Citrix XenApp 5 FP2 For Windows 2003

基本安装配置手册

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编写声明:

Citrix XenApp 5 FP2 for Windows 2003 相对于原来的Citrix Presentation Server 4.5 的界面 有了很大的改变,其安装配置的过程和界面也有了一些变化。

此文档讲述了 Citrix XenApp 5 FP2 for Windows 2003 最基本的安装以及配置过程,不涉及到详细的配置和说明,可供初次安装测试 Citrix XenApp FP2 for Windows 2003 的朋友一些参考。

此文档是根据作者本人部署Citrix XenApp经验所写,不能作为标准的Citrix XenApp 5 FP2 for Windows 2003 安装配置手册,仅供参考。如有需要,请到Citrix公司官方网站上的文 档中心: <u>http://support.citrix.com/proddocs/index.jsp?lang=zh-cn</u>了解Citrix XenApp产品的更多 信息。

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一、安装环境准备

1、操作系统

Citrix 目前的 XenApp 版本只支持 Windows,并且也只支持 Windows 的账户系统(AD 账户、本地系统账户)进行认证,所以在安装前,首先准备 2 个 Windows 2003 Server SP2 系统(标准版以上即可):其中一个作为 Windows AD,作为用户使用 Citrix XenApp 的认证 系统,管理系统使用用户;另外一个作为 Citrix XenApp 服务器,发布应用给用户使用。

AD+XenApp 的服务器组合方式为 Citrix XenApp 的标准安装方式,在没有 AD 的情况下,也可以用本地的账户系统作为认证系统,这样单独安装配置一个 XenApp 没有问题,但 是要建立多个 XenApp 作为负载均衡,还是需要 AD 作为支持。

需要特别注意的是,虽然需要 AD 作为账户管理和认证支持,但是 Citrix XenApp 不能 安装在 AD 域服务器上,否则将会出现安装错误。

关于 Windows 2003 AD 的安装配置方法请参考我的另一篇文章,《Windows 2003 Server AD 的安装与配置》。

安装配置好 AD 服务器之后,把用来安装 XenApp 的系统加入到域中。

2、Windows 组件

使用域的管理员账户登录到准备安装 XenApp 的 Windows 系统中,使用"添加删除组件"工具安装删除一下组件:

去掉 IE 增强的安全配置组件,该组件将影响非管理员权限用户的 IE 配置和使用;

安装 IIS 组件,该组件用来安装 Citrix License Server、Web Interface;

安装终端服务器组件,这个是必须的,Citrix XenApp 必须安装在终端服务器上;终端服务器需要终端服务器授权作为支撑,否则将只能使用 120 天。

以上 Windows 组件的详细安装和配置方法请参考微软的相关文档。

3、其他工具组件

在准备安装 XenApp 的系统中,还需要手动先安装好 Microsoft .NET 3.5 sp1;

在安装 XenApp 之前,建议对 Windows 2003 系统打上全部安全漏洞补丁,可以采用一些漏洞修复工具,避免打上不需要的补丁;

同时,手动打上 KB961118 和 KB956572 这两个 Windows 补丁(注意顺序),在安装 XenApp 时,新的 HDX 模块会要求这两个补丁。

安装完毕后,重新启动系统。

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二、安装 Citrix License Server

Citrix License Server 是使用整个 Citrix 整个系列产品的前提,为 Citrix 产品的一个单独 模块,可以和 XenApp 服务器分开安装,可以安装在任何的 Windows 2003 机器上,不仅仅 可以做为 XenApp 的 License Server,也可以作为 Citrix 其他产品的 License Server,前提是 有其他产品的 License 文件。

本次实验把 XenApp 服务器本身作为 License Server,与 XenApp 安装在一起,需要注意的是,在安装 License Server 之前,首先要确认好手上的 License 文件里面对应的机器名, 用记事本打开 License 文件,在第一行就可以看到: HOSTNAME=xxxx,这里的"xxxx"就 代表机器名,不可更改,否则 License 文件将无效,准备作为 License Server 的服务器机器 名必须要与"xxxx"一致,并且大小写敏感。

1、安装 License Server

用域管理员账户登录到系统,加载 XenApp 5 for Windows 2003 FP2 的光盘,这个光盘 有点大,3.34GB,双击安装图标,出现如下界面:



选择 Install XenApp, 进入选择如下界面:



选择 Install Server-Hosted Apps, 进入安装向导, 如下图:

🖻 Citrix XenApp Setup Tizard 🛛 🗙
CITRIX
To continue you must accept the terms of the license agreement.
CITRIX® LICENSE AGREEMENT
This is a legal agreement ("AGREEMENT") between you, the Licensed User, and Citrix Systems, Inc., Citrix Systems International GmbH, or Citrix Systems Asia Pacific Pty Ltd. Your location of receipt of this product or feature release (both hereinafter "PRODUCT") or technical support (hereinafter "SUPPORT") determines the providing entity hereunder (the applicable entity is hereinafter referred to as "CITRIX"). Citrix Systems, Inc., a Delaware corporation, licenses this PRODUCT in the Americas and Japan and provides SUPPORT in the Americas. Citrix Systems International GmbH, a Swiss company wholly owned by Citrix Systems, Inc., licenses this PRODUCT and provides SUPPORT in Europe, the Middle East, and Africa, and licenses the PRODUCT in Asia and the Pacific (excluding Japan). Citrix Systems Asia Pacific Pty Ltd. provides SUPPOPT in Asia and the Pacific (excluding Japan). Provided Support of the Pacific (excluding Japan).
\checkmark I accept the license agreement.
< Previous Cancel

接受 License 协议,选择"Next",可能会出现以下警告,如下图

🖻 Citri	x IenApp Setup Tizard	×
2	There may be other users logged on to this computer.	Are you sure you want to proceed?
	<u> </u>	

选择"是",进入 XenApp 版本选择界面,如下图:

🖻 Citrix XenApp Setup Tizerd 🛛 🗙
CITRIX
Specify Edition
Specify the Citrix XenApp edition. The edition you select must match your license entitlement. Ensure you select the same edition when installing other XenApp components.
XenApp Platinum Edition
O XenApp Enterprise Edition
C XenApp <u>A</u> dvanced Edition
With the exception of Hotfix Rollup Pack 5, all features in this release are only available to customers active on the Citrix Subscription Advantage program. Ensure your XenApp environment is eligible for the new features before proceeding. For more information on Citrix Subscription Advantage program, visit www.citrix.com.
< <u>P</u> revious <u>N</u> ext > Cancel

根据你的 License 文件版本,来选择安装版本,选择"Next",进入选择组件界面,如

下图:

💼 Citrix XenApp Setup Tizard	×
	CITRIX
Component Selection	
Select one or more components to install on this machine.	Description:
 XenApp Advanced Configuration Web Interface Citrix plug-ins Offline plug-in Online plug-in Power and Capacity Management Service Monitoring Single Sign-On SmartAuditor SmartAuditor Citrix Licensing License Server License Management Console 	Citrix Licensing components control product licenses. You will need at least one license server.
< Previous	Next > Cancel

去掉其他组件前面的勾,只安装 Citrix Licensing 组件,如上图选择,"Next",进入安装

界面,如下图:

🖥 Citrix XenApp Setup Tizard		×
		CITRIX
Product Installation Directory		
Setup will install Citrix products in the following	g <u>f</u> older.	
C:\Program Files\Citrix\		Browse
	< <u>P</u> revious	Next > Cancel

选择程序安装路径,默认,"Next"

🖻 Citrix XenApp Setup Wizerd	×
	CITRIX
License Server - License File Location	
Specify the folder for storing your Citrix license files. C:\Program Files\Citrix\Licensing\MyFiles\ If you do not have a license file, download one from MyCitrix at http://secureportal.citrix.com/mycitrix/launch/licensemain.aspx	Browse
< Previous Nex	kt > Cancel

选择 License 文件存放路径,默认,"Next"

喧 Citrix XenApp Setup Wizard	×
	CITRIX
License Server - Port Configuration	
Specify the port number of the license server within the range of 1 to 65535.	
License Server Port: 2700C	
Specify the port number of the vendor daemon within the range of 1 to 65535.	
Vendor Daemon Port: 7279	
< <u>P</u> revious <u>N</u> ext >	Cancel

设置 License 通信端口,默认,"Next"

🖻 Citrix XenApp Setup Tizard 🗙
CİTRIX
License Server - Web Server Selection
Select the web server for the License Mangement Console.
Microsoft Internet Information Services (IIS)
C Apache HTTP Server
If the web server you selected is running, then setup will need to stop and start your web server.
Allow setup to restart the web server to continue
< Previous Next > Cancel

勾选"Allow setup to restart the web server to continue","Next"

💼 Citrix XenApp Setup Wizard	×
	CİTR İX'
Start Installation	
Click Next to start the installation.	
Note that a restart may be required near the end of the installation, but installation automatically when you log on again.	n will continue
< Previous Next >	Cancel

选择"Next"开始安装。

🖷 Citrix XenApp Setup Wizard	×
	CITRIX
Please wait while components are installed	
😽 Prerequisites	
License Server	
Component: Java 2 Runtime Environment	
Action: Adding to system	
	< Previous Next > Cancel

安装程序会自动加载 License Server 安装所需要的 Java 组件,也可以不通过关盘向导安

装 License Server,可以打开光盘,找到 CTX_Licensing 安装程序进行安装,这样就需要首先把 JAVA 组件也要安装好。点完成,安装完毕!

2、把 License 文件导入 License Server

从开始菜单中找到并打开 License Management Console,如下图:

	TINKAK WINKAK	
所有程序 (P) ▶	🧰 Citrix	🕨 🛅 Management Consoles 🌗 🔞 License Management Console 👘

打开的 License Management Console 是一个 JSP 的网页,如下图所示:



选择 "Configure License Server", 进入 License 文件选择界面, 如下图

🚰 Configuration : License Files - cpsO1 - Citrix License Banagement C 💶 🗖 🗙
文件 (E) 编辑 (E) 查看 (V) 收藏 (A) 工具 (T) 帮助 (H) 🥂 🦹
🔇 后退 ▼ 🕥 ァ 🖹 😰 🟠 🔎 搜索 🌧 收藏夹 🥝 😥 😓
地址 @) 🍯 http://localhost/lmc/configuration/licenseFiles.jsp 🔽 🄁 转到 链接 »
Current Usage Historical Usage > Contiguration User Administration
License Files File Locations Threshold Options License Files Update license data
License files folder on license server: C:\Program Files\Citrix\Licensing\MyFiles\
Step 1: Download license file from MvCitrix.com
Step 2: Copy license file to this license server
NOTE: If you came to this page during a product installation, complete these then click here to close the browser window and return to the setup progra
🕘 🔰 🔰 😼 本地 Intranet 🏸

选择: "Step2: Copy license file to this license server", 进入导入界面。如下图

🖉 Configuration : l	Jpload license fil	e - cps01 -	Citrix Lie	ense B anage	
文件(正) 编辑(正) 查	浯(V) 收藏(A) 工具	l(I) 帮助()	()		1
🔇 后退 🝷 🕥 👻 🚺	🛃 🏠 🔎 搜索 👷	收藏夹 🥝	🗟 🍦 🍃		
地址 @) 🕘 http://loc	alhost/lmc/configurat	ion/uploadLi	censeFile.jsp	🔽 芛 转到	链接 >>
					<u> </u>
License Mar	nagement C	onsolo			
License Mai	lagement O	0113010			
	1				
Current Usage	Historical Usag	e → C	onfiguration	User Admin	istratio
License Files File Locations Threshold Option	ns	Uploa	d licens	se file	
License File	C:\Software\license_ Upload D Ca	2010070204	4037(cps01).li	c 浏览	5
	Specifying an exist	ing file will	cause that fil	le to be overwri	tten.
<u>e</u>				🍕 本地 Intranet	

单击"浏览"按钮,选择 License 文件,选择好之后,单击"Upload"导入。

🖉 Configuration : License Files - cpsO1 -	– Citrix License 🛛 anagement C 💶 🗙
文件(E) 编辑(E) 查看(V) 收藏(A) 工具(E)	帮助(H) 🥂
🔇 后退 👻 🕤 👻 😰 🏠 🔎 搜索 👷 收藏3	ਞ 🥝 😥 - 💺 🖻
地址 @) 🕘 http://localhost/lmc/configuration/w	nploadLicenseFile 🔽 ラ 转到 链接 »
License files folder on license server: C:\P	rogram Files\Citrix\Licensing\MyFiles\
To add or update licenses for this license se	erver:
Step 1: Download license file from MyCitrix	.com 🖻
Step 2: Copy license file to this license serv	ег 🖸 Сору С
NOTE: If you came to this page du then click here to close the brows	aring a product installation, complete thes ser window and return to the setup progra
	11 3
License File Name	Date
citrix_startup.lic	Aug 11, 2010
license_20100702044037(cps01).lic	Aug 11, 2010
Complete License Inventory	
(e)	

导入 License 文件后,就可以看到如图的界面,显示导入了一个 License,其中的第一个

Citrix_Startup.lic 是启动 License, 安装后 License Server 就存在的。选择"Complete License Inventory"就可以看到 License 文件的信息,如下图:

nsole - CASTALIS	SPACE\Administr =	∎ie □
Close 🕩 Help 🖻		CITRIX
	License	Server cpsC
ubscription Advantage Date	Expiration Date	<u>Installed</u>
F	Permanent	5,000
E	5/10/11	20
e		

该图会显示 License 的类型、过期时间、数量等,如果 License 导入不成功,或者机器

名与 License 文件不对应,将只能看到第一个 Citrix Start-up License。

三、安装 Citrix XenApp

再次运行光盘中的自动运行安装向导,前面的选择与安装 License Server 时一致,到了 选择安装组件的界面中,如下图选择:

🖻 Citrix XenApp Setup Tizard	×
	CITRIX
Component Selection Select one or more components to install on this machine.	Description:
 XenApp Health Monitoring and Recovery Hotfix Rollup Pack 5 HDX MediaStream for Flash Management Consoles Delivery Services Console XenApp Advanced Configuration Web Interface Citrix plug-ins Offline plug-in Online plug-in Power and Capacity Management 	Citrix XenApp is an end-to-end Application Delivery solution that delivers all Windows applications to all users and locations.
< <u>P</u> revious	Next > Cancel

选择好之后,"Next",进入设置 Farm 界面,如下

🖷 Citrix XenApp Setup Tizard	×
	CITRIX
XenApp - Create or Join a Farm	
Servers running Citrix XenApp are grouped into farms. If this is the first server to be installed in a farm, click Create new farm. To joi click Join existing farm.	in an existing farm,
Create new farm Earm name: kenapp	
O Join existing farm	
< <u>P</u> revious <u>N</u> ext >	Cancel

选择"Create new farm",并设置好 Farm name(自行设置),"Next"

🖻 Citrix XenApp	Setup Wizard	×
		CITRIX
XenApp - Create a	Server Farm	
To create a server fa	m, you can select to:	
Create a local dat	abase server.	
<u>D</u> atabase Type:	Access Database	•
C Set up an <u>O</u> DBC c	onnection to an existing database server to create the da	ata store.
Database <u>T</u> ype:	SQL Server	V
Server Name:		Configure
You can also use the (default zone name or specify one.	
🔽 Use default zone r	hame	
Zone Name:	192.168.1.0	
	< <u>P</u> revious <u>N</u> ext >	Cancel

选择 "Create a local database server", Type 选择 Access Database, "Next"

😇 Citrix XenA	pp Setup Tizard	×
	CİTRIX	
XenApp - Farm	Administrator Credentials	
Specify the Windo complete, this adr	ows domain user to be the administrator of this server farm. When setup is ministrator may use the management console to assign additional administrators.	
<u>U</u> ser Name:	administrator	
<u>D</u> omain:	CASTALYSPACE	
	< <u>P</u> revious <u>N</u> ext > Cancel	

设置 Farm 管理员,"默认","Next"

Citrix XenApp Setup Tizard 🗙
CITRIX
XenApp - IMA Encryption
Enabling IMA encryption provides a more robust AES algorithm to protect sensitive data in the IMA datastore. In order to use this feature, identical encryption keys must be loaded in all servers in a farm.
If you do not enable this feature now, the standard encryption algorithm will be used. You may enable this feature any time after installation.
Enable IMA Encryption
< Previous Next > Cancel

按照默认,不选择 Enable IMA Encryption, "Next"

🧧 Citrix XenApp Setup Vizard 🛛 🔀	
CİTRIX	
XenApp - License Server Configuration	
Enter the details of the existing license server that you want to use for this farm.	
License server name or IP address:	
localhost	
License server p <u>o</u> rt (default is 27000): 27000	
You can also choose to use the global farm settings for the license server or enter license configuration at a later time.	
Use global farm settings for the license server	
Configure license server at a later time	
< <u>Previous</u> <u>N</u> ext > Cancel	

指定 License Server 名或 IP,本次实验是"localhost","Next"

🖻 Citrix XenApp Setup Tizard 🛛 🛛 🔀
CİTRIX
XenApp - Shadowing Configuration
Configure the shadowing functionality for ICA and RDP sessions on this server.
If you allow shadowing, users may shadow other user sessions on this server. Remote control allows keyboard and mouse interaction while shadowing.
IMPORTANT: Prohibiting shadowing during setup is permanent. If you allow shadowing now, you can change this setting later or override it with user policies.
Allow shadowing of user sessions on this server
Pro <u>h</u> ibit remote control
Eorce a shadow acceptance popup
Log all shadow connections
< Previous Next > Cancel



🖷 Citrix XenApp Setup Wizerd 🛛 🔀
CITRIX
XenApp - XML Service Port Configuration
The Citrix XML Service Port provides the Web Interface and clients connecting over TCP/IP with the names of published applications available in a server farm.
Select the TCP/IP port option to use for the Citrix XML Service:
\bigcirc Share the TCP/IP port with Internet Information Services
Enable virtual scripts to continue
💿 Use a separate port
Po <u>r</u> t: 8080
< Previous Next > Cancel

选择"Use a separate port", "8080", "Next"

🖻 Citrix XenApp Setup Wizard 🛛 🗙
CITRIX
XenApp - Remote Desktop Users Configuration
To connect remotely to Citrix servers running on Windows Server 2003, users must be members of the Remote Desktop Users group.
To add users, you can:
C Add the Authenticated Users group
Add all users in the Users group
◯ <u>S</u> kip this step and add users later
You can also create anonymous users and add them.
Create anonymous users
If you skip this step, only administrators can connect remotely to this server.
SECURITY NOTE: Any user added to the Remote Desktop Users group will have access via ICA and RDP connections.
< <u>P</u> revious <u>N</u> ext > Cancel

按照默认选择,"Next"

🖻 Citrix XenApp Setup Wizard	×
CİTRİX	ζ.
XenApp - Server Address for Citrix online plug-in	
The Citrix online plug-in must be aware of the location of the web server hosting the Web Interface.	
Enter the URL of the web server that is hosting the Web Interface.	
Server URL: Jocalhost	
< <u>P</u> revious <u>N</u> ext > Cancel	

按照默认,"Next"

🖷 Citrix XenApp Setup Tizard 🗙
Citrix
Web Interface - Plug-in Configuration
Select to copy the plug-in packages from the installation media to the Web Interface folder.
Copy plug-in packages to Web Interface install folder.
Provide the location of the plug-in packages:
D:\Citrix Receiver and Plug-ins
< Previous Next > Cancel

选择 "Copy plug-in packages to web interface install folder", 然后通过"Browser" 按钮 选择到光盘中的"Citrix Receiver and Plug-ins"文件夹。"Next"

🖻 Citrix XenApp Setup Tizard 🛛 🔀
CITRIX
Start Installation
Click Next to start the installation.
Note that a restart may be required near the end of the installation, but installation will continue automatically when you log on again.
< Previous Cancel

选择"Next"开始安装

	CITRIX
Please wait while components are installed	
😽 Prereguisites	
Web Interface	
Citrix XenApp	
Management Consoles	
Citrix plug-ins	
Component: Microsoft Visual C++ 2005 SP1 Runtime	
Action: Adding to system	
< Previous	Cancel
安装过程界面截图	

🖻 Resta	urt Computer	×
⚠	It is necessary to restart your computer to finish the installation.	Do you want to initiate a restart?
	<u>是(1)</u> 否(1)	

安装完毕后,会提示重新启动计算机,选择"是",重新启动。

三、安装后的配置

系统重新启动后,按照下图打开 Delivery Service Console,配置系统管理单元连接 XenApp 服务器。

1	🗐 Outlook Express	💼 Management Consoles	🕨 🔞 License Management Console
事件查看器	🔔 远程协助	🛅 Administration Tools	🕨 😰 Citrix Web Interface Management
	🛅 WinRAR	 Citrix Presentation Server 	🕨 🧓 Delivery Services Console
所有程序(2)	💼 Citrix	🕨 🖻 Online plug-in	Manage XenApp

出现欢迎界面,如下图:

Configure and run discove	ry
Telcome	
Steps > Telcome Select Products or Components Configure Discovery Discovery Progress	This is the discovery wizard for the Delivery Services Console. It will guide you through the discovery process. Before using the Delivery Services Console, you must run discovery to establish contact between items in your deployment and the console. Select Next to continue or Cancel to stop the discovery process.
<u> </u>	Next > Cancel

"Next"

Configure and run discovery	
CITRIX	
Select Products or Component	2
Steps V Welcome > Select Products or Configure Discovery Discovery Progress	Select the products or components in your deployment that contain the items you want discovery to search for. Products or components: Citrix Resources Cit
	Cancel



Configure and run discover		
CÎTR <u>î</u> X'		
Select Servers		
Steps	Specify at least one server running Citrix XenApp in each farm that you want to administ	er.
✓ Welcome	- Add Local Computer	
✓ Select Products or Components	Servers:	
Configure Discovery	CPSOI	<u>A</u> dd
IenApp		Remove
Select Servers		
Preview Discovery		
Discovery Progress		
	(Beale Harris)	Cancal
	<u>v pack</u> <u>M</u> ext /	Cancer

单击 "Add Local Computer", 把本地的 XenApp 服务器加到管理单元, "Next"

Configure and run discove	ry
CİTRİX .	
Preview Discovery	
Steps	Check the summary configuration information below. To make any changes, click Back. To start discovery, click Next.
✔ Welcome	XenApp Configuration Secure CPC01
✓ Select Products or Components	
🗸 Configure Discovery	
🖌 XenApp	
✓ Select Servers	
Preview Discovery	
Discovery Progress	
	Lark Mext / Cancer

确认信息,"Next"

Configure and run discovery		
Discovery Progress Use this page to monitor	the progress of discovery and check any errors.	
Steps Velcome Select Froducts or Components Configure Discovery Select Servers Preview Discovery Discovery Progress	- Discovery completed Close this wizard when discovery is successful Errors: Double-click bold items to show additional detail. Description	Stop Discovery
	< <u>B</u> ack 	Cancel

单击 Finish,完成,进入系统管理单元界面,如下图所示。

Citrix Delivery Services Cons	ole	
文件 (P) 操作 (A) 查看 (V) 帮助 (H)	
Citrix Delivery Services Console	Kome My Views Search	Citrix Delivery Services C Citrix
My Views		×-1
→ Point Center → Licensing → Diagnostic Facility □→ Citrix Resources	Common Tasks Configure and run discovery Run discovery	Velcome The Delivery Services Console provides a central location from which environment. Before you begin, you must first run the discovery pro- establish contact between your deployment and this console.
- 🧭 Configuration Tools	Other Tasks	Discovery was last run across all Citrix products on: 2010-8-11 18:0
E ZenApp	Set accessibility options	<u>Configure and run discovery</u> <u>Run discovery</u>
	RelatedTools	Citrix Resources
	XenApp Advanced Configuration 😰 Citrix Knowledge Center 🗗	Configuration Tools Depending on the Citrix products you install, use Configuration Tools to configure and maintain your Citrix deployment.
	🗗 Launches external application	Deployment status
		Status Name Unreach Er
		OK Hotfix Management O
		Overview Alerts You can view all alerts currently reported in your deployment, allowing
•		

四、发布一个应用

安装配置完毕之后,首先发布一个应用,在 Delivery Services Console 中,展开 XenApp 选项,在其下面的 Application 上单击鼠标右键,如下图。

Citrix Delivery Services Console	Home My Views Search	Citrix Delivery Services C Citrix
Search Kesults		
Report Center	Connon Tarks	Velcone
Licensing	Configure and run discovery	
📑 Diagnostic Facility	Bun discovery	The Delivery Services Console provides a central location from which environment. Before you begin, you must first run the discovery pro-
E Citrix Resources		establish contact between your deployment and this console.
- Configuration Tools	Rul T	Discovery was last run across all Citrix products on: 2010-8-11 18:3
- C XenApp	Set accordibility antiang	Configure and run discovery
Xanapp	Set accessibility options	Run discovery
Administrators		
Applications Cont.	I i i i i i i i i i i i i i i i i i i i	
E Servers Info	dvanced	Configuration Tools
H-W Monitoring C Aler	ts nowledge Center	you install, use Configuration
New	 Publish application 	Tools to configure and maintain XenApp
所有	任务 低) → Create folder	your Litrix deployment.
复制	(C) external application	Deployment status
ŦRBL		Status Name Unreach Er
		🔮 0K Hotfix Management O
		VOK xenapp O
		Alerts Search Results
		You can view all alerts currently You can search for a ran;
		A sported in your deproyment, accounting your deproyment (for exa-

本次实验准备发布一个记事本程序,选择菜单"New"——"Publish Application",进入应用发布向导,如下图:

Publish Application (1	/8) 🗙
CİTRIX '	
Telcome	
Steps Tel come	This is the application publishing wizard for XenApp. It will guide you through the process of publishing an application.
Basic Name Type Location Servers Users Shortcut presentation Publish immediately	Select Next to continue or Cancel to stop the application publishing process. After publishing an application, you can change its settings by selecting the published application and choosing Modify application properties from the Common Tasks pane in the Delivery Services Console.
	Skip this screen in the future

欢迎界面,"Next"

notepad - Publish Appl	ication X
CITRIX' Hame	
Steps V Welcome Basic Hame Type Location Servers Users Shortcut presentation Publish immediately	Enter the name and description that you want to be displayed to clients for this application. Display name: notepad Appligation description:
	< <u>Back</u> <u>M</u> ext > Cancel

写好应用名"notepad"或者"记事本","Next"

notepad - Publish Application (3/8) 🛛 🗙			
_			
Type View the application t	type. To change the type, use the Change application type task.		
Steps	Choose the type of application to publish.		
✓ Welcome	C Server <u>d</u> esktop		
Basic	C Content		
🖌 Name	• Application		
▶ Type	Application type		
Location	Accessed from a server		
Servers	C Streamed if possible, otherwise accessed from a server		
Users	Ser <u>v</u> er application type:		
Shortcut	Installed application		
presentation			
fublish immediately	C Streamed to client		
	1 Note: To change the application type after publishing it, you must use the		
	change Application Type task.		
	Quick Help		
	Grants users access to a single application aiready installed on your servers.		
	- Create The Create		
	<u>Lack</u> <u>Lext</u> Lancel		

选择应用类型,"默认","Next",进入应用路径选择,如下图:

notepad - Publish Application (4/8) 🛛 🗙 🗙		
CİTRIX '		
Location Select and configure	the resource being published.	
Steps VWelcome Basic VName VType Location Servers Users Shortcut presentation Publish immediately	Enter the application location Enter the command line for the application you want to publish. You can also specify a default working directory for users. More Command line: Working directory: Browse Browse Browse	
	<u> Sack</u> <u>Mext</u> Cancel	

单击"Browser",选择应用路径,如下图:

Browse Files		×
Look in:	•	a
SoftwareDistribution srchasst system system32 TAPI Temp twain_32 Web WinSxS dialer.exe performer.exe NOTEPAD.EXE		
File name: NOTEPAD.EXE	0)K
Files of type: Executable Files (*.exe)	Can	icel

找到应用的可执行文件,单击"OK",回到应用路径选择界面

notepad - Publish Application (4/8) 🛛 🗙 🗙		
Location Select and configure t	the resource being published.	
Steps ✓ Welcome Basic	Enter the application location Enter the command line for the application you want to publish. You can also specify a default working directory for users. <u>More</u>	
 ✓ Name ✓ Type ► Location Servers Users Shorteut 	Lommand line: c:\WINDOWS\NOTEFAD.EXE Working directory: c:\WINDOWS Browsg	
presentation Publish immediately	I solate application <u>Settings</u>	
<u> </u>	< <u>Back</u> <u>N</u> ext > Cancel	

可以看到,应用路径已经显示在 Command Line 里面了,"Next",进入应用运行服务器

配置界面。

notepad - Publish App	lication (5/8)		×
CİTRIX '			
Servers Configure which ser	vers will host the a	pplication.	
Steps	Choose the serve delivered via IC	ers on which this published appl CA.	ication will run when being
🗸 Welcome	<u>S</u> ervers:		
Basic	Name	Relative location	Application location
🗸 Name			
🗸 Туре			
✓ Location			
Servers			
Users			
Shortcut			
presentation			
Publish immediately			
	Oitems		
	<u>Ad</u> d	Edit Remove	Import from file
			< Back Next > Cancel

单击"Add"按钮,选择服务器,如下:

Select Servers	×
Look <u>i</u> n: 🔁 Servers 💌 🖛 💼 🎫 🔹 🝸 🕶	
CPS01	Add
	Add A <u>1</u> 1
	□ Include sub <u>f</u> olders
Selected items:	
CPS01 /xenapp/Servers	Kemove
	Kemove All
	OK Cancel
	Calicer

选择服务器,单击右边的"Add"按钮,把服务器添加到下面的已经选择栏中,单击"OK",确认选择。回到应用运行服务器配置界面:

notepad - Publish Application (5/8) 🛛 🛛			
CİTRIX '			
Servers Configure which server	rs will host the a	pplication.	
Steps	Choose the serve delivered via IO	ers on which this published appl CA.	ication will run when being
🗸 Welcome	Servers:		
Basic	Name	Relative location	Application location
✓ Name ✓ Type	CPS01	Servers	Default
 Location 			
Vsers			
Shortcut presentation			
Publish immediately			
	4		Þ
	1 item A <u>d</u> d	<u>E</u> dit Remove	Import from file
			< Back Next Cancel

note	pad - Publish Appl:	ication (6/8)
ci	TRIX'	
Vs	ers Configure the users w	who may access the application.
St VW B V	eps elcome Masic Name Type Location Servers Users	Specify the users who can access this application. To add users, choose a directory type at the bottom and select Add. <u>More</u> C Allow anonymous users Allow <u>only</u> configured users <u>C</u> onfigured users:
P	Shortcut presentation ublish immediately	Select directory type: Add Remove
		< <u>B</u> ack [Mext >] Cancel

单击"Add",选择用户,如下:

选择好服务器,"Next",进入配置用户界面,如下:

Select Users or Groups	×
Add List of Names	
Look in:	
Strop Level Account Authorities	
BUILTIN CASTALYSPACE. COM CPS01	
∑ <u>A</u> dd	
<u>C</u> onfigured Accounts	
OK Cancel	

双击域名

连接到 CASTALIS	PACE. CON	? ×
R		G
欢迎来到 CASTALY	SPACE. COM	
用户名(11):	1	•
密码(E):		
	□ 记住我的密闭	码(图)
	确定	こ 取消

输入 AD 的管理员账户和密码,"确认",出现用户组列表,如下:

Select Users or Groups	×
A <u>d</u> d List of Names	
Look <u>i</u> n:	
Disers 🔁	T 👧
 DnsUpdateProxy Domain Admins Domain Computers Domain Controllers Domain Guests Domain Users 	
A Enterprise Admins	•
∇ <u>A</u> dd <u>R</u> emove	🗌 Show users
Configured Accounts	
CASTALYSPACE\Domain Users	
	OK Cancel

note	pad - Publish Appli	cation (6/8)	×
ci	TRIX'		
Vs	• ers Configure the users wh	ho may access the application.	
St ✓ W	eps	Specify the users who can access this application. To add users, choose a directory type at the bottom and select Add. <u>More</u>	
В	asic		
• • •	Name Type Location Servers Users Shortcut presentation ublish immediately	C Allow anonymous users Allow only configured users Configured users: Domain Users (CASTALYSPACE\Domain Users)	
		Select directory <u>type:</u> <u>Add</u> <u>Remove</u>	J
		< <u>B</u> ack <u>Mext</u> Cancel	1

选择好用户,"Next"

选择用户组,本例选择"Domain Users",所有域用户,"OK",回到用户配置界面。

sentation
sentation
Configure the appearance and location of the application shortcut.
These settings function differently on different clients. More
Application icon
Icon: Change icon.
Client emplication folder:
Crient approaction folder.
tion Application shortcut placement
ediately 🔲 📙 Elace under Programs folder (Citrix online plug-in only)
Start menu folder (Citrix online plug-in only):
↓
< Back Next > Cancel

按照默认选择,"Next"

notepad - Publish Appl	ication (8/8) X
Publish i m ediately	
Steps V Welcome Basic V Name Location Servers Vsers Shortcut presentation Publish immediately	The essential settings for this application have been configured. When the wirard is finished, the application will be available to the configured users immediately. If you don't want the application to be available immediately, you can disable it until you are ready. Disable application initially Advanced application settings default to the most common settings and are not required to be set for the application to be available to users. You can configure these settings now, or you can configure them later using the application Froperties tasks. Configure advanced application settings now
	< <u>B</u> ack <u>Finish</u> Cancel

按照默认选择,单击"Finish"完成应用的发布。

五、建立 Web 访问站点

完成了应用的发布,现在需要建立一个 Web 站点,供用户访问发布的应用,按照下图

打开"Citrix Web Interface Management

	💼 Citrix	•	Management Consoles	• 1	💈 License Management Console
所有程序(2) ▶	🛅 管理工具	۴ 🛅	Administration Tools	•	🔋 Citrix Web Interface Management
		🚺 🖓 🖓 🔁	Citrix Presentation Server	+ (🦻 Delivery Services Console
		C 11 11	Online plug-in	Ę	🗼 XenApp Advanced Configuration

出现 Web Interface 的管理单元,如下图

🙀 Citrix Web Interface Man	agement	_ [X
文件(E) 操作(A) 查看(V) 希	ያመ ዊ)		
🕞 Citrix Web Interface		操作	
YenApp Web Sites	Uverview	Citrix Teb Interface	
MenApp Services Sites		Create Site	
	Configure how users access their resources.	 	7
			-1
	Site Summary		-
			1
	Name URL Created M		
	Knowledge Center For technical information on the Web Interface, hotfixes, security bulletins, and troubleshooting guides, visit the <u>Citrix Knowledge Center</u> .		
n Citrix Teb Interfac 文件 (P) 操作 (A) 查看	e ∎anage∎ent (V) 帮助(H)		
← → 💽 😤 🖪			
🕝 Citrix Web Interface			
💷 XenApp Wob Sitor	Overview		
L.C. XenApp 同新(2) 帮助(2)	Configure how users access their resources.		
	Site Summary		
	Name URL	Created	M

在左边的"XenApp Web Site"上,右键,选择"Create Site",出现站点创建向导

Create Site		×
CİTRIX '		
-		
Specify IIS	Location	
Specify the I	IS location in which the site is hosted. This determines the URL for users to access the site.	
<u>I</u> IS site:	默认网站	
<u>P</u> ath:	/Citrix/XenApp/	
Na <u>m</u> e:	XenApp	
	✓ Set as the default page for the IIS site	
		_
	Next > Cancel	

选择"Set as the default page for the IIS site","Next"

Create Site				×
CİTRIX '				
Specify Point of Authentication				
Specify where user authentication takes place:				
At Web Interface				
The Web Interface authenticates users. You can select				
including explicit, pass-through, and smart card.				
		Web server		
	🔊 Point of aut	hentication		
		< Back	Next >	Cancel

按照默认选择"At Web Interface","Next"

Create Site

Confirm Settings for New Site

Site type XenApp Web			
Site name XenApp			
IIS site 默认网站			
Default page for IIS site Yes			
Example site URL http://cps01.CastalySpace.com/Citrix/XenApp	o/		
Authentication Authentication point: Web Interfac	26		

确认信息,"Next"

Create Site	
CITRIX	
•	
CreatingSite	
Site successfully created	_
]
You can configure the site now. If you continue without configuring the site, the default configuration will be applied.	
✓ Configure this site now	
< Back	Next > Cancel

站点创建成功,开始配置站点,"Next"

X

CITRIX Specify Server Farm Specify details of the server farm providing the resources. Settings can be updated after initial configuration	
Specify details of the server farm providing the resources. Settings can be updated after initial configuration	
Specify details of the server farm providing the resources. Settings can be updated after initial configuration	
Specify details of the server farm providing the resources. Settings can be updated after initial configuration	
Specify details of the server farm providing the resources. Settings can be updated after initial configuration	
using the Server Farms task.	
Farm name: Kenapp	
Servers (in failover order):	
Nove <u>Up</u>	
Move Down	
Add Edit Remove	
XML Service port: 80	
Iransport type: HTTP 💌	
SSL Relay port: 443	
Mext > Cancel	

填写 Farm name, 安装 XenApp 时建立的 Farm

Specify Initial Configuration - XenApp 🛛
CITRIX
-
Specify Server Farm
Specify details of the server farm providing the resources. Settings can be updated after initial configuration using the Server Farms task.
Farm name: xenapp
Servers (in failover order):
Add Server 🗙
Server name: cps01
OK Cancel
Add Edi
XML Service port: 80
Iransport type: HTTP 💌
SSL Relay port: 443
Next > Cancel

添加服务器,填写 XenApp 服务器名

Specify Initial Configuration - IenApp	×
CİTRIX '	
SpecifyServerFarm	
Specify details of the server farm providing the using the Server Farms task.	resources. Settings can be updated after initial configuration
Farm_name: xenapp	
Servers (in failover order):	
Add Edit Remove XML Service port: 5080 Iransport type: HTTP SSL Relay port: 443	Move <u>Do</u> Move <u>Down</u>
	Next > Cancel

设置 XML 端口,与安装 XenApp 时的端口设置一致: 8080

Specify Initial Configuration - YenApp		×
CİTRIX [.]		
•		
Configure Authentication Methods		
Specify how users authenticate when logging on to access their re authentication methods may require additional configuration of yo correctly. <u>More</u>	sources. Note that some of these ur system before they will operate	
Authentication methods (select one or more):		
🔽 <u>E</u> xplicit		
Pass-through		
Pass-through with smart card		
□ S <u>m</u> art card		
Anonymous*		
* Not supported by XenDesktop.		
	< Back Next > C	ancel

按照默认选择,"Next"

Specify Initial Configuration - XenApp	×
CITRIX	
Domain Restriction	
You can restrict access to users in selected domains. Settings can be updated after initial configuration using the Authentication Methods task.	
C Allow any domains	
Descip list	
Dolligity 1120	
A <u>d</u> d Edi <u>t</u> Remo <u>r</u> e	
Note: Users will be required to enter a domain name in the Domain box on the	
Logon screen. Both domain user name and UPN format logons will be permitted.	
	-
< Back Next > Cancel	

按照默认选择,"Next"

Specify Initial Configuration - XenApp			×
CITRIX			
Specify Logon Screen Appearance			
• Minimal			
Display only the logon fields for the selected authentication method.		Nome en or aphatem, etc you mantala.	
Note: The Messages and Preferences buttons will not appear on the Logon screen.			
O Full			
Display the header area and navigation bar, including the Messages and Preferences buttons.		cinux	
	< <u>B</u> ack	<u>N</u> ext >	Cancel

按照默认选择,"Next"

Specify Initial Configuration - XenApp	×
CITRIX	
•	
Select Publi shed Resource Type	
Select the types of resources available to users. Settings can be updated after initial configuration using the Published Resource Types task.	
Online	
Users access applications, content, and desktops hosted on remote servers.	
C Offline	
Users stream applications to their desktops and open them locally. Users must install the Citrix offline plug—in.	
O Dual mode	
Users access both offline applications and online applications, content, and desktops, all on the same site.	
< Back Next > Cancel	

按照默认选择,"Next"

S	pecify Initial Configuration - XenApp	X
(CİTRIX'	
	•	
	Confir m Settings	
	Check the summary information below. To make any changes, click Back.	
	Farm name	
	xenapp	
	Servers	
	cps01	
	XML Service port	
	8080	
	XML Service transport type	
	HTTP	
	Authentication methods	
	Explicit	
	Domain restriction	
	Allow any domains	
	Logon screen	•
_		
	<u> </u>	

单击"Finish",结束站点的创建与配置

🗊 Citrix Teb Interface	anagement	
文件(12) 操作(A) 查看(V) 帮助(H)	
← → 🖪 😫 🖬		
Citrix Web Interface	Quantian	操作
YenApp Web Sites	DAGIAIS M	Citrix Teb Interface 🔺
a keining bei vices bi	Configure how users access their resources.	Create Site
		<u></u>
	Site Summaru	♂ 刷新
		2 帮助 ▶
	Name URL Created Mc	IenApp 🔺
	XenApp Web	Configure Site
	XenApp http://cps01.CastalySpace.com/Citrix/XenApp 2010-8-12 20	ያ 帮助
	₹ D	
	Knowledge Center	
	For technical information on the Web Interface, hotfixes, security bulletins, and	
	aoduleshooding galaes, visit the <u>claix knowledge Center</u> .	

从上图可以看到,创建了一个 XenApp Web 站点。

六、访问 XenApp 发布的应用

到此 Citrix XenApp 的基本安装和配置过程已经完毕,现在找一个 PC 终端来访问 XenApp 发布的应用。

打开 IE, 访问对方的 Web 站点, 在 IE 中输入 XenApp 服务器的 IP 地址,出现以下登录框:

🗿 Citrix XenApp - 登录 - Microsoft Internet Explorer	
文件(12) 编辑(12) 查看(2) 收藏(4) 工具(1) 帮助(14)	
🔾 Gill • 🚫 · 🗷 🙆 🏠 🔎 接集 🌪 收藏美 🤣 🎯 · 🌉 🔟 · 🔜 💽 🏭 🍇	
1811 🕐 🕘 http://192.168.1.161/Citrix/XenApp/euth/login.aspx	▶ 转到 链接 »
	Totornat
NAT.	- Internet

输入用户名,密码,域名,登录,会出现客户端下载安装提示:

🗿 Citrix XenApp - 下载	客户端 - Microsoft Internet Explorer	
文件(12) 编辑(12) 查看(12)	收藏 (4) 工具 (2) 帮助 (4)	<u></u>
G fil • 🕥 · 💌 🕻	🛿 🏠 🔎 推荐 🧙 收缩来 🥝 😥 🍓 🔳 🗧 🔜 💽 🎒 🖓	
地址 (1) 🕘 http://192.168.1.1	161/Citrix/XenApp/clientDetection/downloadMative.aspx	✓ → 转到 链接 ※
ci	TRIX	
	下数客户端 八松在攻 ☑ 陸守保賀技能: 确以您已阅读: 登辦并接受 (duri 许可协议): 已尽差 相后尝试 进行 ↓下較 2 ④ 单击 "下载" 将在计算机上安装软件: <u>有关安全的更多信息</u>	
	SİTBIX	
🎒 完毕		Internet

勾选下载按钮上面的复选框,然后单击:"下载"

文件下载 - 安全警告
您想运行或保存此文件吗?
名称: CitrixOnlinePluginWeb.exe 类型: 应用程序, 11.0 MB 发送者: 192.168.1.161
运行 (B) 保存 (S) 取消 [] [] [] [] [] [] [] [] [] [] [] [] []
来自 Internet 的文件可能对您有所帮助,但此文件类型可能危害您的计算机。如果您不信任其来源,请不要运行或保存该软件。 <u>有何风险?</u>

把文件保存到适当的位置,并且双击安装客户端。安装完之后,就会进入到应用列表界

面,如下图:



用鼠标单击发布的记事本应用,稍等片刻,就可以打开服务器上的记事本了,如下图:

🚺 无标题 - 记亊本					
文件(E)	编辑(<u>E</u>)	格式(<u>0</u>)	查看(⊻)	帮助(出)	
					A
					_
					▶ //.

完!