сохранения сертификата.

Certificate Import Wizard	×
Certificate Store	
Certificate stores are system areas where certificates are kept.	
Windows can automatically select a certificate store, or you can specify a location for	
<ul> <li>Automatically select the certificate store based on the type of certificate</li> <li>Diana all assisticates in the Cellevine store</li> </ul>	
Place all certificates in the following store	
Certificate store:	
Trusted Root Certification Authorities Browse	
< Back Next > Cancel	

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# 85. Certificate Import Wizard соглашается с введеной информацией

Certificate Import Wizard		×
	Completing the Certificate Import Wizard         Support of the successfully completed the Certificate Import wizard.         Support of the successfully completed the Certificate Import wizard.         Certificate Store Selected by User Trusted Root Certificate Certificate         Content       Certificate	
	< Back Finish Cancel	



# 86. Certificate Import Wizard выдает сообщение об успешном импорте сертификата.

Certificate ?×
General Details Certification Path
Certificate Information Certificate Import Wizard This ce certific The import was successful. OK
Issued to: scias.ru.oracle.com
Issued by: ORA CIS Base Consulting Authority
Valid from 5/22/2004 to 5/22/2006
Install Certificate Issuer Statement
ОК



### 87. Добавляем domain name для инфраструктуры в область Trusted Sites.

Home - Microsoft Internet Explorer Internet Options	
General Security Privacy Content Connections Programs Advanced	2- <i>3</i> I I I
A Select a Web content zone to specify its security settings.	💌 🧬 Go Links » 👰 🗸
Internet Local intranet Trusted sites Restricted sites	Login Help
Trusted sites This zone contains Web sites that you Trust not to damage your computer or data	tion Ø Tips
Security level for this zone	The tabs correspond to the different
Custom         Custom settings.         - To change the settings, click Custom Level.         - To use the recommended settings, click Default Leve         Custom Level         Default Leve         OK         Copyright © 1996, 2004, Oracle. All rights reserved.	Sites   You can add and remove Web sites from this zone. All Web sites in this zone will use the zone's security settings. Web site to the zone: Add ges to access elected middle scias.ru.oracle.com OK Cancel
	Trusted sites

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88. Internet Explorer 6 SP1 показывает теперь, что мы обращаемся к domain name, принадлежащему к доверительному региону.





# 89. При попытке проверить состояние сертификата по предыдущей операции - получаем ту же проблему...



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# 90. Вспоминаем про сообщение в конце инсталляции инфраструктуры. Смотрим на мапирование портов

🚰 Oracle Enterprise Manager - Application Server:orainf.scias.ru.oracle.com - Microsoft Internet Explorer 💦 💶 🗵					IX	
File Edit View Favorites Tools Help						
🗘 Back 🔹 🔿 🗸 🔯 🖓 Search 📷 Favorites 🎯 Media 🧭 🛃 🚽 🗐 🗐 🖃						
Address 🕘 s/ports?farm=orainf.scias.ru.oracle.com&type=oracle_ias⌖=orainf.scias.ru.oracle.com 🔽 🤗 Go 🛛 Links » 🐑					2 -	
OPMN	ONS Local	6100	6100-6199	Ø		
Oracle Enterprise Manager 10g	Application Server Control	1810	1810-1829			
Oracle Enterprise Manager 10g	Oracle Management Agent	1830	1830-1849			
Oracle Enterprise Manager 10g	Application Server Control RMI	1850	1850-1869			
Oracle HTTP Server	Listen	7777	7777-7877	Ø		
Oracle HTTP Server	OCA Mutual Authentication (SSL)	4401	4400-4419	Ø		
Oracle HTTP Server	OCA Server Authentication (SSL)	4400	4400-4419	Ø		
Oracle HTTP Server	Diagnostic	7200	7200-7299			
Oracle HTTP Server	Listen (SSL)		4443-4543			
Oracle Internet Directory Non SSL Port		389	3060-3129			
Oracle Internet Directory	SSL Port	636	3130-3199			
Home J2EE Applications Ports Infrastructure						
Logs   <u>Preferences</u>   <u>Help</u> Copyright © 1996, 2004, Oracle. All rights reserved.						
🖉 🖉 Trusted sites						



# 91. Пробуем использовать URL из послеинсталляционного сообщения.





#### 92. Выясняем, что ОСА не стартован.



### 93. Запуск ОСА: ORACLE\_HOME\oca\bin\ocactl start

C:\WINNT\System32\cmd.exe	
C:\orainf\oca\bin> C:\orainf\oca\bin>ocactl start	
OracleAS Certificate Authority 10g (9.0.4)	
Copyright (c) 2003, 2004, Oracle Corporation. All rights reserved.	
OracleAS Certificate Authority administrator password:	
OCA service started.	
C:\orainf\oca\bin>	
	<b>_</b>



# 94. Возвращаемся в OCA URL.

🚰 OracleAS Certificate Authority-Welcome to OracleAS Certificate Authority - Microsoft Internet Explorer 📃 🗖 🗵
File Edit View Favorites Tools Help
🗘 Back 🔹 🤿 🖉 🚱 🚱 🔞 😡 Search 👔 Favorites 🛞 Media 🧭 🛃 🛃 🖅 🧾 🖬
Address 🕘 https://scias.ru.oracle.com:4400/oca/admin 💽 🄗 Go 🛛 Links » 📆 🗸
Oracle Application Server
Certificate Authority
Welcome to OracleAS Certificate Authority
You have successfully installed and started OracleAS Certificate Authority.
To manage OracleAS Certificate Authority, you must have a certificate. The next page is an enrollment form that will guide you through the certificate registration process. Enter the appropriate information into the provided fields. Note: you must enter information into all fields marked with an asterisk (*).
Click here to display the enrollment form.
If you need assistance while filling out this form, click the Help icon in the upper right corner of the enrollment form page.
Copyright (c) 2003, 2004, Oracle Corporation. All rights reserved.
🦉 Done



# 95. Переходим в Enrollment Form и вводим инициализационную информацию.

Oracle Application Server		<u> </u>
Certificate Authority	Practice Statement	? Help
Web Administrator Enrollment		
DN Information Advanced DN		
*Common Name ORA CIS Base Consulting Authority		
E-Mail Address igor.lukjanov@oracle.com		
Organizational Unit Moscow Division		
*Organization Oracle Corporation		
City/Locality Moscow		
State Moscow Region		
Country Russian Federation		
OracleAS Certificate Authority administrator password		
*Password		
Certificate Information		
Certificate Key Store Microsoft Base Cryptographic Provider v1.0		
Validity Period 5 years Validity Period 5 years 5 years		
Copyright (c) 2003, 2004, Oracle Corporation. All rights reserved.	Kevert Subn	

# 96. Генерируем исправный сертификат для доступа и импортируем его в браузер



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# 97. Подтверждающее сообщение о добавлении сертификата



### 98. Сертификат добавлен.



#### 99. Проверяем наличие сертификата в браузере: Personal



# 100. Проверяем наличие сертификата в браузере: Trusted Root Certification Authorities.



#### 101. Сообщение о проблеме с сертификатом исчезло.





# 102. И теперь мы получили доступ в новые области ОСА через аутентификацию клиента.



### 103. Проверка аутентификации клиента.

Client Au	thentication	? ×
_ Identifi	cation	
	The Web site you want to view requests identification. Select the certificate to use when connecting.	
	ORA CIS Base Consulting Authority	
	More Info View Certificate	
	OK Cano	:el


## 104. Если мы не выберем необходимый сертификат, то получим нашу любимую ошибку. Клиентская сессия

#### принципиально испорчена.

Cannot find server - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		
🗘 Back 🔹 🤿 🖉 🕼 🛛 🐼 Favorites 🛞 Media 🧭 🛃 🚽 🗐 🗐		
Address 🙋 https://scias.ru.oracle.com:4400/oca/sslRedirect?FORM_NAME=FAInterf	▼ 🔗 Go	Links » 📆 👻
The page cannot be displayed The page you are looking for is currently unavailable. The Web site might be experiencing technical difficulties, or you may need to adjust your browser settings.		×
Please try the following:		
<ul> <li>Click the Refresh button, or try again later.</li> <li>If you typed the page address in the Address bar, make sure that it is spelled correctly.</li> <li>To check your connection settings, click the <b>Tools</b> menu, and then click <b>Internet Options</b>. On the <b>Connections</b> tab, click <b>Settings</b>. The settings should match those provided by your local area network (LAN) administrator or Internet service provider (ISP).</li> <li>If your Network Administrator has enabled it. Microsoft</li> </ul>		
Windows can examine your network and automatically discover network connection settings. If you would like Windows to try and discover them, click @ <u>Detect Network Settings</u> Some sites require 128-bit connection security. Click the		
<ul> <li>Some sites require 12-bit connection security, click the Help menu and then click About Internet Explorer to determine what strength security you have installed.</li> <li>If you are trying to reach a secure site, make sure your Security settings can support it. Click the Tools menu, and then click Internet Options. On the Advanced tab, scroll to the Security section and check settings for SSL 2.0, SSL 3.0, TLS 1.0, PCT 1.0.</li> </ul>		
Cannot find server or DNS Error Internet Explorer		
ا الا المالية الم	🌍 Interne	t //



### 105. Перезапустим IE 6 SP1.

🚈 about:blank - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		
🖛 Back 🗸 🔿 🖌 🙆 🚰 🛛 🥘 Search 🕋 Favorites 🎯 Media 🍏 🛃 - 🎒 🗃 📑 📑		
Address 🕘 about:blank	🔹 🧞 Go	Links » 📆 🗸
		<b>A</b>
		<b>v</b>
C Done	🧐 Internet	///



### 106. Вернемся к клиентской аутентификации и выберем необходимый сертификат.



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### 107. И теперь мы получили доступ в новые области ОСА Admin через аутентификацию клиента: Certificate Management

File Edit View Favorites Tools Help	•
← Back         · → · · · · · · · · · · · · · ·	•
Address le.com:4401/oca/authUserServlet?FORM_NAME=FAInterf&requestType=retrieval&requestSubType=adminCertReq&certificateRequestStatus=1  Concle Application Server	•
Oracle Application Server	-
Oracle Application Server	
Certificate Authority	
Practice Statement Help	
Home Certificate Management Configuration Management View Logs	
Search  Certificate Request 🔽  All Pending Requests 🔽	
Certificate Management	
Use this form to approve certificate requests, renew or revoke certificates and to update certificate revocation lists.	
Request ID         User DN         Request Type         Request Date         Status         Serial Number	
No requests retrieved.	
Update Certificate Revocation List(CRL)	
Harra I. Cartificate Management I. Canfiguration Management I. Minus and I. Duration Statement I. Halp	
Copyright (c) 2003, 2004, Oracle Corporation. All rights reserved.	
	-
😂 Done 🔂 🔂 Internet	_//,

Copyright © 2004, Oracle. All rights reserved.

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### 108. И теперь мы получили доступ в новые области OCA Admin через аутентификацию клиента: Configuration Management: закладка 1

Oracle Application Server	
Certificate Authority	Practice Statement Help
	Home Certificate Management Configuration Management View Logs
Notification General Policy	
Notification	
TIP Please note that the changes made to configuration parameters will take effect only when OracleAS	S Certificate Authority is restarted.
Mail Details	
Parameters to be set to enable email alerts or notification.	
SMTP Server	
Oragle A.S. Cartificate, Authority Administrator	
"From" name that appears in the mails sent by OracleAS C	ertificate Authority.
Sender's E-Mail	
"From" E-Mail ID that appears mails sent by OracieAS Cert	ticate Authority.
Administrator's E-Mail Mail address to which alerts will be sent.	
□ Send SMIME E-Mails Before enabling this make sure that SMIME wallet is gener	ated.
Enable Template Templates stored at C: \orainf\oca\templates \email would b	e used.
Alerts	
Enable and set up alerts to be sent to the administrator.	
Enable Alerts	
Pending Requests Queue over Threshold Alate when the certificate request queue threshold is greater than the size specified.	
Queue Size Threshold 0	
Interval Between Queue Size Checks 🛛 🛛 days 🗖 🖃	hours 🛛 🔽 minutes
Enable CRL Auto Generation Failure	
Scheduled Jobs	
Schedule timed jobs that execute when OCA is running.	
Enable Automatic Generation of CRL	
CDL Auto Concration Interval 🛛 📃 dave 🗖 🖃 houre 🕅 🖃 minutes	
	ORACLE

### 109. И теперь мы получили доступ в новые области OCA Admin через аутентификацию клиента: Configuration Management: закладка 2

Practice Statement Help
Home Certificate Management Configuration Management View Logs
tificate Authority is restarted.
icate requests
icale requests.
sitory.
-



### 110. И теперь мы получили доступ в новые области ОСА через аутентификацию клиента: Configuration Management: закладка 3

🎒 Oracle	eAS Certificate Authority-Poli	cy Rules - Microsol	ft Int	ernet Explorer		
File Ed	lit View Favorites Tools	Help				
🕁 Back	• ⇒ - 🙆 🙆 🖓 🛛 🥘 Se	arch 🛛 🙀 Favorites	T	Media 🧭 🛃 🎒 🖬 📑		
Address	🕘 https://scias.ru.oracle.com:44	101/oca/config?FORM	_NAM	E=OCAUIFormConfigPolicy		Links » 📆 🗸
· Ora	cle Application S	erver			176	
	Certificate Au	ithority		Home Certificate Management Configuration Mar	Practice Stateme	nt Help
Not	ification	icy				
	by rules					
POLICY	/ rules applicable to chose Please note that the change	sen operation. s made to configu	ratio	n parameters will take effect only when OracleAS Certificate Authority i	is restarted	
View F	olicies For Requests	]	- at ioi		io rootaitoa.	
		-			Reorder	Add
Sel	ect Policy and			Edit Enable	e) Disable) (	Delete
Selec	t Policy Name	Type Stat	tus	Description		
O	RSAKeyConstraints	Default Ena Policy	bled	Restricts the key sizes usable with RSA algorithm.		
0	ValidityRule	Default Ena Policy	bled	Restricts the validity period allowed.		
0	UniqueCertificateConstraint	Default Ena Policy	bled	Limits each user to a single certificate for each specific usage or allow certificates for each usage.	rs a user to have	multiple
0	TrustPointDNCustomRule	Custom Ena Policy	bled	Prevents use of trusted Certificate Chain's DNs in user certificate reque	ests.	
Copyrigh	<u>Home</u>   <u>Cer</u> nt (c) 2003, 2004, Oracle Corporat	tificate Manageme ion. All rights reserve	ent   d.	Configuration Management   <u>View Logs</u>   <u>Practice Statement</u>	Help	
e					📋 🔯 Internet	///
					ORAC	LE <sup>.</sup>

### 111. И теперь мы получили доступ в новые области ОСА через аутентификацию клиента: View Logs

	le Applicatio Certificate	n Server Authority	*		Practice Statement Certificate Management Configuration Management View Logs
Sea			I		
view	Logs				
Log ID	Client Address	Log Date	Туре	Component	Message
7	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
3	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
0	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
1	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
2	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
5	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
6	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
7	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
8	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
9	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
.0	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
! <b>1</b>	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
2	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
3	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
4	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
5	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
6	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
7	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
0	141.145.144.57	May 22, 2004	ERROR	OCMRa	You are not authorized to perform this operation. (Jazn authorization failed)
	141.145.144.57	May 22, 2004	ERROR	OCAConfigServlet	You are not authorized to perform this operation. (Jazn authorization failed)
31		May 22, 2004	EDDOD	OCAConfigServlet	You are not authorized to perform this operation. (Jack authorization failed)

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### 112. URL для области ОСА для работы пользователей.

	🚈 OracleAS Certificate Authority - Microsoft Internet Explo
	File Edit View Favorites Tools Help
	年 Back 👻 🔿 👻 👔 🖓 🔯 Search 🛛 🙀 Favorites 🔮
Ro	Address 🙆 https://scias.ru.oracle.com:4400/oca/user
r	Oracle Application Server Certificate Authority



#### 113. Область ОСА, для пользователей.



### 114. Отмена и удаление сертификата

C:\WINNT\System32\cmd.exe	
Microsoft Windows 2000 [Version 5.00.2195] (C) Copyright 1985-2000 Microsoft Corp.	
C:\>cd orainf\oca\bin	
C:\orainf\oca\bin>ocactl stop	

C:\WINNT\System32\cmd.exe						_ 🗆 🗙
C:\orainf\oca\bin>ocactl	revokecert	-t ype	WEBADMIN	-reason	UNSPECIFIED_	<b>_</b>
						_
,						•

C:\WINNT\System32\cmd.exe	_ 🗆 🗙
Microsoft Windows 2000 [Version 5.00.2195] (C) Copyright 1985-2000 Microsoft Corp.	
C:\>cd orainf\oca\bin	
C:\orainf\oca\bin>ocactl start_	T



### 115. URL для Oracle Internet Directory Self Service Console

Image: Address       Microsoft Internet Explorer         File       Edit       View       Favorites       Tools       Help         Image: Address       Image:
File       Edit       View       Favorites       Tools       Help
← Back • → • ② ② ③ ④ ③ ◎ Earch  Favorites ④ Media ③ Ea • ④ ☑ E E C Address ⑥ http://scias.ru.oracle.com:7777/oiddas/
Address 🗃 http://scias.ru.oracle.com:7777/oiddas/
Internet Directory
filternet Directory
Welcome to the Oracle Internet Directory Self Service
Console



#### **116. Oracle Internet Directory Self Service Concole**



### 117. Сброс Вашего личного пароля

🚰 Self Reset Password, Step 1 - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	
🗢 Back 🔹 🔿 🗸 🙆 🖓 🚱 Search 💿 Favorites 🛞 Media 🍪 🖏 🖓 🚽 🎒 💽 🗸 📄 📑	
Address 🕘 http://scias.ru.oracle.com:7777/oiddas/ui/oracle/ldap/DASStep1ResetPwd	💽 🧬 Go 🛛 Links 🎽 🔁 🗸
	Home Help
Reset My Single Sign-On Password	
Confirm Identity Confirm Additional Personal Information Reset SSO Password	
Confirm Identity	
Your identiy needs to be confirmed by entering your Single Sign-On user name and name of the compan Click on Next to continue.	iy you are associated with.
User Name	
	,
	Cancel) Step 1 of 3 Next)
Home   Help	
	-
Cone	Trusted sites



### 118. Для доступа к областям OID Self Service Console требуется аутентификация через SSO.

🚈 Sign In - Microsoft Internet Explorer
File Edit View Favorites Tools Help
🖕 Back 🔹 🤿 🗸 🔯 🖓 🔯 Search 📾 Favorites 🛞 Media 🧭 🛃 🖌 🎒 💽 🕗 📄 📑
Address 🗃 http://scias.ru.oracle.com:7777/sso/jsp/login.jsp?site2pstoretoken=v1.4~3EAC42BA~534A85A3D50700F000D637EBA0DD4 💽 🔗 Go 🛛 Links 🎽 😨 🗣
Sign In
Sign in
Enter your Single Sign-On user name and password to login
Linex Name
Password
Login Cancer
Unauthorized use of this site is prohibited and may be subjected to civil and criminal prosecution
Cone



### 119. Для доступа к областям OID Self Service Console требуется аутентификация через SSO.

🖉 Sign In - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	<b>11</b>
🖙 Back 🔹 🤿 🖉 🙆 🚰 🔞 Search 🕋 Favorites 🛞 Media 🍪 🖏 🖓 🥌 🔂 🚽 🚍 📑	
Address 🗃 http://scias.ru.oracle.com:7777/sso/jsp/login.jsp?site2pstoretoken=v1.4~3EAC42BA~534A85A3D50700F000D637EBA0DD4 🔽 🄗 Go 🛛 Lin	nks » 📆 🔹
	<u> </u>
Sign In	
Sign In	
Enter your Single Sign-On user name and password to login	
Password [*******	
Login Cancel	
Unauthorized use of this site is prohibited and may be subjected to civil and criminal prosecution	
	-
🙆 Done	s //.



### 120. Область OID Self Service Console: My Profile

🚈 My Profile - Microsoft I	nternet Explorer			
File Edit View Favorit	es Tools Help			
🕁 Back 👻 🤿 🗸 🙆	🔏 😡 Search 📷 Favorites 🎯 Media 🧭 🖣	8- # 🖸 - 🖻 🖬		
Address 🙆 http://scias.ru.c	oracle.com:7777/oiddas/ui/oracle/ldap/das/mypage/ViewM	1yPage	<b>▼</b> 🖓 GO	Links » 📆 🗸
	Directory Change My Password View My Org Chart	Home My Profile	Logout Realm Management	<u>Help</u> ration
		Ed	Refresh My	Profile
	orcladmin orclAdmin			
No	Below is the Profile Information. To see full or	ganizational hierarchy select Job Title's link.		
Picture	Basic Information	Personal Details		
on File	User Name <b>orcladmin</b> Email Address <u>orcladmin</u>	First Name orcladmin Middle Name Unavailable Last Name orclAdmin Employee Number Unavailable		
	Joh Title Unavailable	Employee Number Onavailable		
	Department Unavailable Manager Unavailable Hire Date Unavailable	Additional Personal Details Known As Unavailable Maiden Name Unavailable Date of Birth Unavailable		
	Work Phone Unavailable	Language <b>Unavaliable</b>		
	Home Phone Unavailable	Office Address		
	Mobile Phone Unavailable Pager Unavailable fax Unavailable Home Address	Address Unavailable City Unavailable State Unavailable Zip Code Unavailable Country Unavailable		
	Address Unavailable			
Copyright © 1996, 2004, Ora	Home   <b>My Profile</b>   <u>Directory</u>   <u>Confi</u> Icle. All rights reserved.	guration   Logout   Realm Management	Edit My Help	Profile
			I I I I I I I I I I I I I I I I I I I	sites //

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### 121. Область OID Self Service Console: Directory

🚰 Directory, Search Users - Microsoft Int	ernet Explorer							_	
File Edit View Favorites Tools Help									
🗢 Back 🔹 🔿 👻 😰 🚰 🛛 🐼 Search	i 📓 Favorites 🎯 M	1edia 🎯   🖏 •	· 🥔 💽 - 🖻	5					
Address 🙋 http://scias.ru.oracle.com:7777/oi	ddas/ui/oracle/ldap/das,	/directory/DASUse	rMgmtDir			•	∂Go	Links »	🔁 👻
Internet Directo	ry Zo			Home	My Profile	ut Realm Mar irectory	nagement Configur	? Help ration	
User Group Service Act	Go								
Search Results :	Email Address	Eirst Name	Last Name	Job Title	Create				
No items to be displayed	Lindii Address	Flist Mallie	Last Maine	JOD HILE	WOIK FIIOIle				
<u>Home</u>   Copyright © 1996, 2004, Oracle. All rights rese	My Profile   Direct	tory   <u>Configur</u>	ation   Logout	<u>Realm Ma</u>	nagement   <u>Help</u>				
 (a) http://scias.ru.oracle.com:7777/oiddas/ui/ora	acle/ldap/das/directory/	DASUserMgmtDir					Trusted s	ites	
						0	RA	ΞLE	

### 122. Область OID Self Service Console: Configuration

Internet Direct	ory		Home My Profile Directory Configuration
Identity Management Realm	∫ User Entry ∫ Preference		
💿 Logo Management			
			Refresh Page
			Cancel Submit
Directory Configuration	n		
* Attribute for Login Name	uid		
* Attribute for RDN	cn		
* User Oserek Dese	cn=users, dc=ru,dc=oracle,dc=com	<u> </u>	
* User Search Base		*	
	cn=Users,dc=ru,dc=oracle,dc=com	<u>~</u>	
* User Creation Base		-	
	cn=Groups, dc=ru,dc=oracle,dc=com		
* Group Search Base		*	
	cn=Groups,dc=ru,dc=oracle,dc=com		
* Group Creation Base		-1	
* Search Return Limit	1	(numbers only)	
<ul> <li>indicates a Required Fiel</li> </ul>	d.	(	
Logo Management			🐼 Return to Top
Current Logo			
I≌ Enable Realm Logo I Enable Product Logo			
Update Realm Logo	Browse		
-			ر
			Cancel Submit
	Home   My Profile   Directory	Configuration   Logout   Realm Management	Help
Copyright @1996, 2004, Oracle. All rights re	eserved.		
🕂 Start 🛛 🗹 🥭 💿 🗍 🔄 İnfrastru	icture Gioid Gi 14699	C:\WINNT\Syste	🍕 🏈 🞯 💁 🖬 🍓 🗗 🦙 🏷 🚠 2:59 PM
			ORACLE

### 123. Область OID Self Service Console: Realm Management

🚰 List of Identity Management Realms - Microsoft Internet Explorer
File Edit View Favorites Tools Help
🗢 Back 🔹 🔿 🗸 🙆 🚰 🥘 Search 📾 Favorites 🛞 Media 🧭 🛃 🚽 🎒 💽 🛩 📄 🖃
Address 🕘 http://scias.ru.oracle.com:7777/oiddas/ui/oracle/ldap/das/subscriber/DASSubscriberLOV 🔽 🔗 Go Links » 😨
Internet Directory
Identity Management Realms
Search Identity Management Realm
You are currently logged in as Realm Administrator. You may create a new identity management realm here. You may manage
users and groups within a specific reality by selecting one and proceeding.
Select Realm Name Description
No items to be displayed
Create
Home   Help
Trusted sites

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### 124. Выход из OID Self Service Console: отключение.

🚰 Single Sign-Off - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		
🗢 Back 🔹 🤿 🗸 🙆 🖓 🥘 Search 🕋 Favorites 🎯 Media 🧭 🛃 🚽 🎒 🔽 🚽 📄		
Address 🕘 http://scias.ru.oracle.com:7777/pls/orasso/orasso.wwsso_app_admin.ls_logout	• 🖗 😡	Links » 📆 🗸
		<b></b>
Single Sign-Off	(	?
Q	Retur	rn
Single Sign_Off		
You will see a checkmark image next to each application for successful logout. If you	-	
see any broken images please close all open browser windows to complete logout.		
The SSO Server (grasso)		
orainf.scias.ru.oracle.com		
oca. scias. ru. oracle. com 🖌 🖌		
		4
Convright@ 2004_Oracle_All Pinhts Reserved		
Copyrighter 2004, Oracle. All hights heselved		
		-
Done Concernent Concer	Trusted :	sites //
	0	RACLE

### 125. Область OID: Oracle Deployment Delegation Console

Ele Edit View Favorites Tools Help         P Back       P Search Pavorites Media Pavorites Media         Address       http://scias.ru.oracle.com:????/oiddas/ui/oidinstallhome         Internet Directory       P Pavorites         Welcome to the Oracle Deployment Delegation Console       P Pavorites         Use this site to       • manage Metadata Repository owners manage Metadata Repository • administrators       • Tips         • manage Component owners       • manage Component owners       • additional to the Metadata Repository.         • manage Component owners       • manage Component owners       • manage component owners         • Manage Component owners       • manage component owners       • Components allows you to delegate privileges to access component metadata from selected middle tiers.	🚰 Home - Microsoft Internet Explorer	
Address Internet Directory     Welcome to the Oracle Deployment Delegation Console     Use this site to <ul> <li>manage Metadata Repository owners manage Metadata Repository administrators</li> <li>manage Component owners</li> </ul> Copyright © 1996, 2004, Oracle. All rights reserved.	<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	
Address Address Address Repository owners manage Metadata Repository owners manage Metadata Repository owners manage Metadata Repository owners manage Component owners Metadata Repository administrators manage Component owners Metadata Repository administrators Metadata Rep	🗢 Back 🔹 🤿 🕑 🙆 🖄 🛛 🥸 Search 🕋 Favorites 🛞 Media 🔮	) &· == = =
Internet Directory       Image Netadata Repository owners manage Metadata Repository owners manage Metadata Repository owners manage Component owners       Tips         • manage Component owners       • manage Component owners	Address 🕘 http://scias.ru.oracle.com:7777/oiddas/ui/oidinstallhome	🔽 🧬 Go 🛛 Links 🎽 🔻
Welcome to the Oracle Deployment Delegation Console       Tips         Use this site to       • manage Metadata Repository owners manage Metadata Repository administrators       The tabs correspond to the different Console work areas:         • manage Metadata Repository administrators       • manage component owners       The tabs correspond to the different Console work areas:         • manage component owners       • manage component owners       Balows you to delegate privileges to associate a middle tier with the Metadata Repository.         • manage component owners       • Components allows you to delegate privileges to access component metadata from selected middle tiers.         Login       Help	Internet Directory	Login Help
Delegation Console Use this site to • manage Metadata Repository owners manage Metadata Repository owners manage Metadata Repository administrators • manage component owners •	Welcome to the Oracle Deployment	🕅 Tips
Login   Help Copyright © 1996, 2004, Oracle. All rights reserved.	Delegation Console Use this site to • manage Metadata Repository owners manage Metadata Repository • administrators • manage component owners	The tabs correspond to the different         Console work areas:         Repository         allows you to delegate privileges to         associate a middle tier with the Metadata         Repository.         Components         allows you to delegate privileges to access         component metadata from selected middle         tiers.
	Login   E	



### **126. Oracle Deployment Delegation Console: login**

🚰 Sign In - Microsoft Internet Explorer	<u> </u>
File Edit View Favorites Tools Help	
🗢 Back 🔹 🤿 🗸 🔯 🖓 Search 👔 Favorites 🛞 Media 🍏 🖏 🚽 🗐 🗐	
Address 🙋 le.com%3A7777%2Fsso%2Fauth&p_cancel_url=http%3A%2F%2Fscias.ru.oracle.com%3A7777&ssousername= 💌 👔	🔗 Go 🛛 Links 🎽 📆 🗸
	<u>_</u>
Sign In	
Sigir in	
Enter your Single Sign-On user name and password to login	
User Name	
Password	
Login Cancel	
Unauthorized use of this site is prohibited and may be subjected to civil and criminal prosecution	
Done	rusted sites



### 127. Oracle Deployment Delegation Console: Repository

🚈 Manage Groups - Microsoft Internet Explorer 📃 🔲 🗙
File Edit View Favorites Tools Help
🕁 Back 🔹 🔿 🖉 🚰 🔞 🕄 Favorites 🎯 Media 🧭 🛃 🚽 🎒 🖬
Address 🕘 http://scias.ru.oracle.com:7777/oiddas/ui/oracle/ldap/das/install/DASInstallMgmtRepos 💽 🔗 Go Links » 🐑 🗸
Repository Owners and Administrators
Repository Owners and Administrators
Administrators can install Oracle9iAS mid-tiers which can use that Metadata Repository. Owners can grant this privilege to other users. Owners are automatically Administrators.
Select Repository Name
No items to be displayed
Home   Repository   Components   Logout   Help Copyright © 1996, 2004, Oracle. All rights reserved.
E Done



### **128. Oracle Deployment Delegation Console: Components**

🚈 Manage Groups - Microsoft Internet Explorer
File Edit View Favorites Tools Help
🗢 Back 🔹 🤿 🗸 🔯 🖓 Search 🕋 Favorites 🛞 Media 🧭 🛃 🚽 🗐 🗐 📑
Address 🚳 http://scias.ru.oracle.com:7777/oiddas/ui/oracle/ldap/das/install/DASInstallMgmtComp 💽 🄗 Go 🛛 Links 🎽 📆 -
Component Owners
Component Owners Component owner can choose to access component metadata from multiple middle tiers at install time and can grant this privilege to other users.
Select Component Name
No items to be displayed
Home   Repository   Components   Logout   Help Copyright © 1996, 2004, Oracle. All rights reserved.
🕙 http://scias.ru.oracle.com:7777/oiddas/ui/oracle/ldap/das/install/DASInstallMgmtComp
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### 129. URL для Oracle Application Server Welcome Page (инфраструктура)





### 130. Oracle Application Server Welcome Page (инфраструктура)



#### 131. Oracle Application Server Welcome Page: New features.



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