

XenApp5 安装配置手册

Ver 1.0

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一、XenApp5 介绍

XenApp 5.0 新增特性介绍

所有版本 - 通用功能

- Windows Server 2008 support (Windows2008 的支持)
- New icons and other UI updates for consistency (新的图标和命名)
- Special folder redirection (特定目录重定向)
- New Web Interface and enhancements (Web Interface 新增特性)
- XPS printing protocol support (XPS 格式的支持)
- ClearType font smoothing
- IPv6 Support (IPv6 的支持)

企业版本或更高版本

- Application Streaming (应用程序流技术的加强)
- New Resource Manager * (新的资源管理器)
- New Installation Manager* (新的安装管理器)

白金版

- Citrix EdgeSight 5.0* (EdgaSight 版本的更新)
- Preferential Load Balancing (功能更强的负载均衡)
- Citrix Password Manager 4.6 SP1
- New clients for EasyCall, Access Gateway, and WANScaler * (针对 EasyCall 等的新客户端)

功能/组件—版本比较

| Feature or Component | Advanced | Enterprise | Platinum |
|---|----------|------------|----------|
| Server-side application virtualization | X | X | X |
| Support for 64-bit platforms | X | X | X |
| Secure Gateway | X | X | X |
| Client-side application virtualization (streaming) | | X | X |
| Simple Network Management Protocol (SNMP) monitoring | | X | X |
| Health Assistant | | X | X |
| XenApp Provider and XenApp Management Packs | | X | X |
| CPU Utilization Management | | X | X |
| Resource Manager powered by EdgeSight | | X | X |
| Application Performance Monitoring powered by EdgeSight | | | X |
| Preferential Load Balancing | | | X |
| SmartAuditor | | | X |
| Single Sign-on powered by Citrix Password Manager | | | X |

新的图标和命名改变

| Old Icon | Old Name | New Icon | New Name |
|---|------------------------------|---|--|
|  | Program Neighborhood Agent |  | Citrix Applications |
|  | WANScaler Client |  | Citrix Accelerator |
|  | Citrix Communication Gateway |  | Citrix EasyCall |
|  | Citrix Password Manager |  | Citrix Password Manager |
|  | Secure Access Client |  | Citrix Secure Access |
| | Presentation Server Client | | Citrix Delivery Client (Server Virtualization) |
| | Application Streaming Client | | Citrix Delivery Client (Client Virtualization) |
| | Presentation Server Console | | Advanced Configuration Tool |

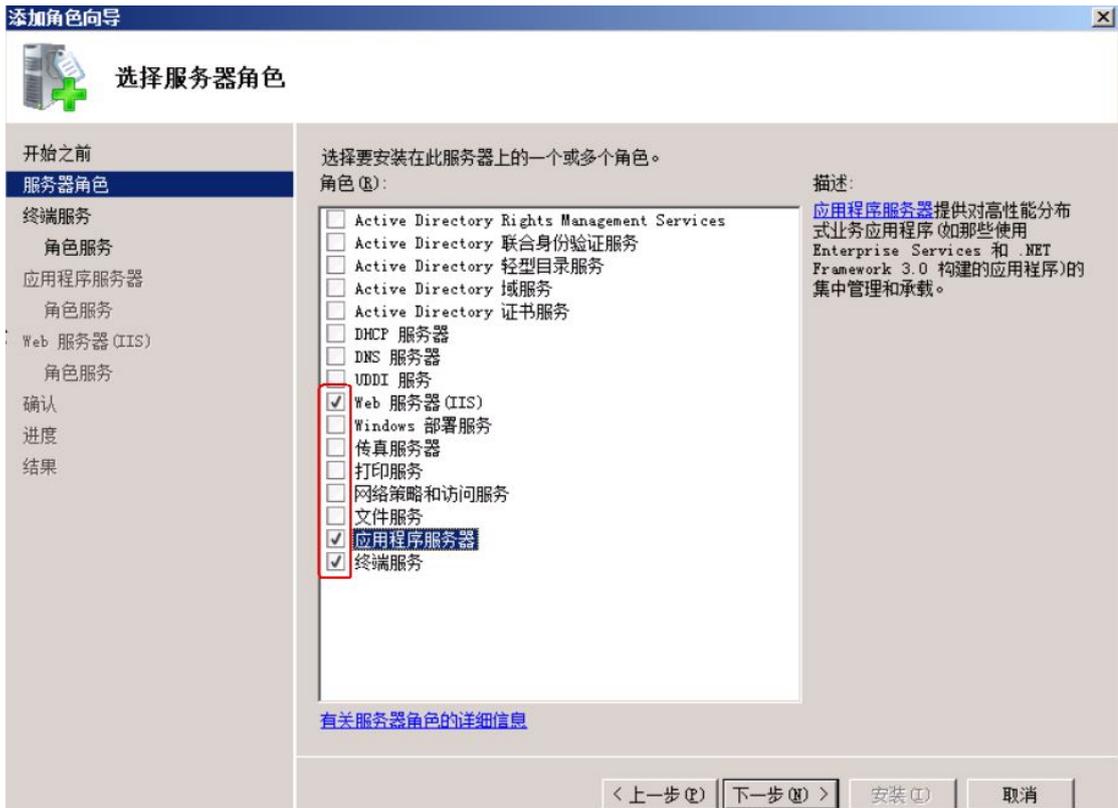
二、安装配置过程

1、安装组件

(1) 打开 Windows2008 的服务器管理器，选择添加角色



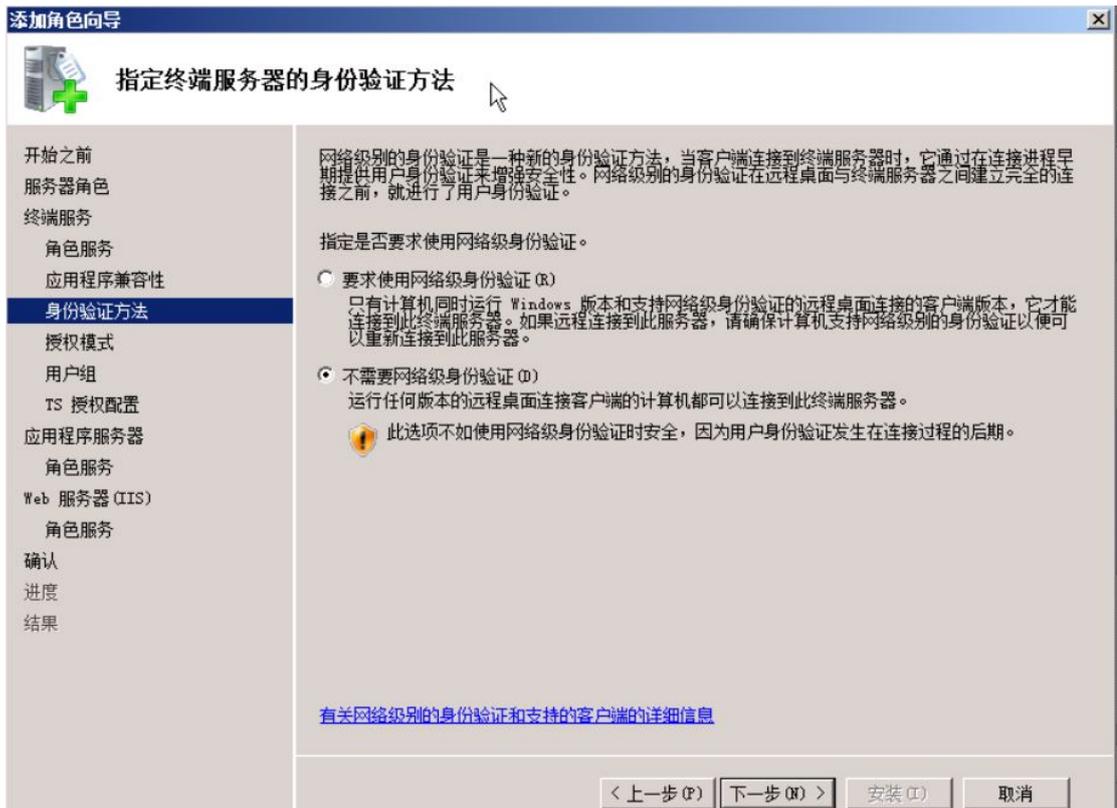
(2) 选择 Web 服务器、应用程序服务器、终端服务



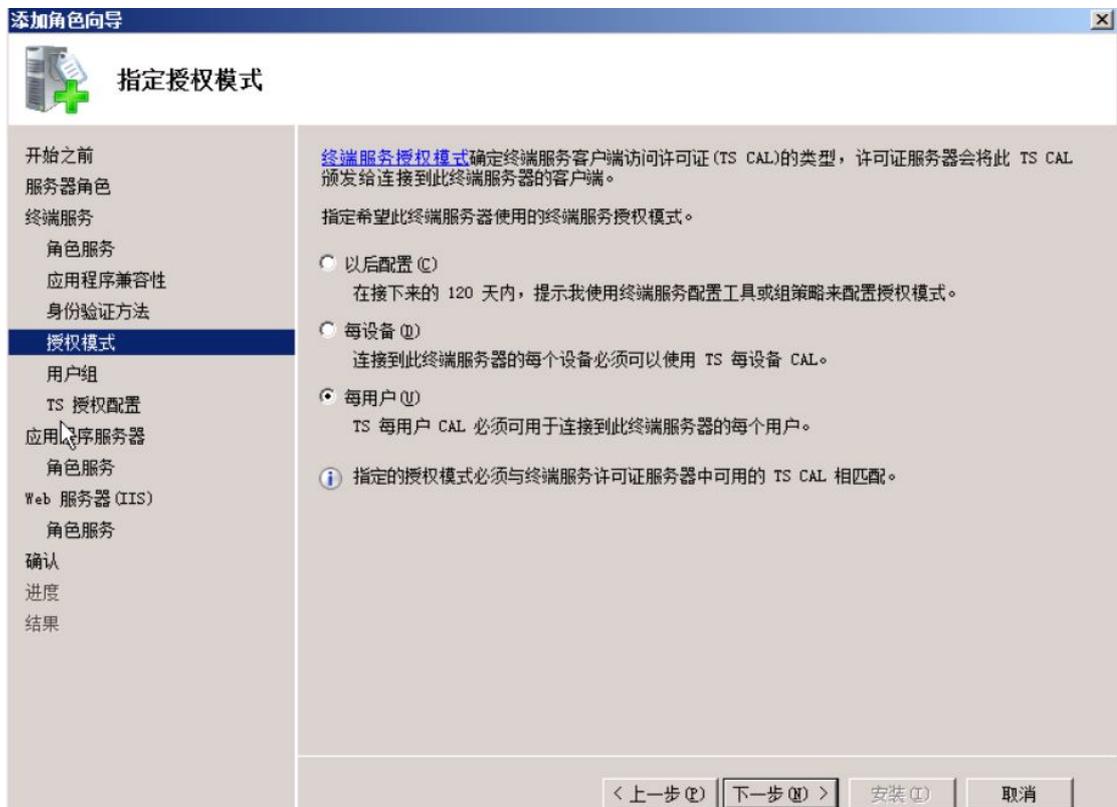
(3) 在终端角色服务里, 选择“终端服务器”、“TS 授权”



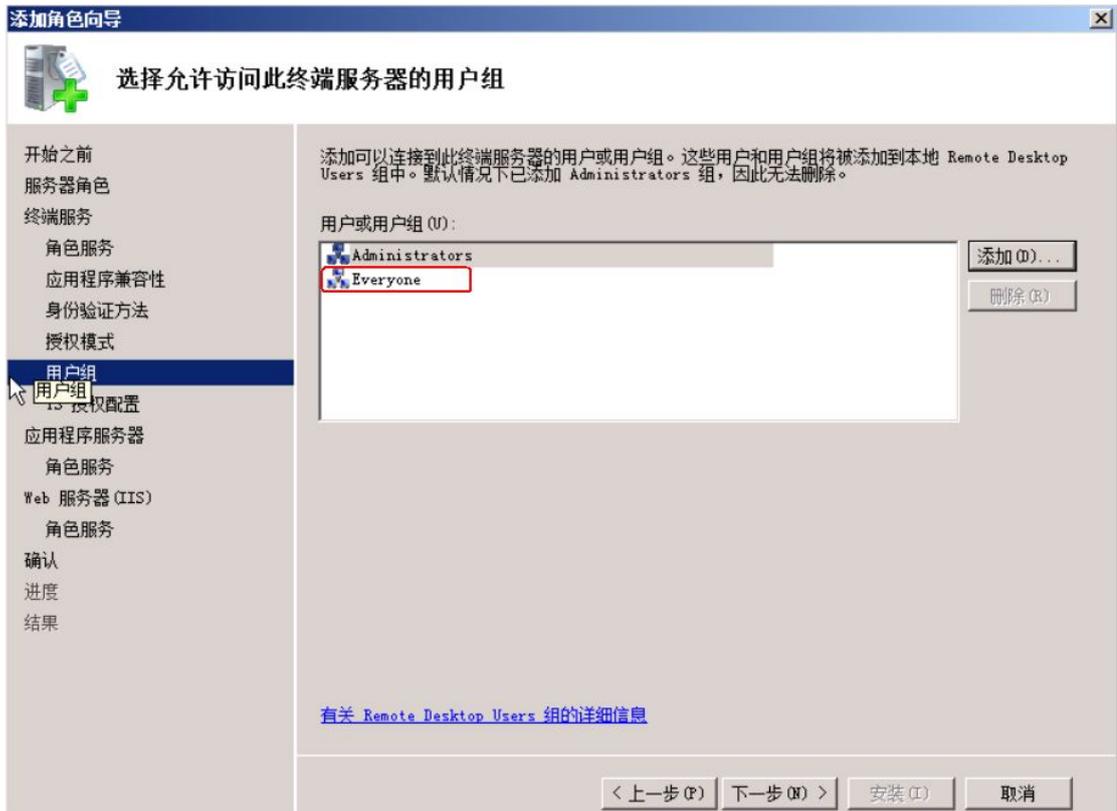
(4) 终端服务器身份验证方法, 选择“不需要网络级身份验证”



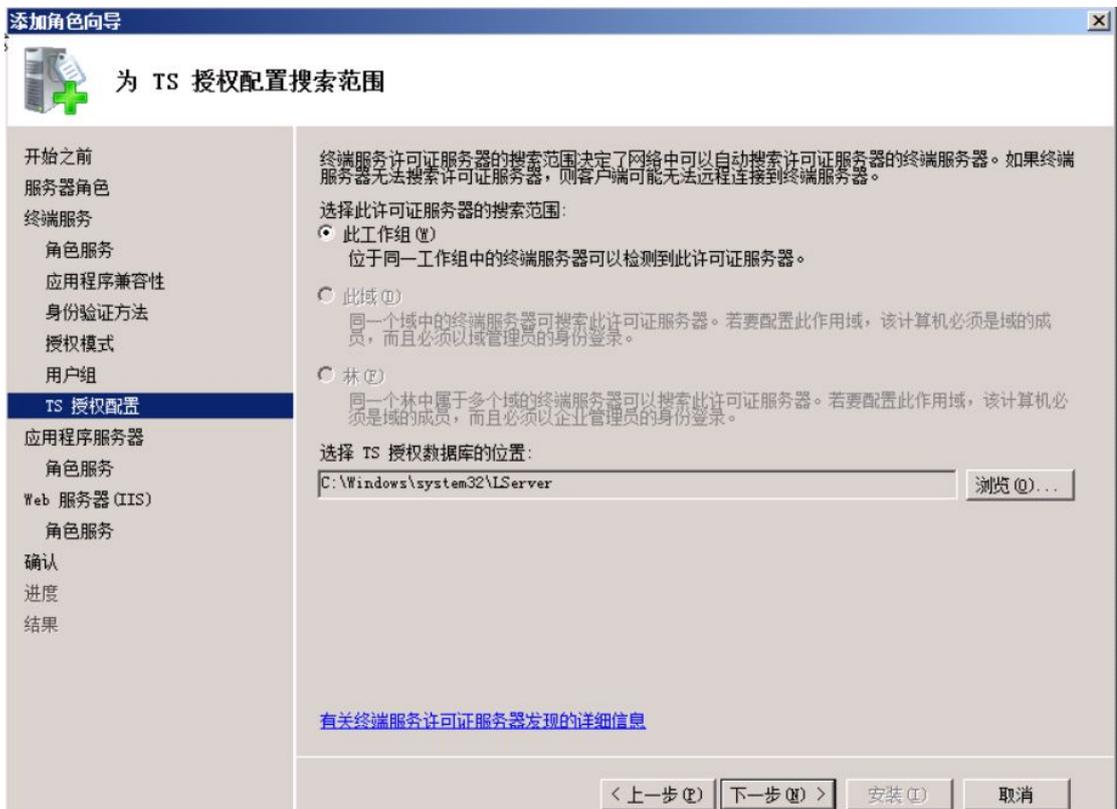
(5) 授权模式选择“每用户”



(6) 允许访问终端服务器的用户组，添加“Everyone”

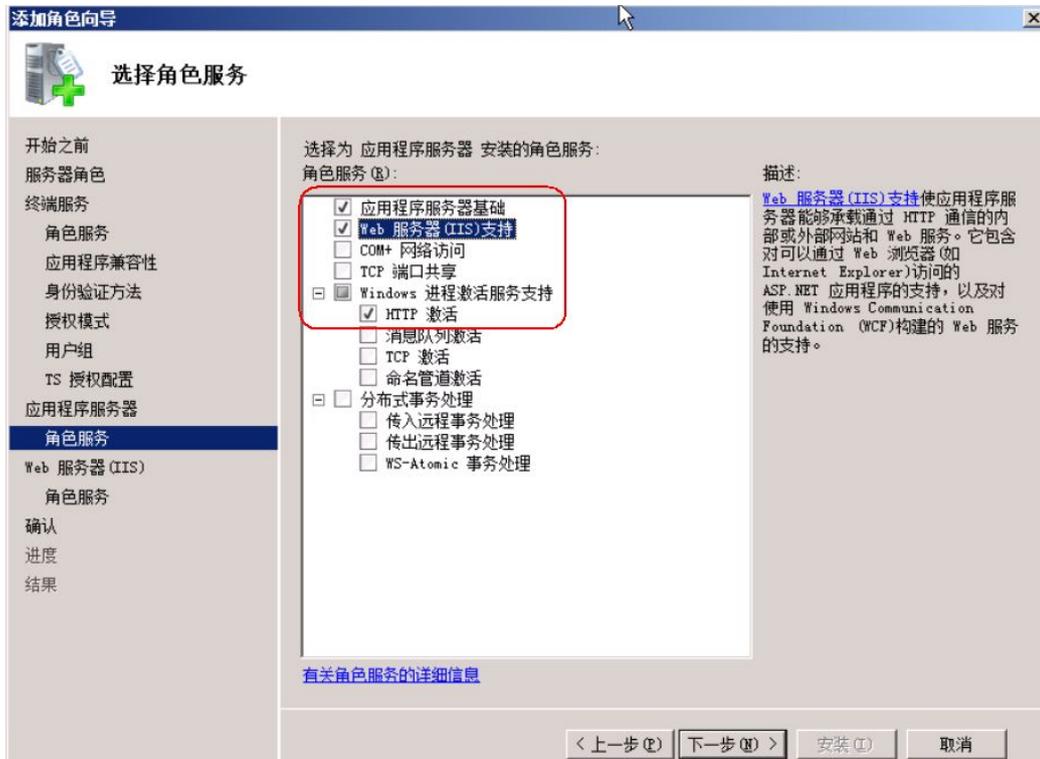


(7) TS 授权配置搜索范围，按默认的即可，我的环境是在工作组中，因此其他选项为不可选

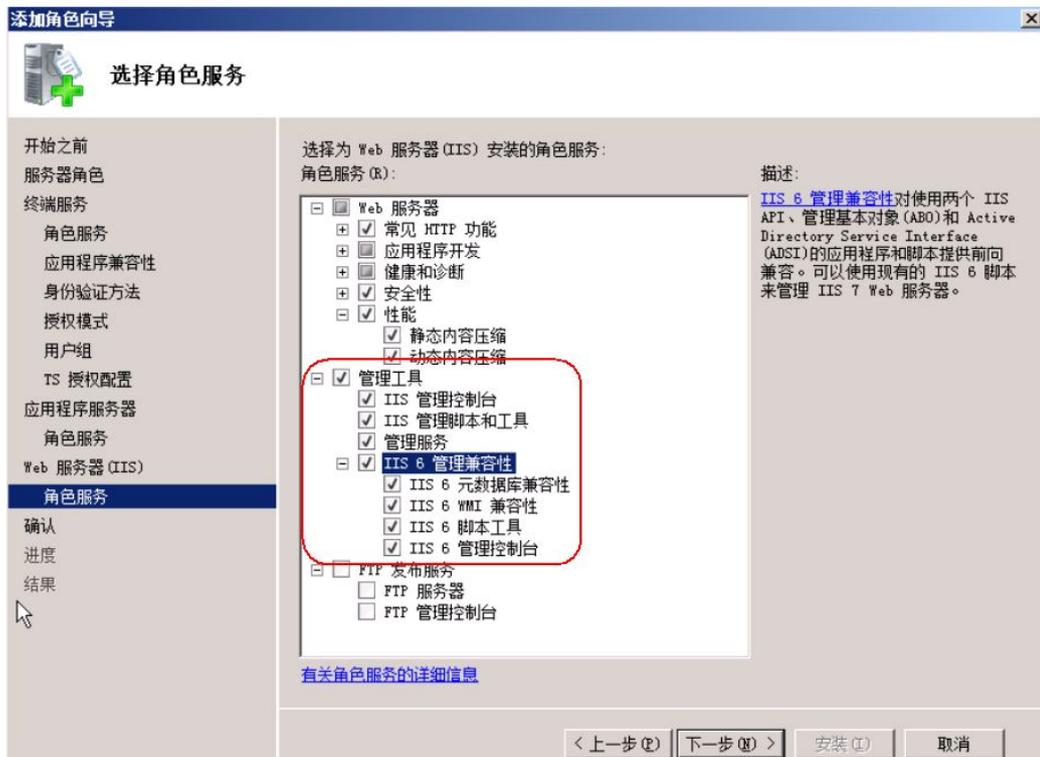


(8) 在应用程序服务器角色选择中 选中“应用程序服务器基础”、“Web 服务器(IIS)支持”

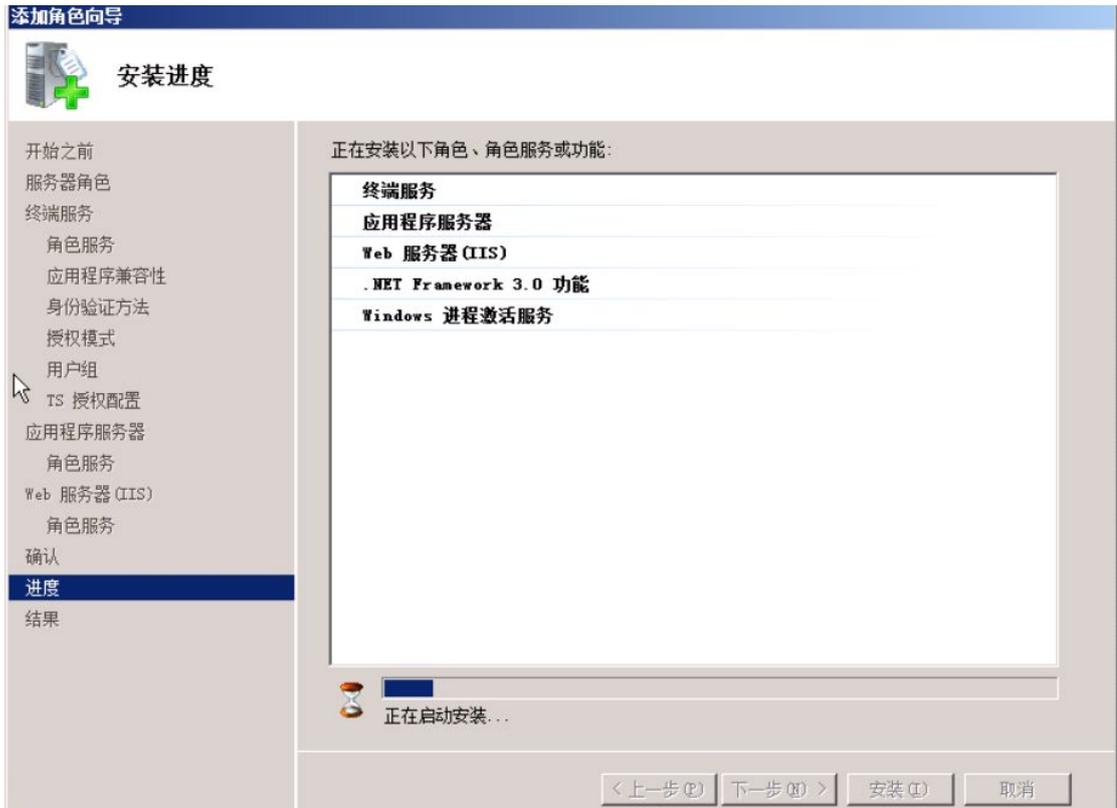
支持”



(9) Web 服务器的角色中, 选中 “管理工作” 的所有组件



(10) 开始配置角色服务



2、 安装XenApp

XenApp 的安装界面已经有了改变，首先就会让我们选择我们需要安装的版本，然后才进行下一步的安装

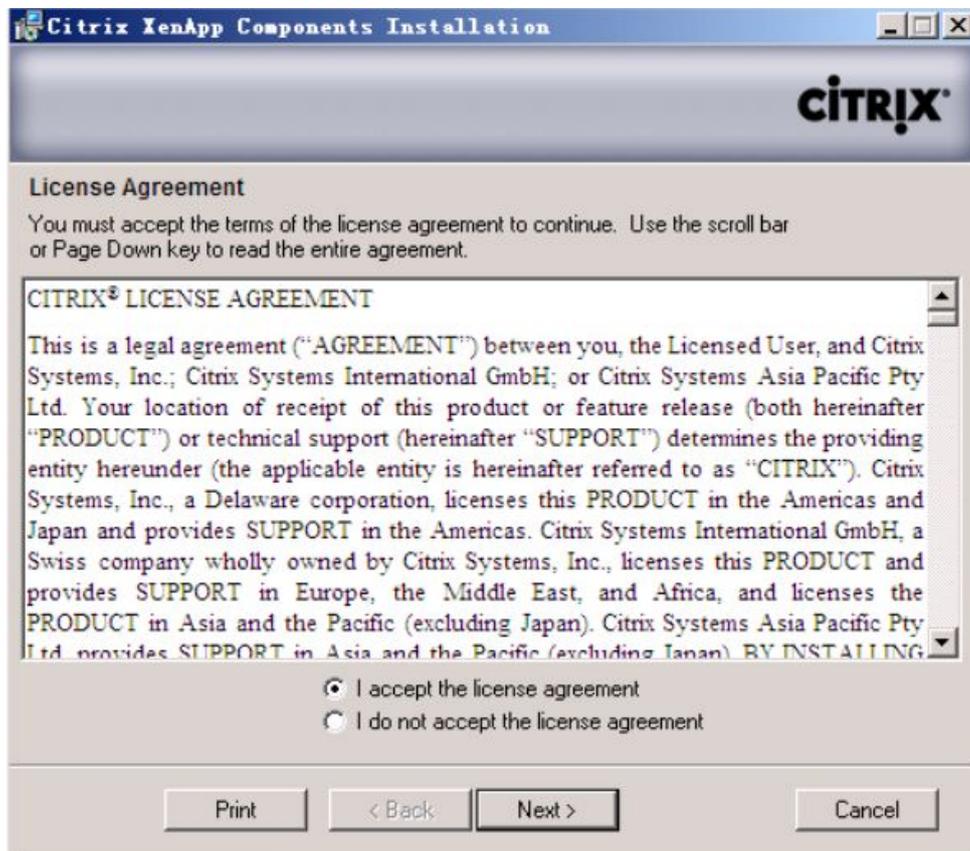
(1) 选择此次我将要安装的版本



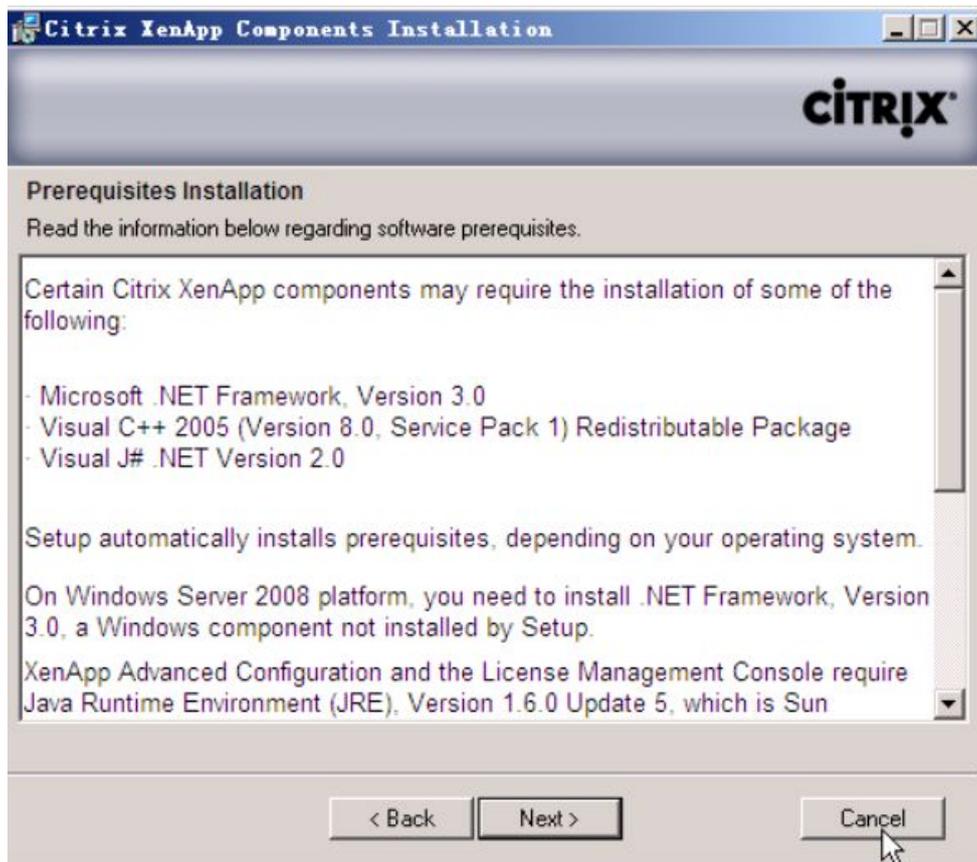
(2) 选择安装的内容应用程序虚拟化 “Application Virtualization”



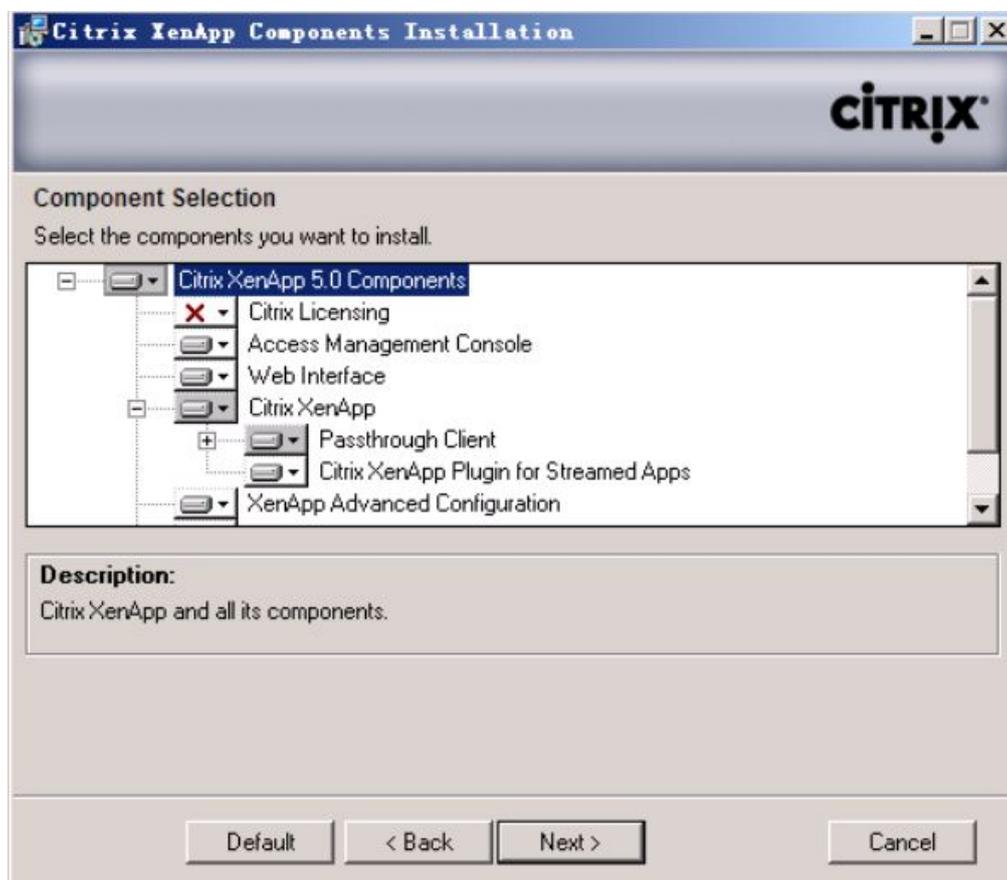
(3) 授权，这里选择“Accept”

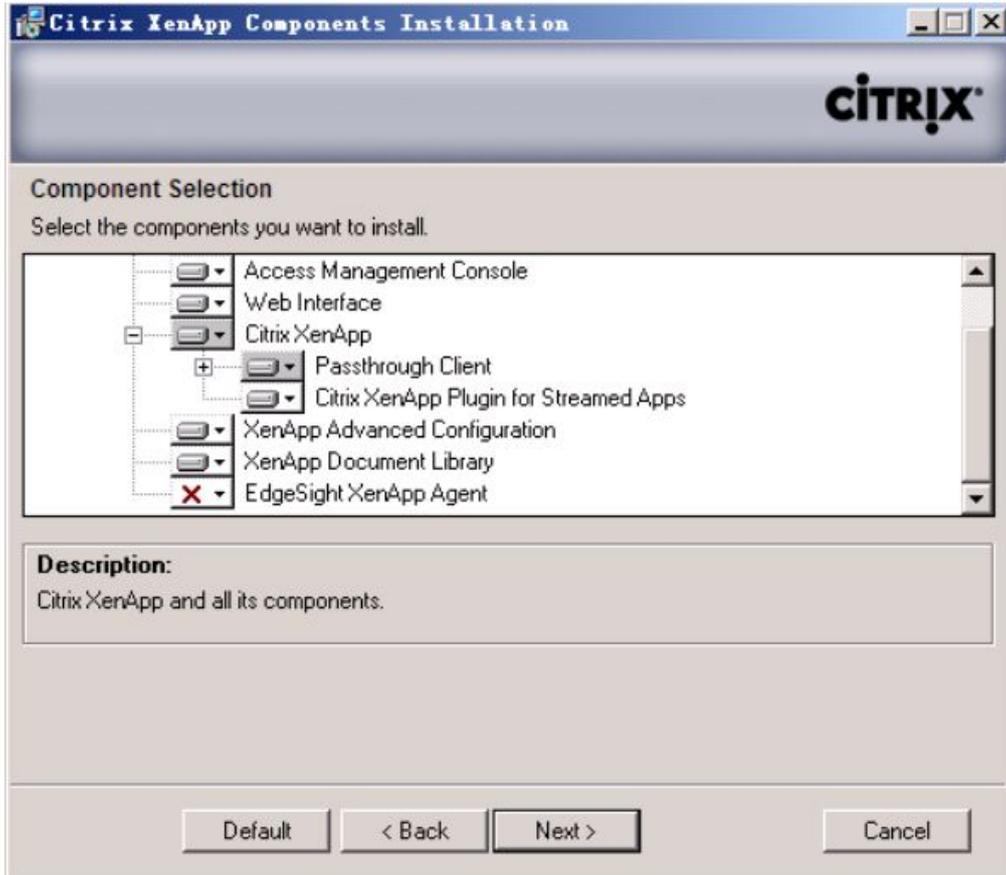


(4) 安装程序提示此次安装的前提



(5) 选择安装 XenApp 的组件，这里我选择“默认”

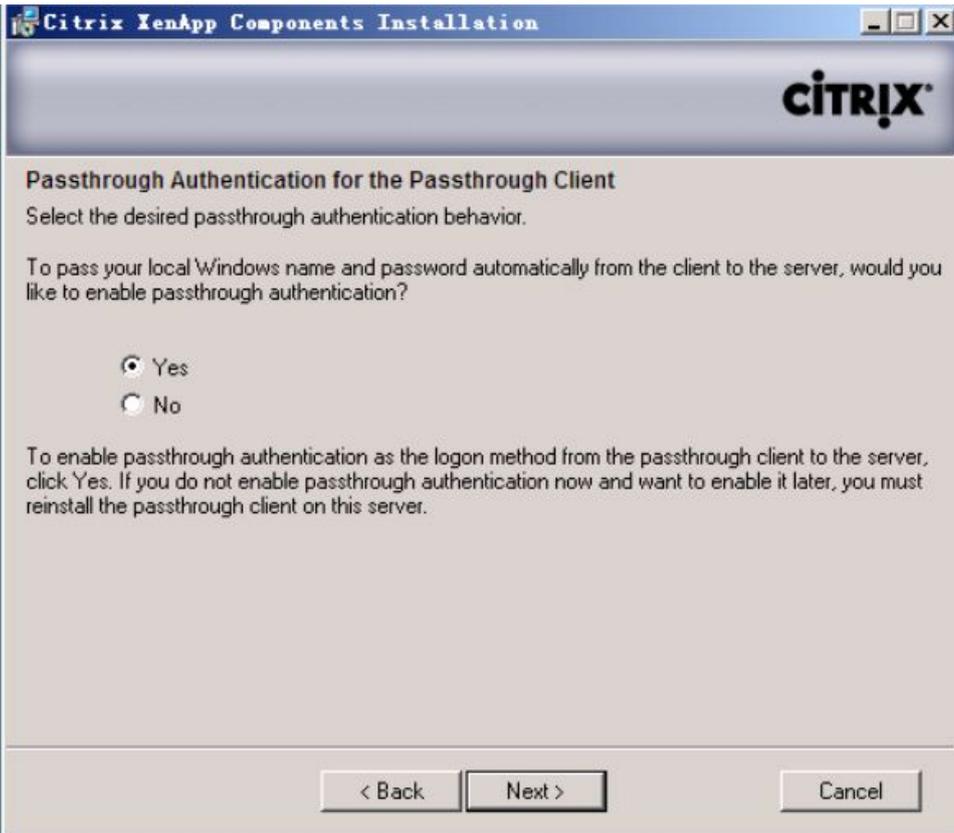




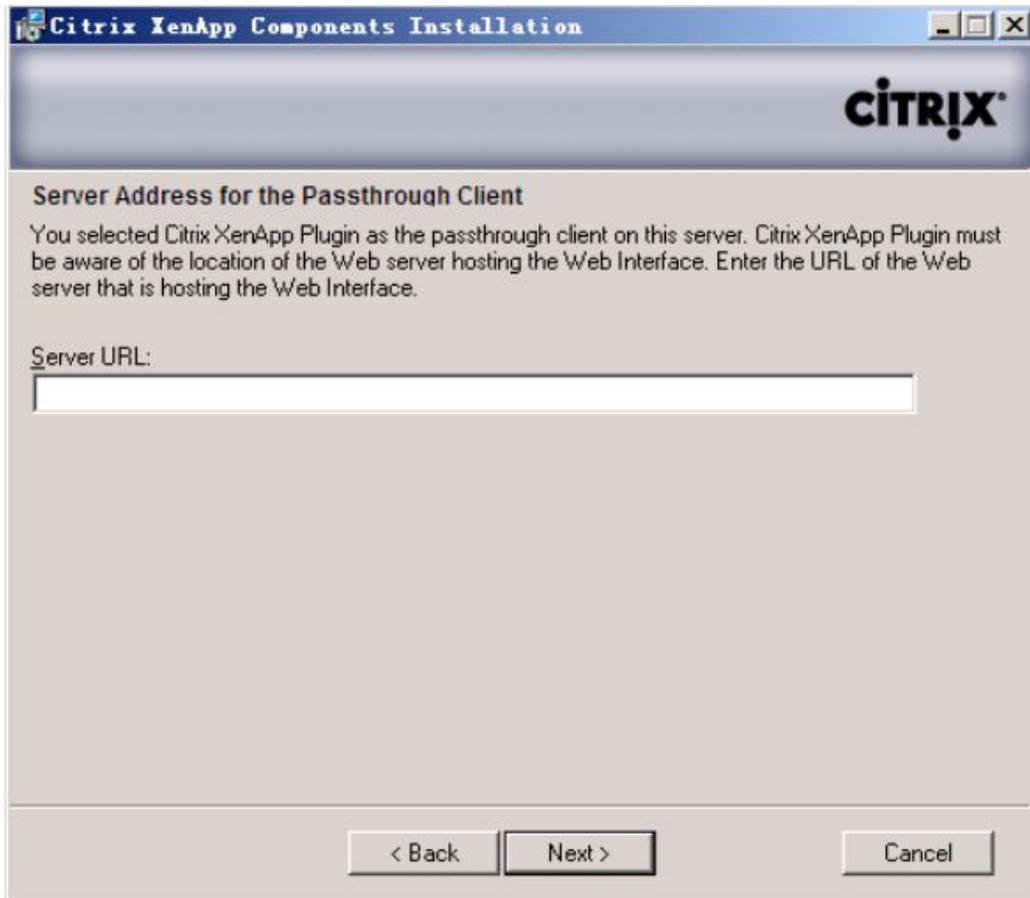
(6) 这里会有个警示，提示说我的系统需要更新 mstlsapi.dll 文件，点击“OK”可以直接跳过



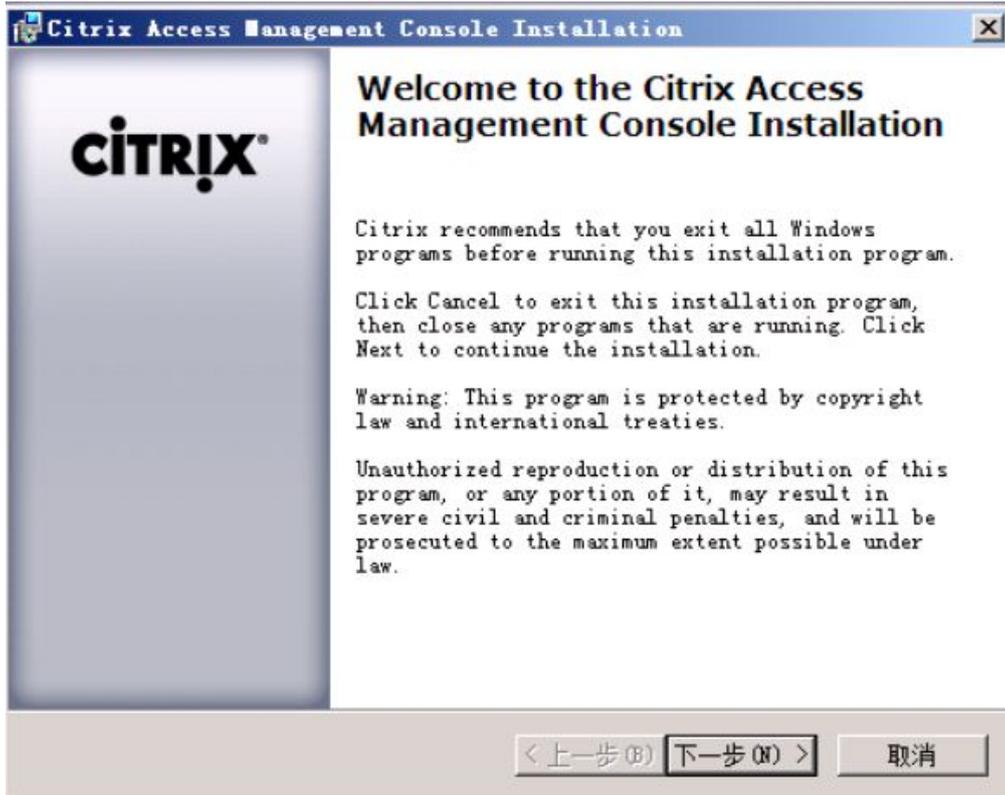
(7) 询问我们是否启用 passthrough 的认证，我们选择“Yes”



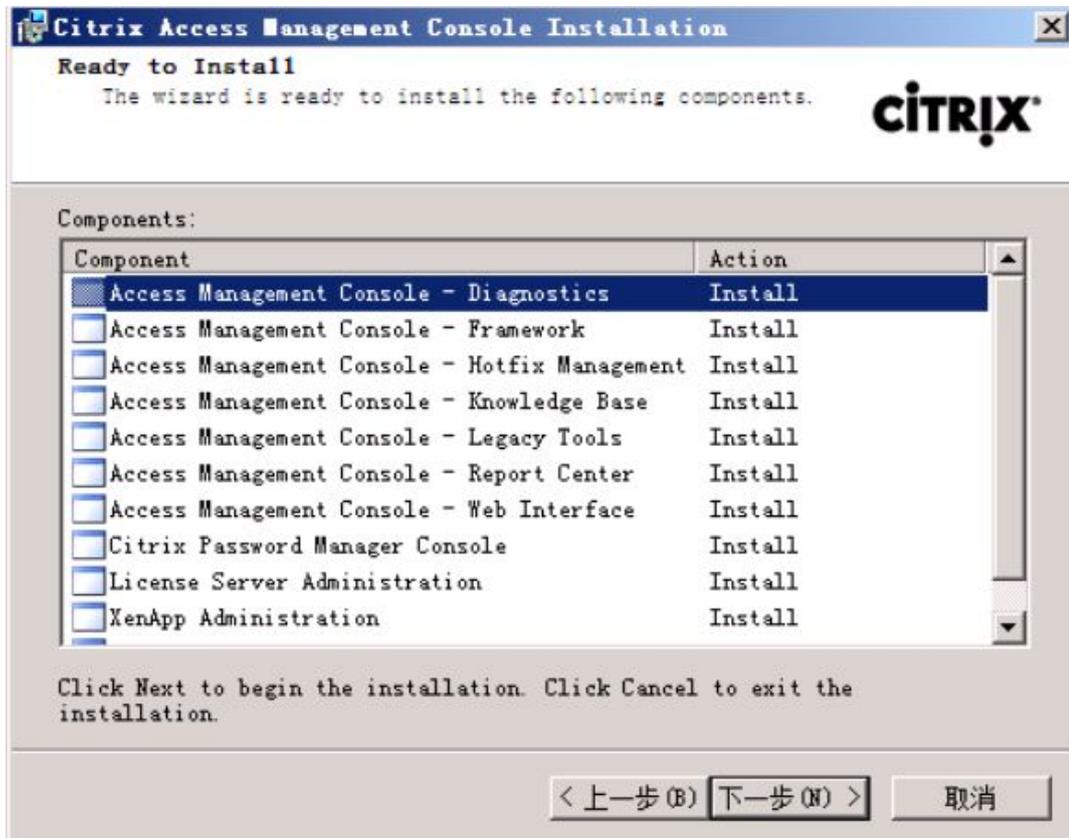
- (8) 填写 Passthrough Client 的服务器 URL 地址,这里我们暂时不填写,直接选择“ Next”



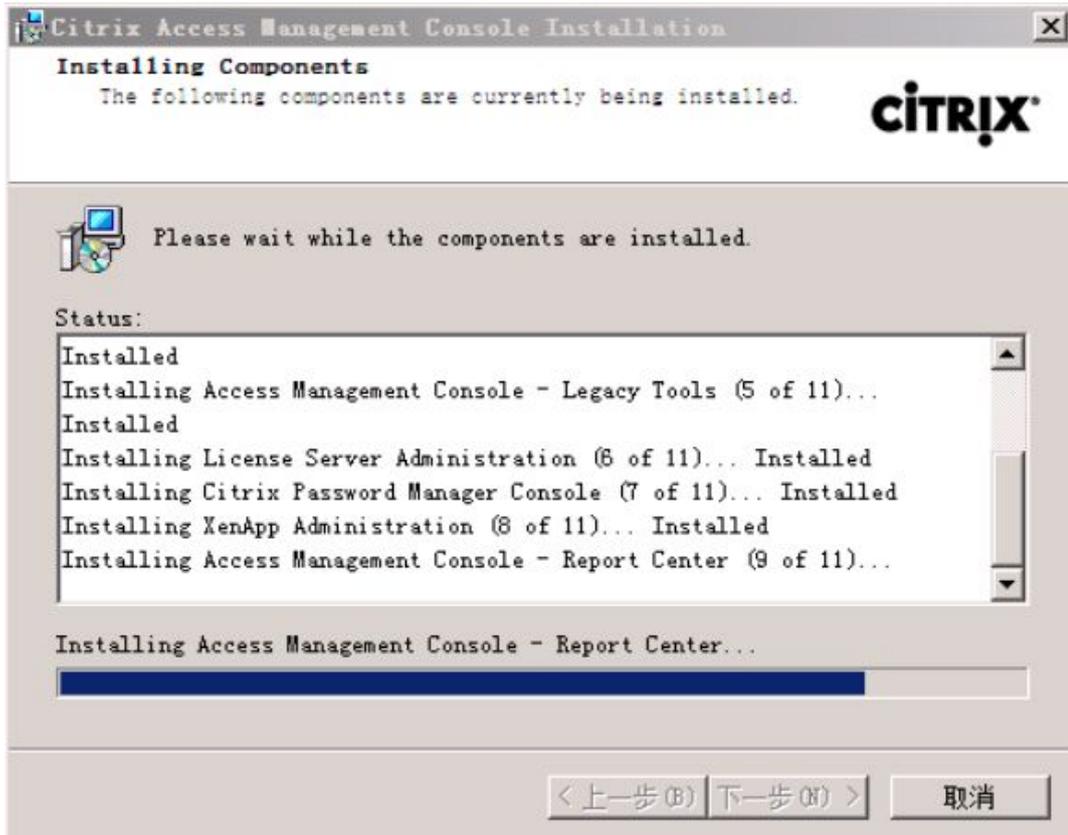
- (9) 在 Citrix Access Management Console Installation , 选择 “Next”



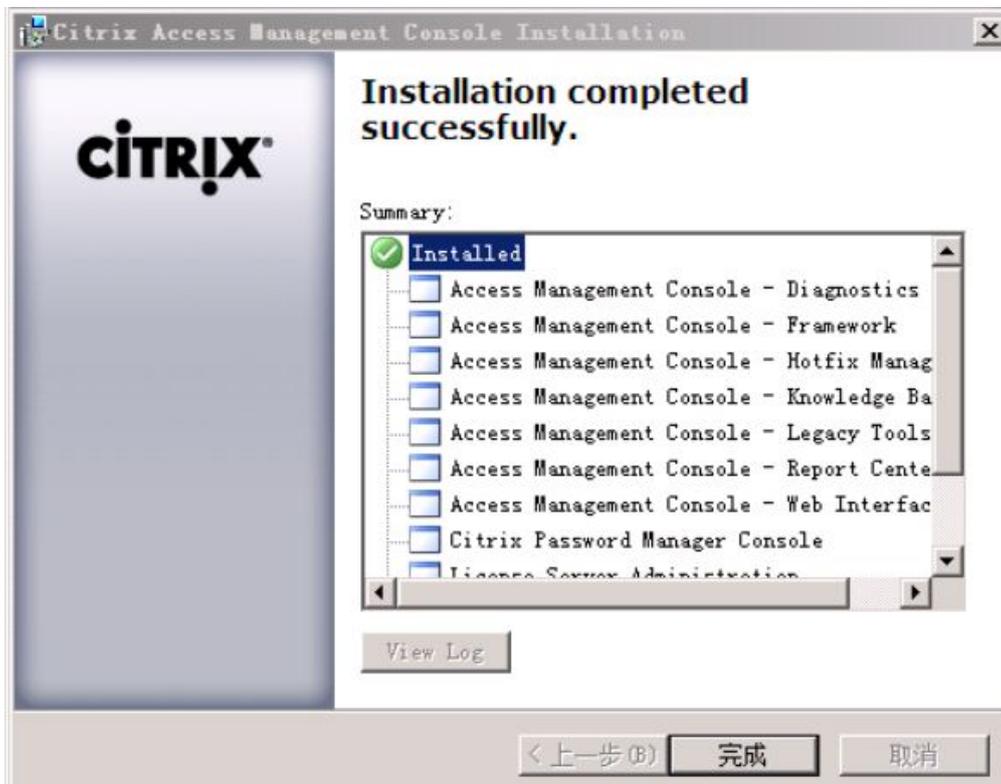
(10) 在 Ready to Install 项中，选择“下一步”



(11) 开始安装 Access Management Console 的组件



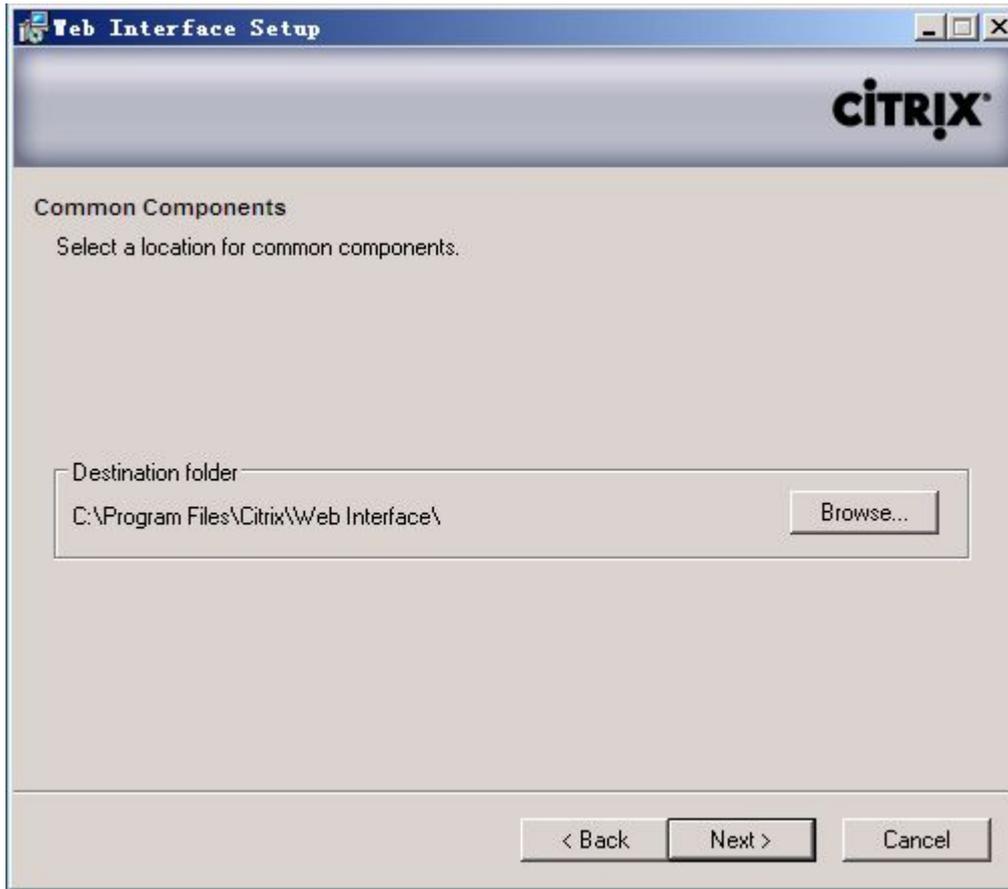
(12) 提示安装组件成功，点击“完成”



(13) 开始安装 Web Interface

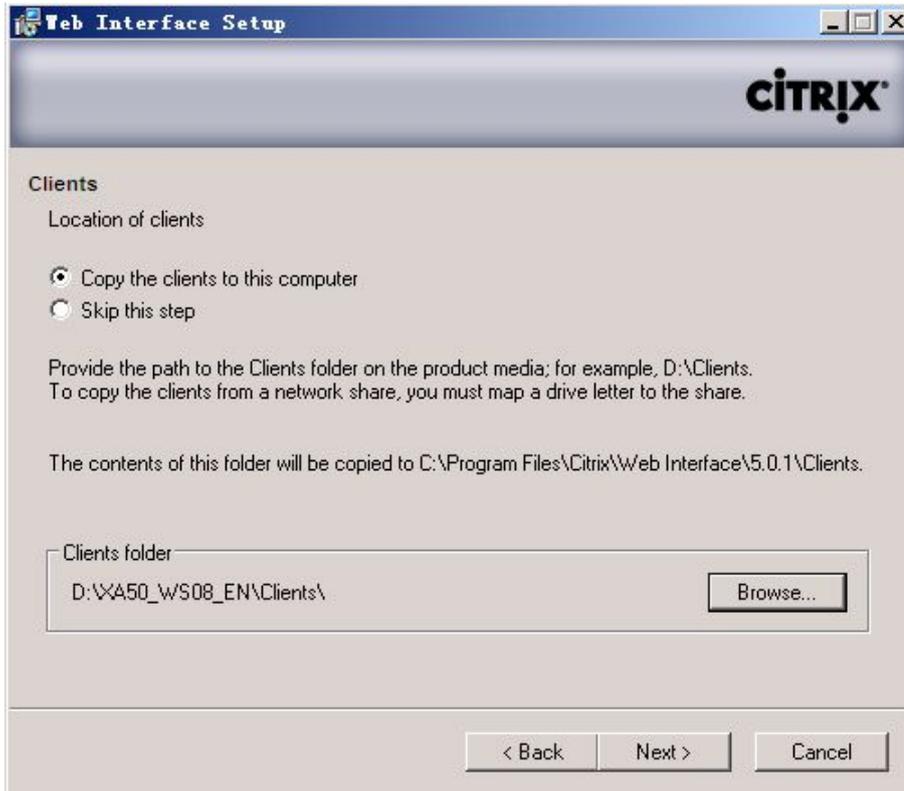


(14) 选择安装的路径，这里我们按默认的即可

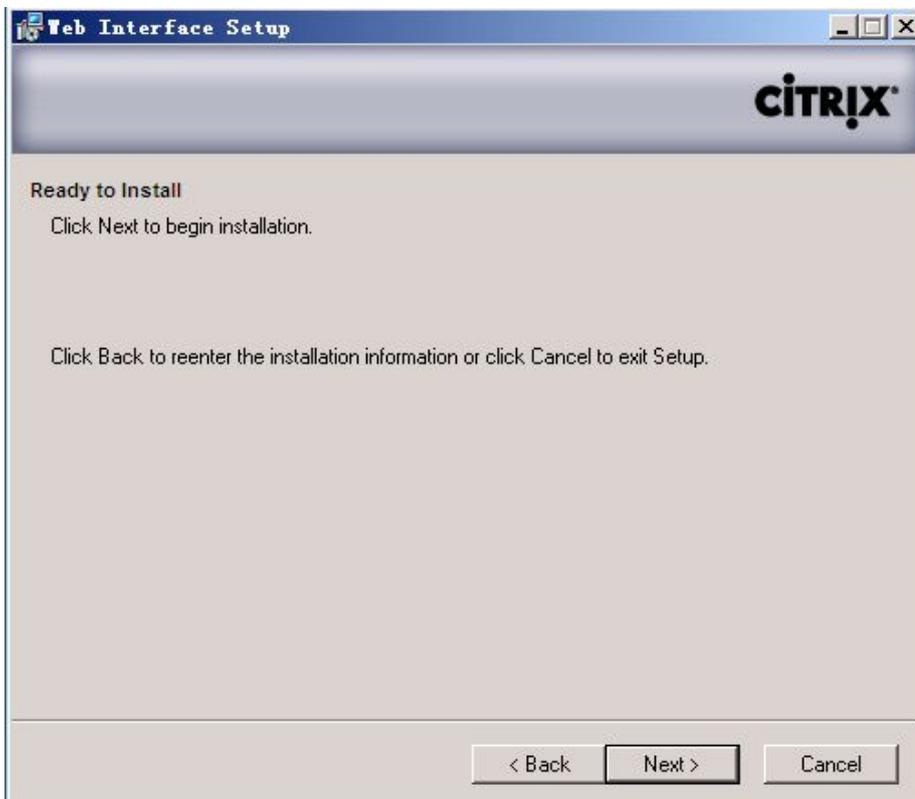


(15) 选择 Client 的文件夹路径。

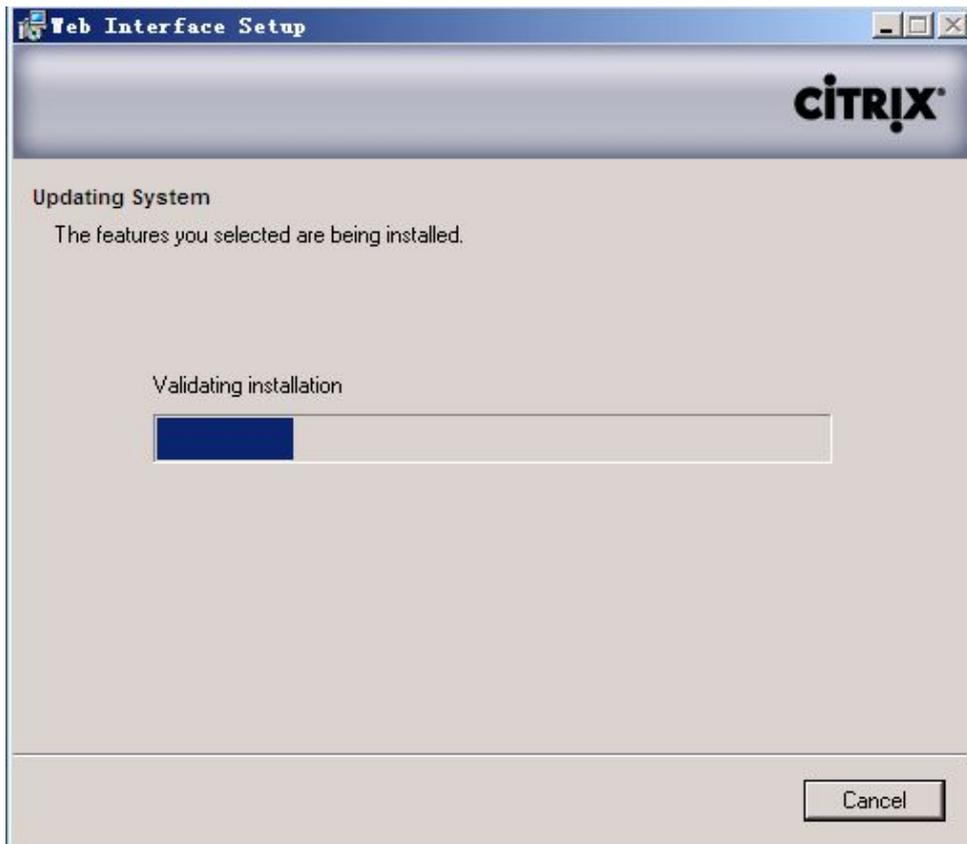
XenApp 已经将这个客户端的安装组件附带在安装光盘里，不用再到组件盘去查找，如果我们这里不选择安装，也可以在安装完毕后，将相应的文件复制拷贝到 C:\Program Files\Citrix\Web Interface\5.0.1\Clients 路径下也可以



(16) 准备就绪后，开始安装



(17) 安装程序开始进行程序安装



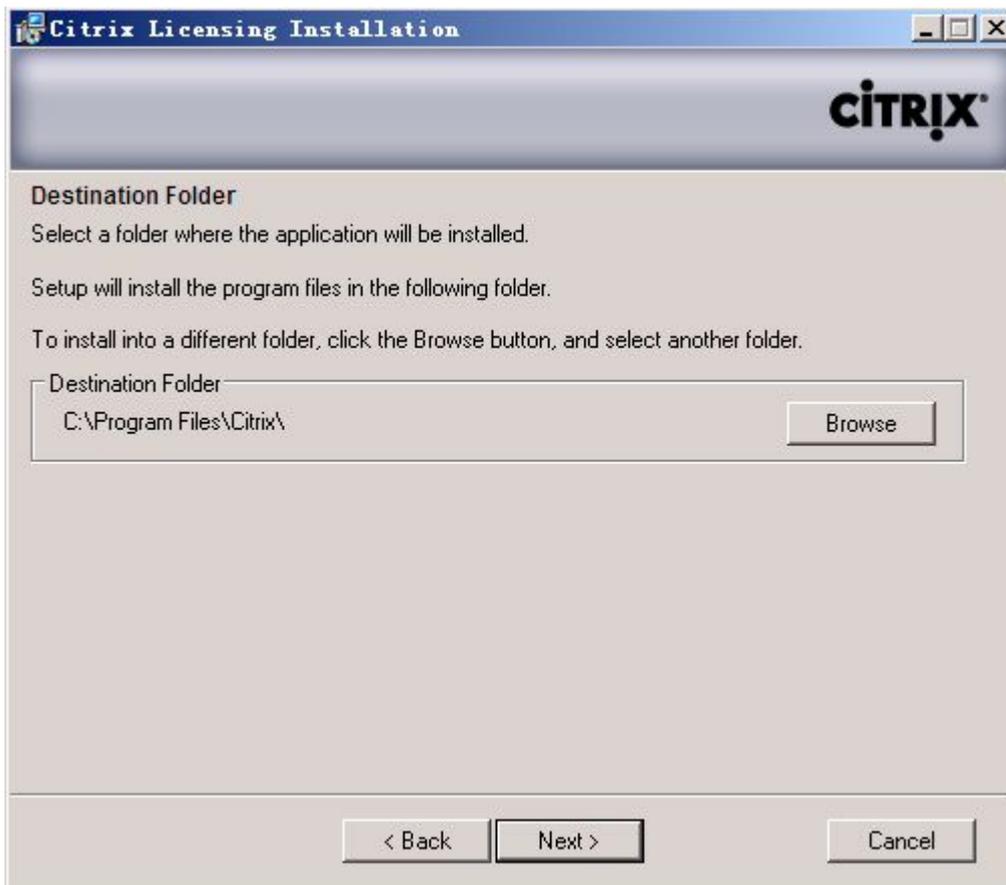
(18) 提示安装成功，点击“Finish”



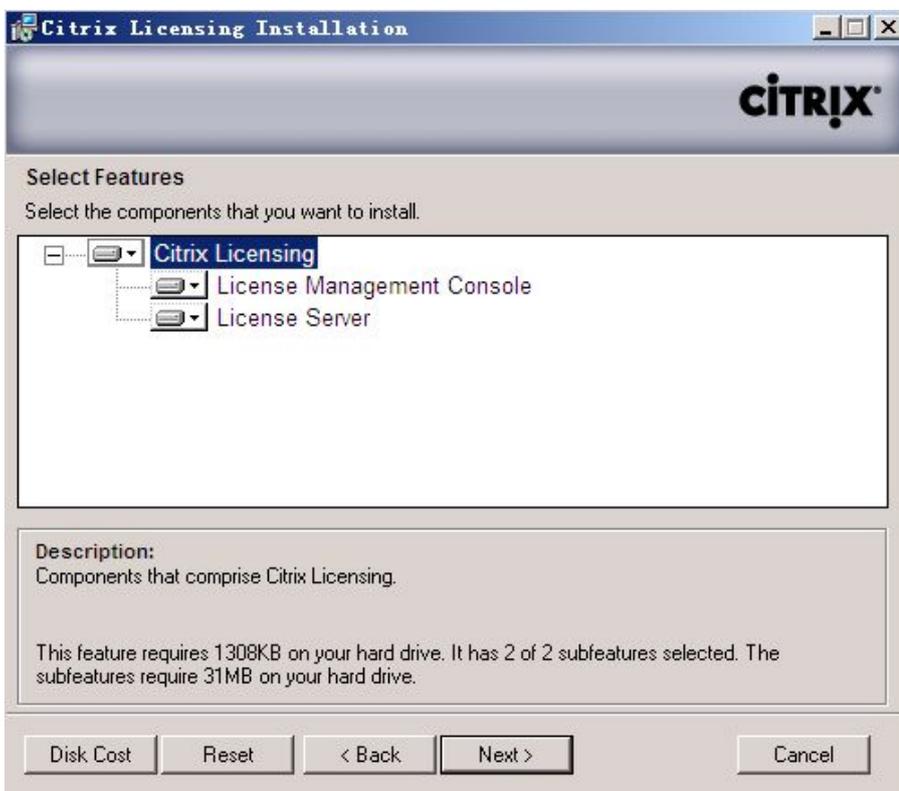
(19) 开始安装 Licensing 服务



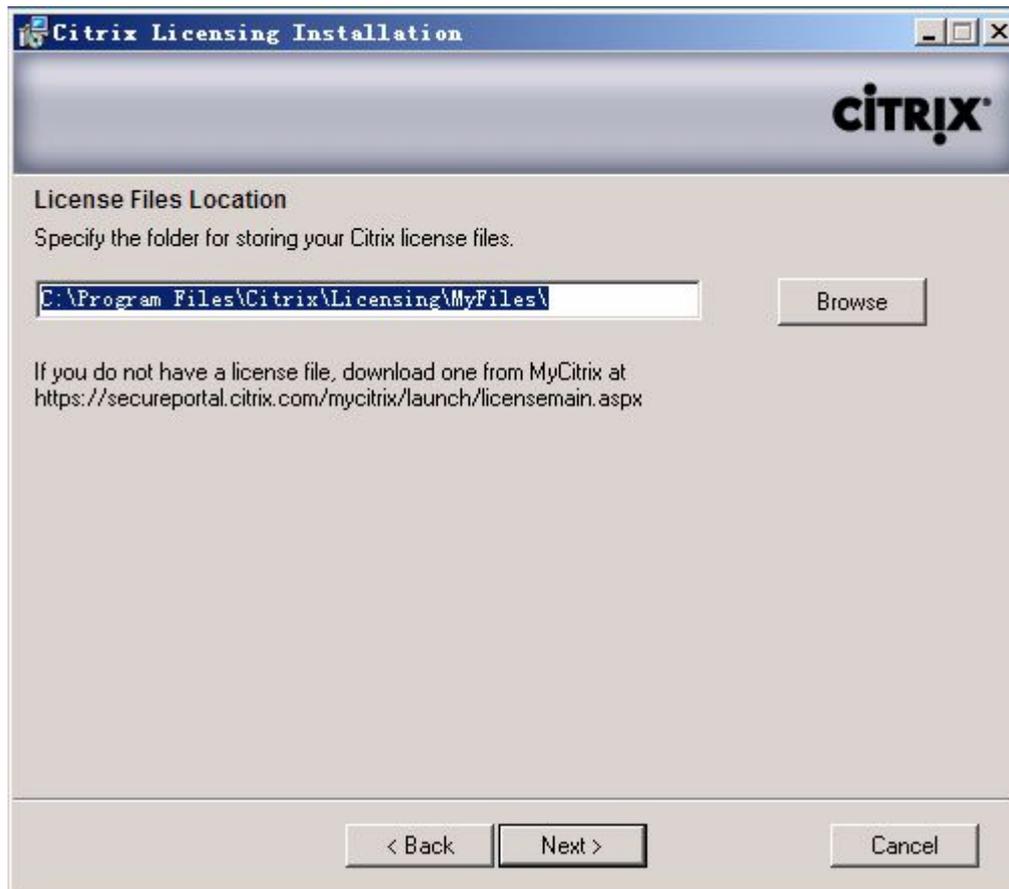
(20) 选择安装的路径，这里我们按默认即可



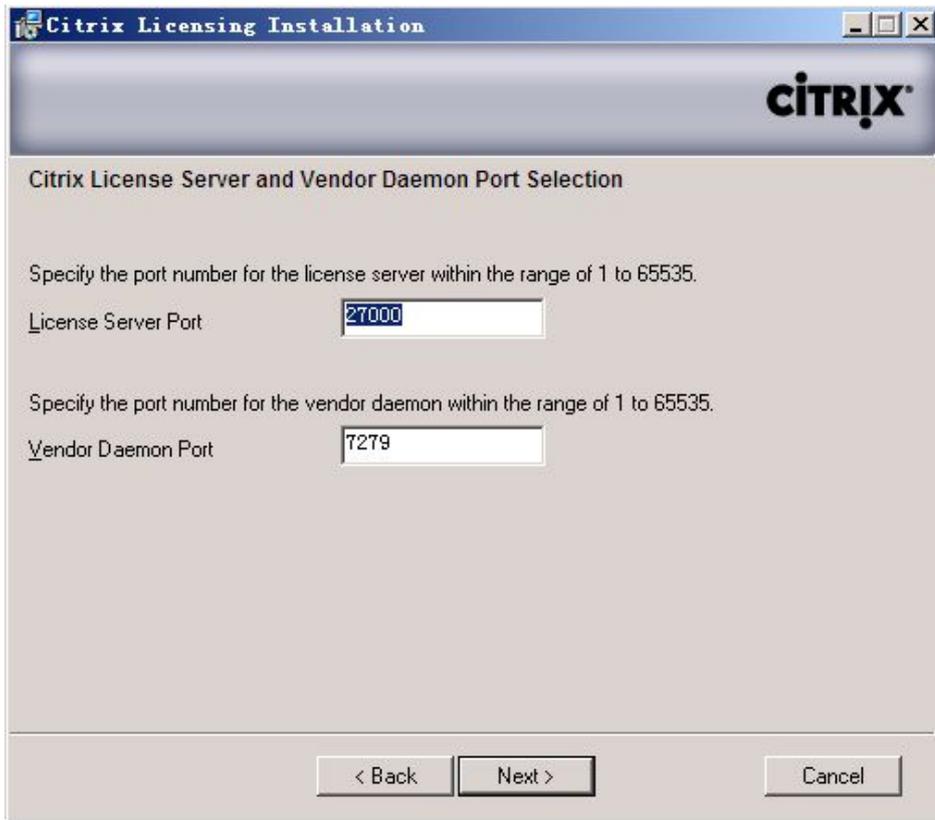
(21) 选择 Licensing 的组件，我们按默认即可



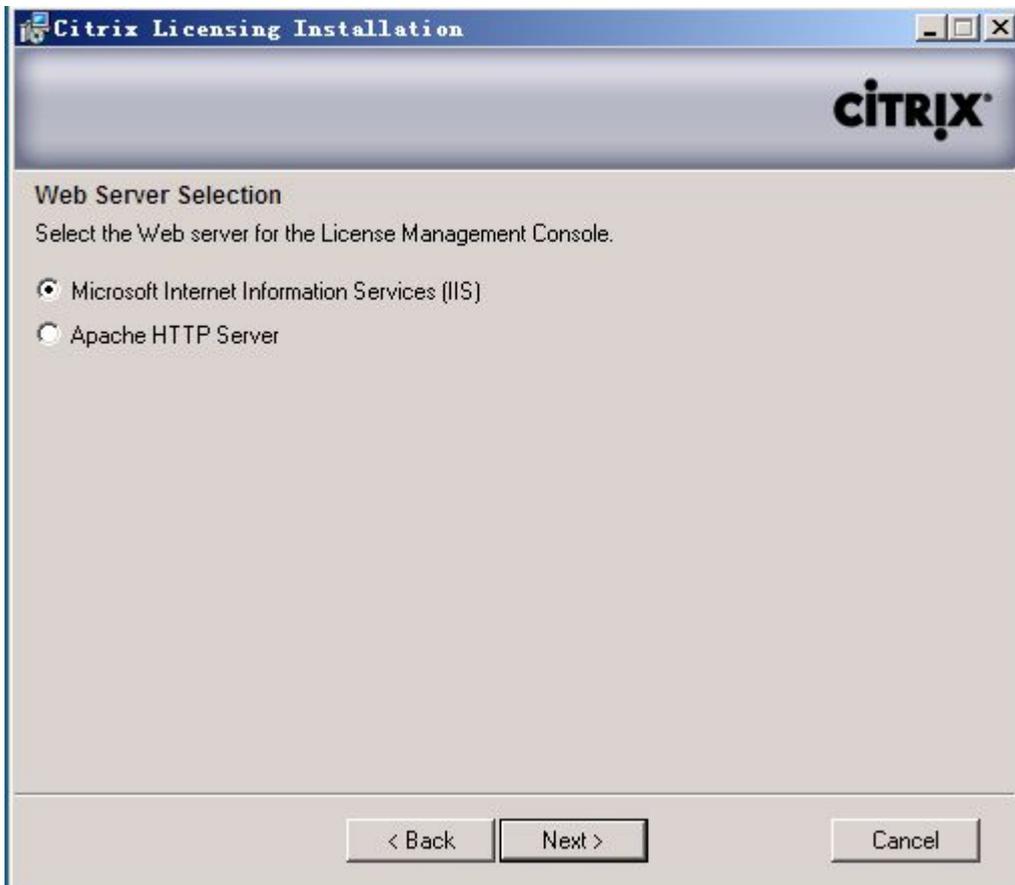
(22) 选择安装 Licensing 文件的路径



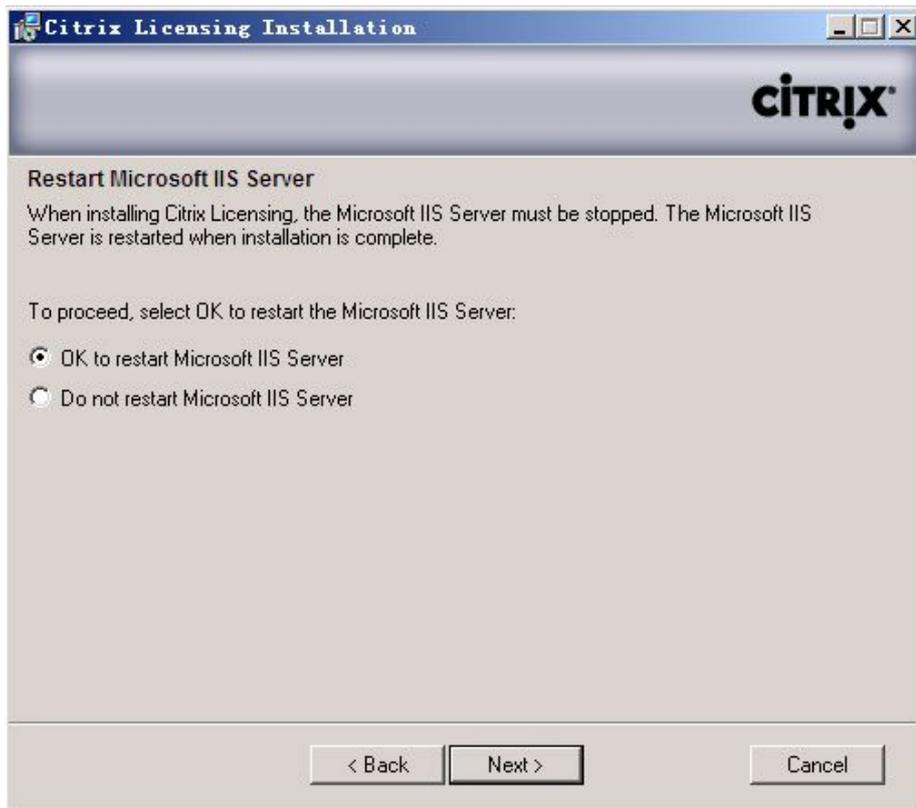
(23) 安装 License 服务的端口



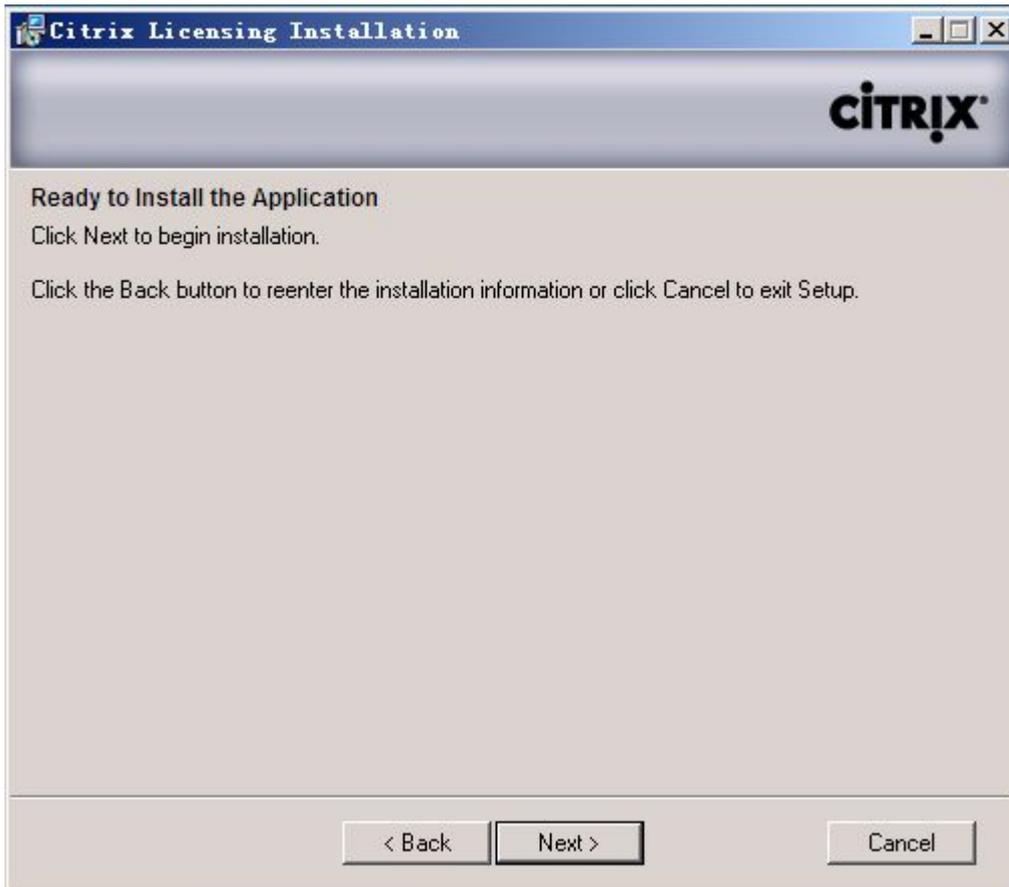
(24) 选择 Web Server 的类型



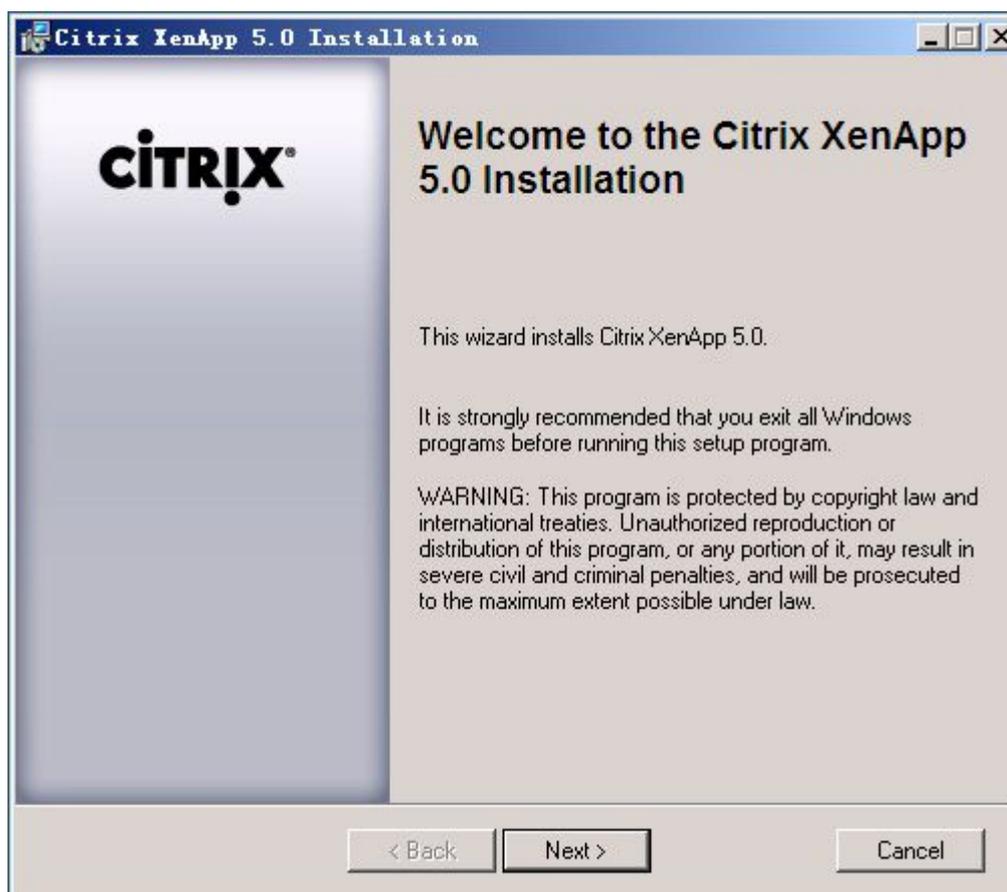
(25) 安装过程中，允许自动重启 IIS Server



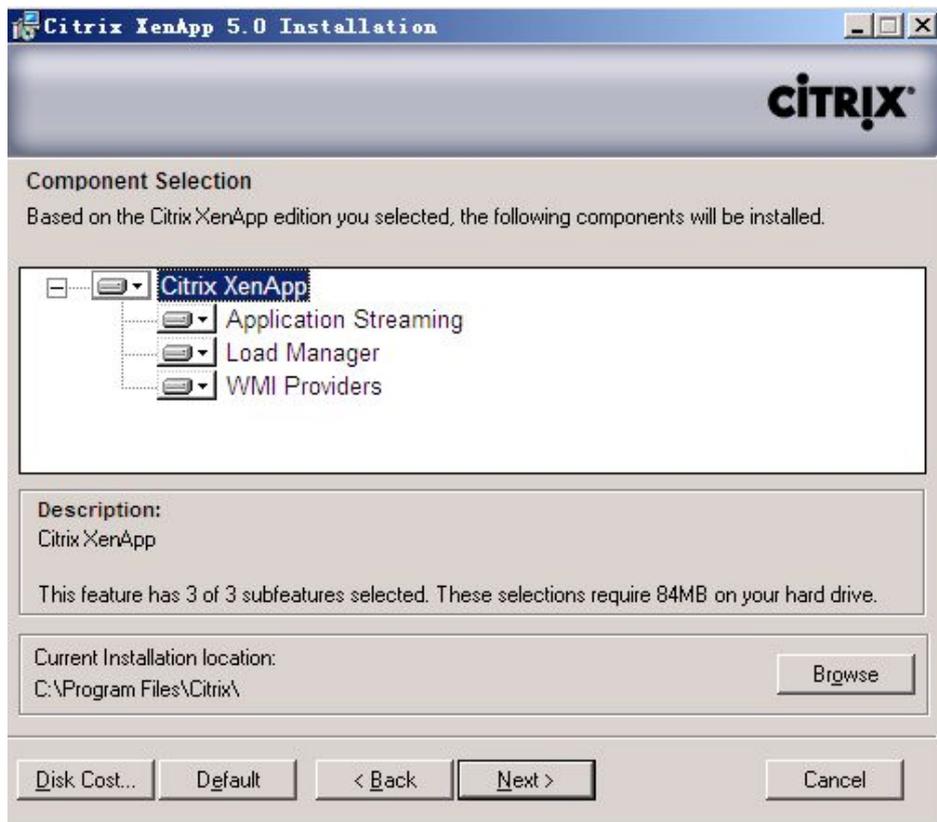
(26) 一切就绪，开始安装 Licensing Server



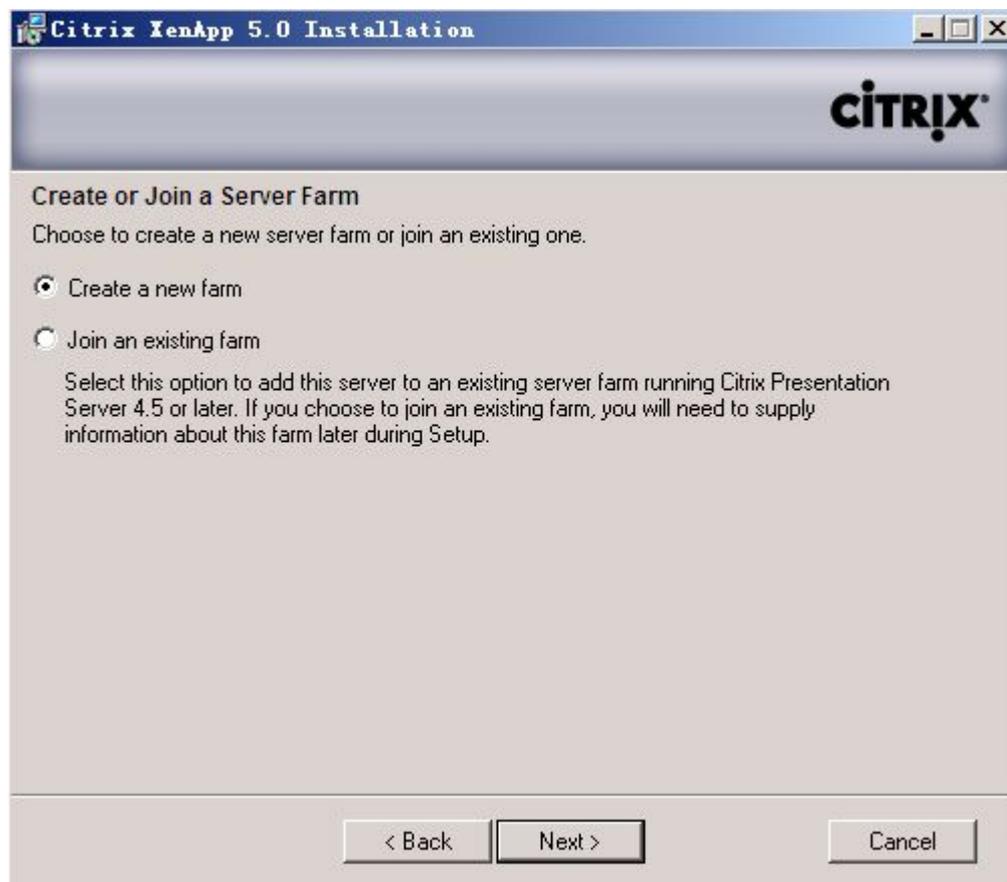
(27) 完成 Licensing Server 的安装



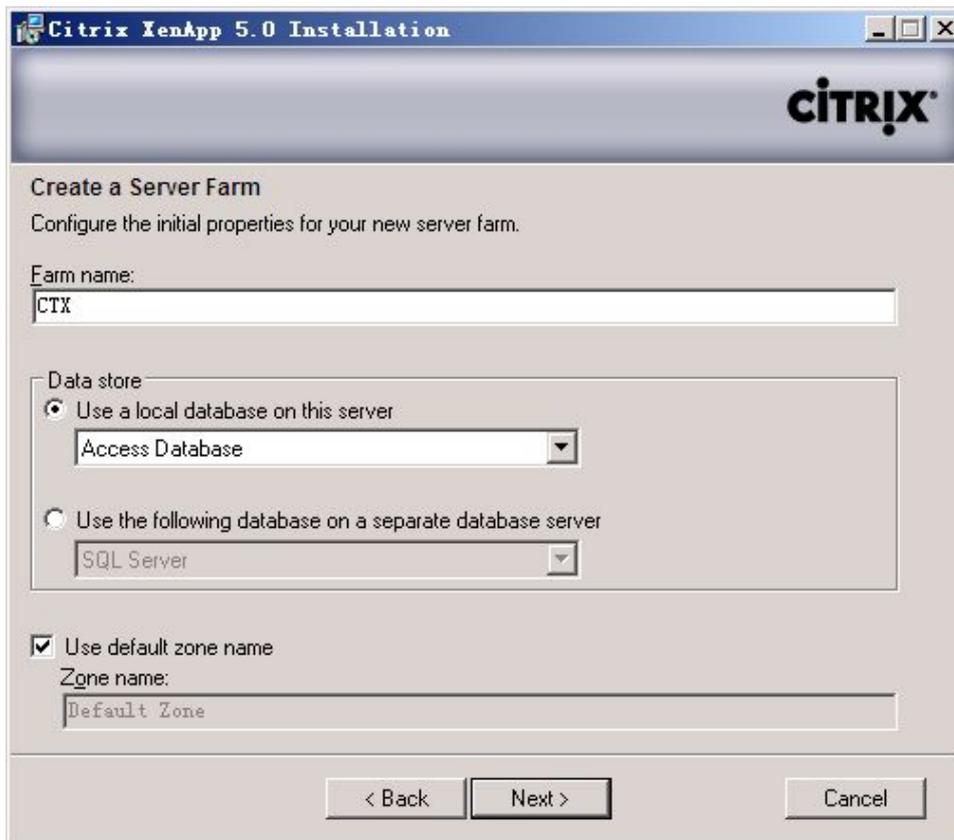
(28) 选择安装 Citrix XenApp 的组件



(29) 选择创建一个 Farm



(30) 输入 Farm 的名称 , 和选择使用的数据库类型

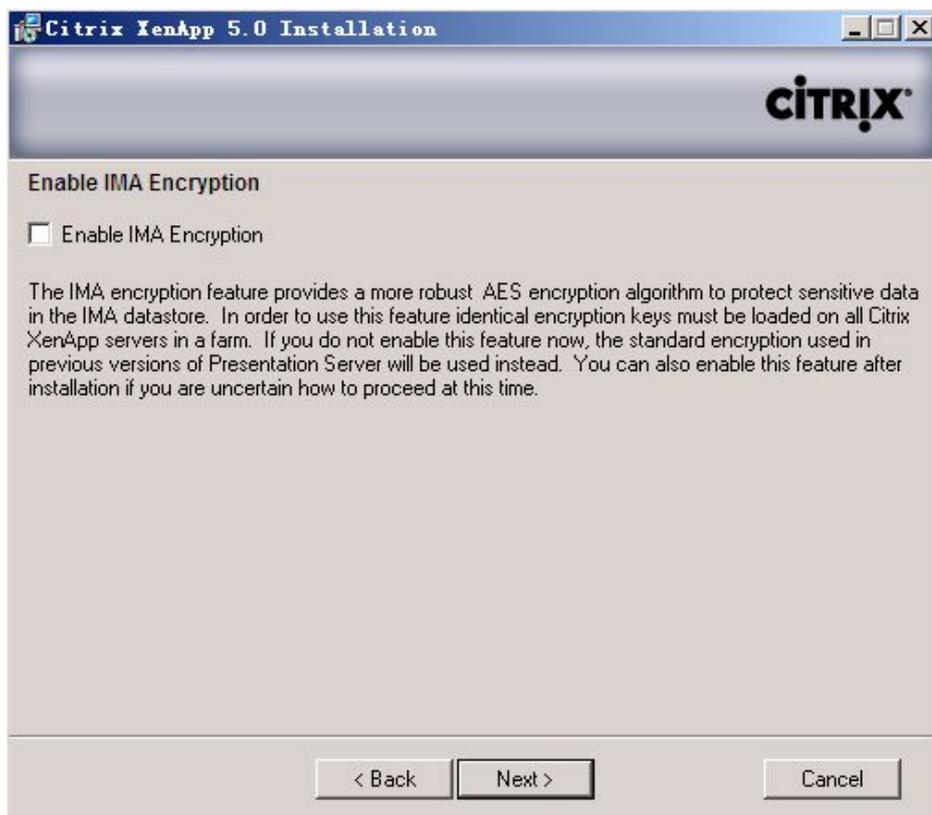


The image shows a screenshot of the 'Citrix XenApp 5.0 Installation' window. The window title is 'Citrix XenApp 5.0 Installation' and it features the Citrix logo in the top right corner. The main heading is 'Create a Server Farm' with the instruction 'Configure the initial properties for your new server farm.' Below this, there are three main sections: 1. 'Farm name:' with a text input field containing 'CTX'. 2. 'Data store' section with two radio button options: 'Use a local database on this server' (selected) and 'Use the following database on a separate database server'. Under the selected option is a dropdown menu showing 'Access Database'. Under the unselected option is a dropdown menu showing 'SQL Server'. 3. 'Use default zone name' (checked) with a 'Zone name:' text input field containing 'Default Zone'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

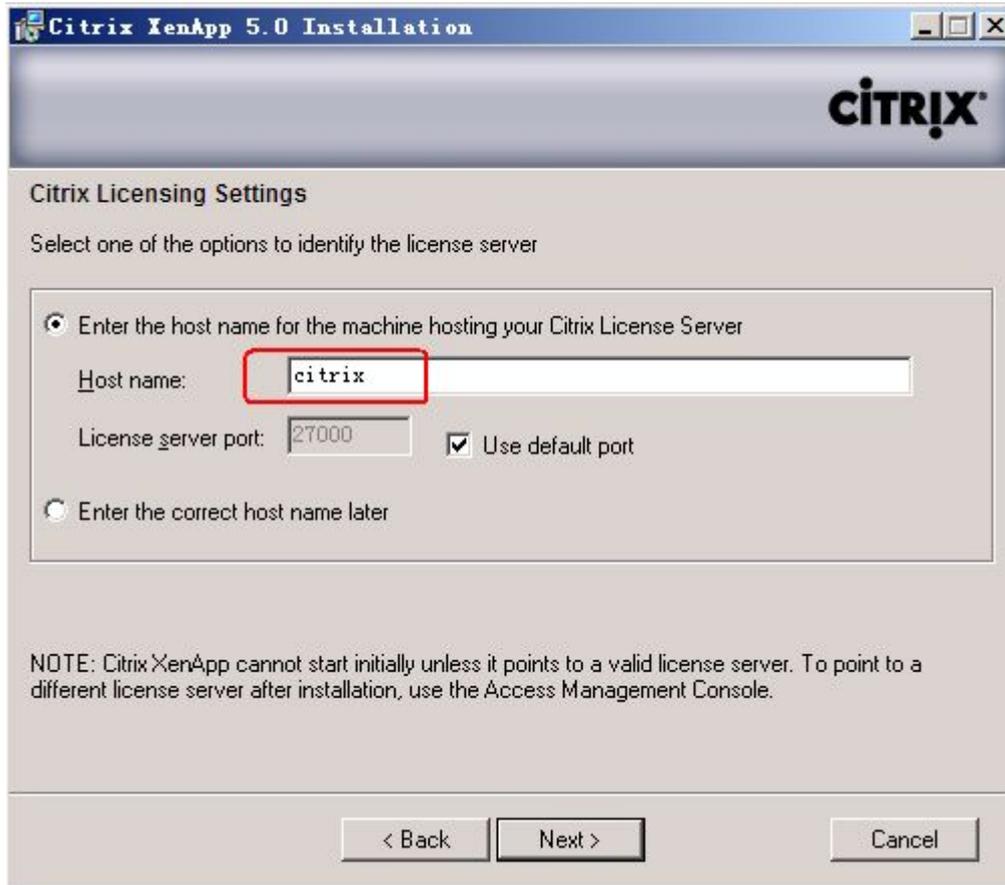
(31) 指定 Farm 的管理员



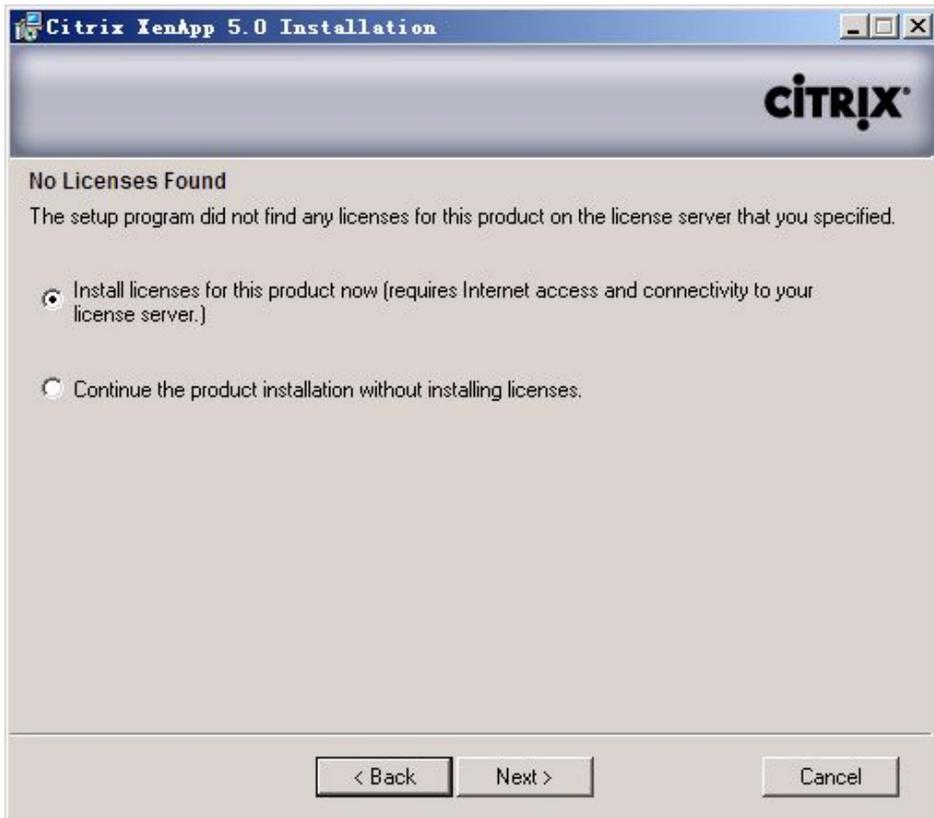
(32) 是否开启 IMA Encryption , 这里我们选择不启用



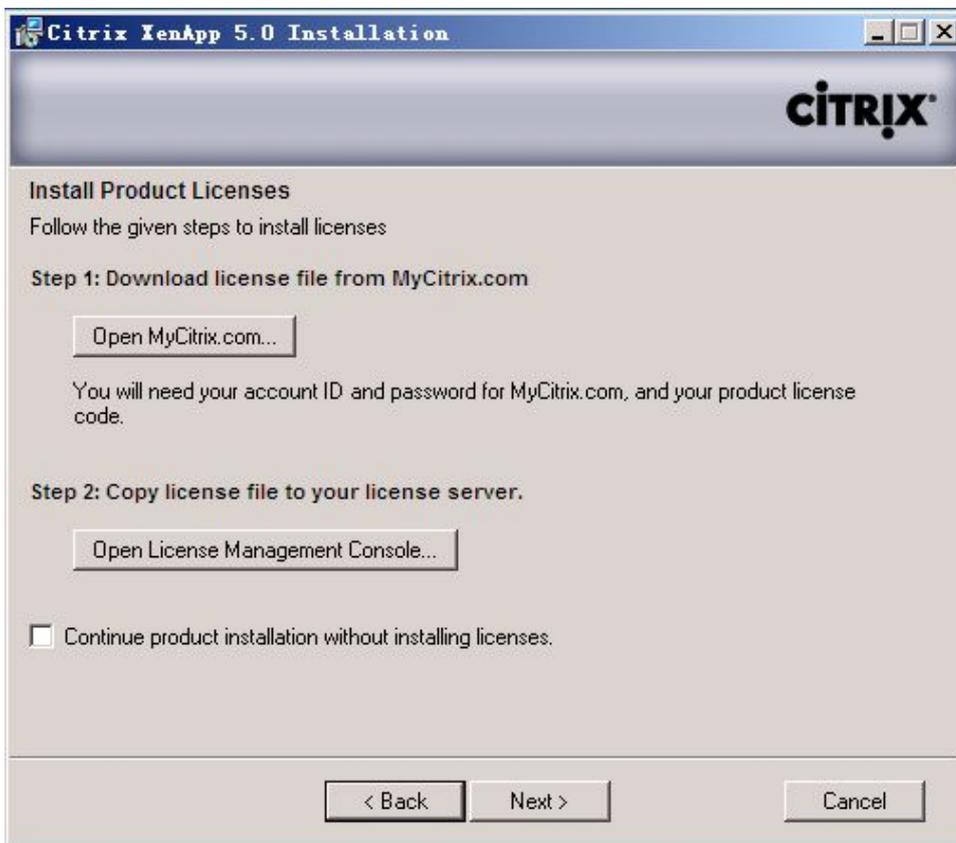
(33) 输入 Citrix Licensing 服务器的主机名



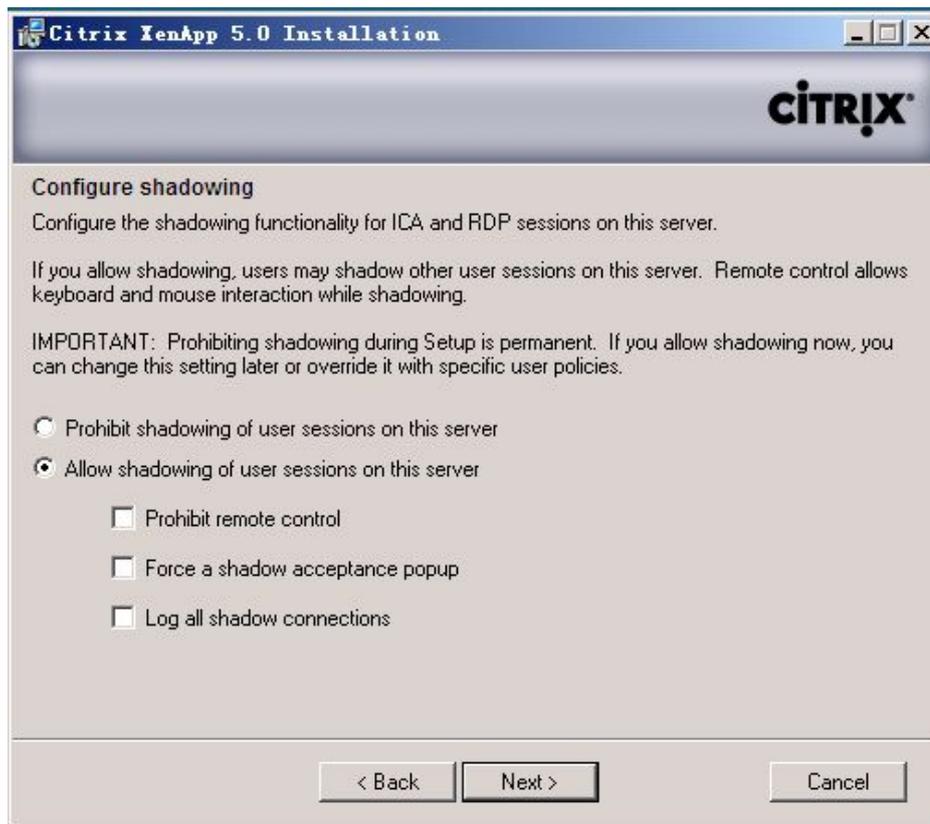
(34) 安装程序提示在指定的 License 服务器中没有找到 Licenses , 提示我们安装 Licenses , 我们选择 “Install Licenses for this product now” , 然后选择 “Next”



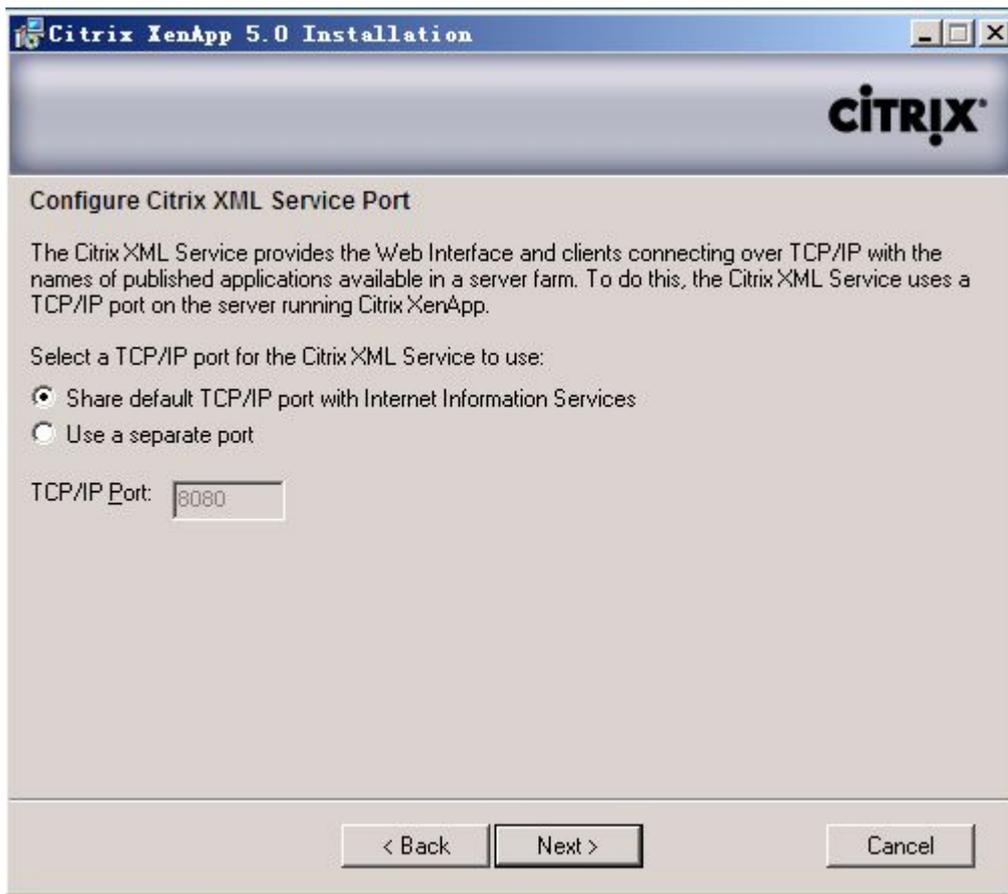
(35) 安装程序提示我们从 Citrix 网站上下载 License 文件，然后并拷贝至 License 服务器中



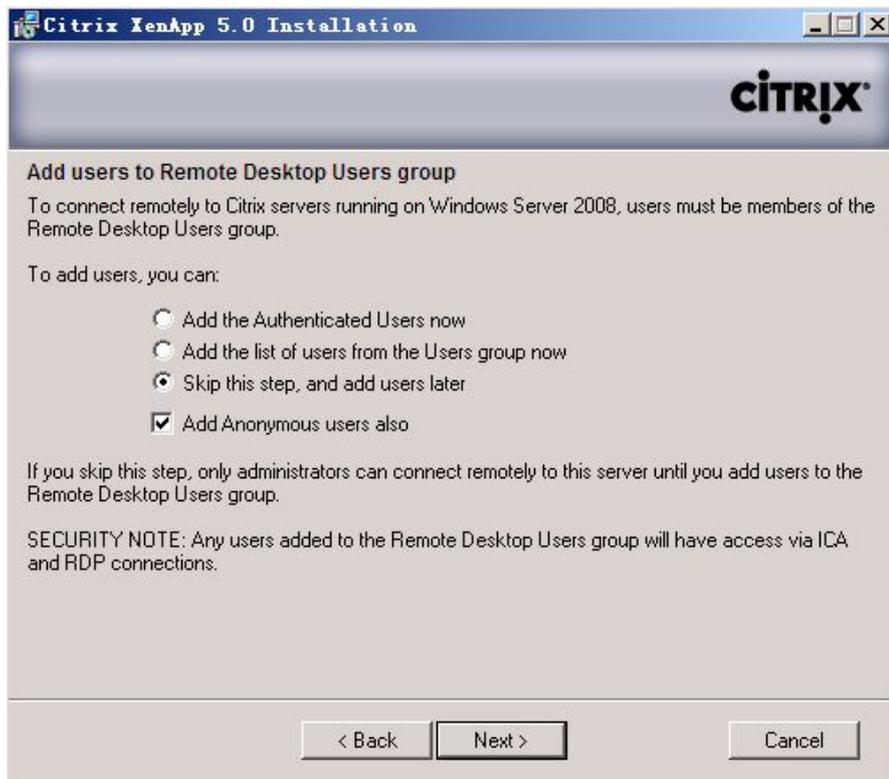
(36) 配置 Shadowing , 按默认即可 , 然后点击 “Next”



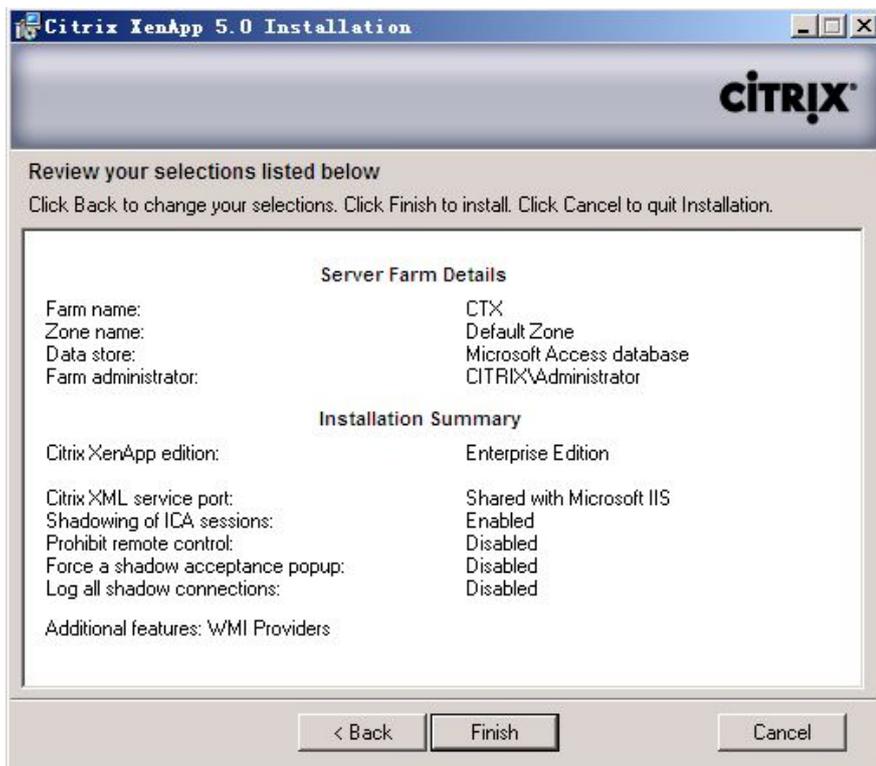
(37) 指定 Citrix XML 的服务端口 , 这里按默认的即可



(38) 安装程序询问我们是否添加用户到 Remote Desktop Users 组，这里我们选择跳过此步，我们将在稍后进行这个用户组的添加

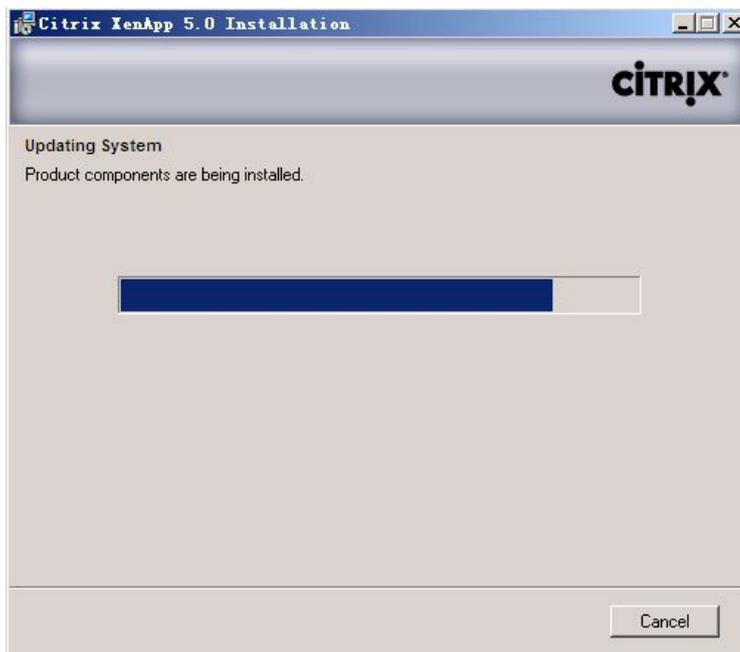
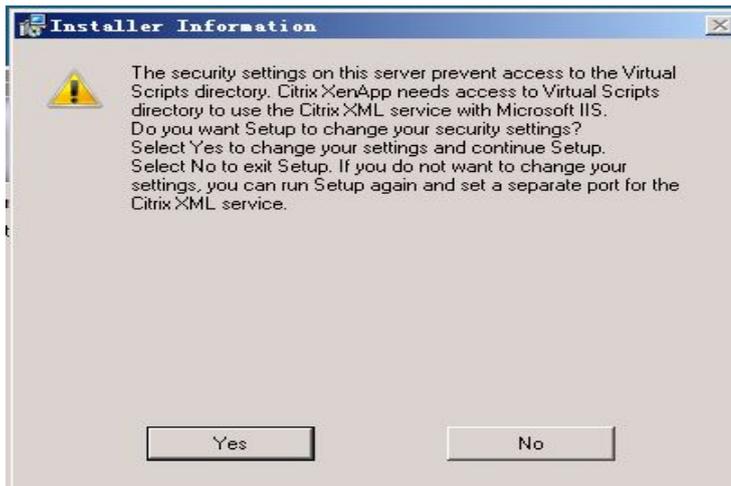


(39) 确认配置信息，点击 “Finish”



(40) 程序提示安装过程中将修改服务器一些安全设置，提示我们是否继续，点击 “Yes”

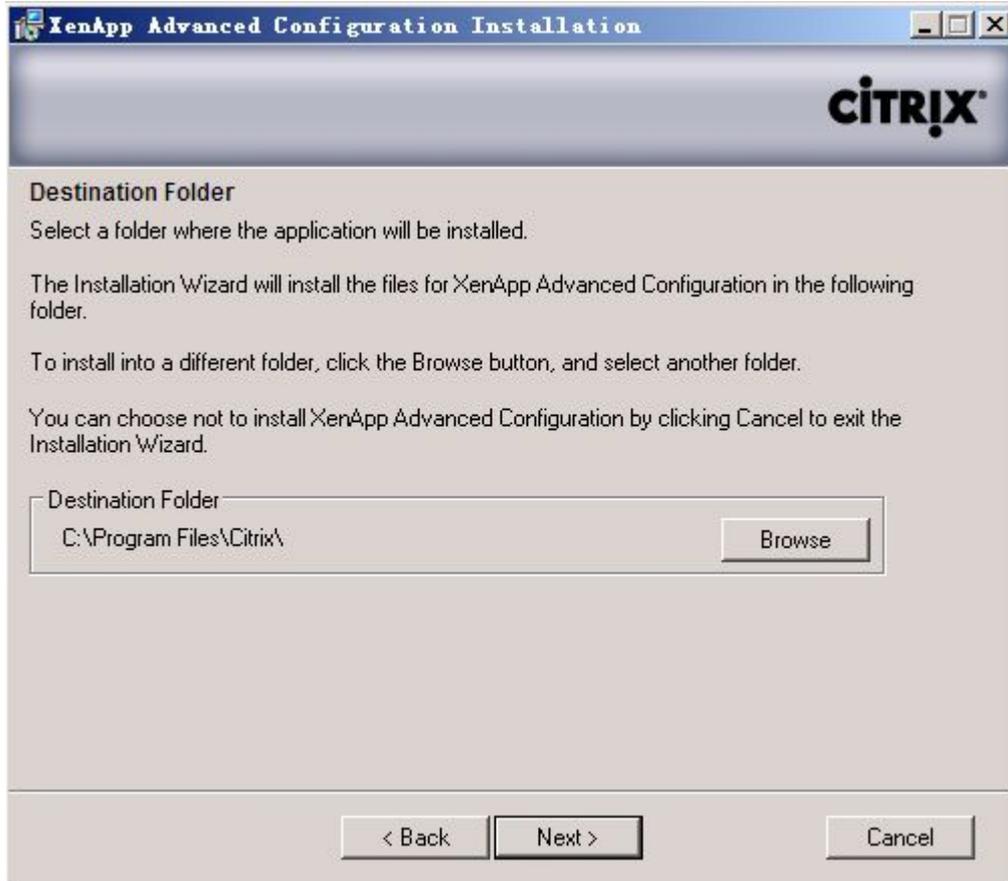
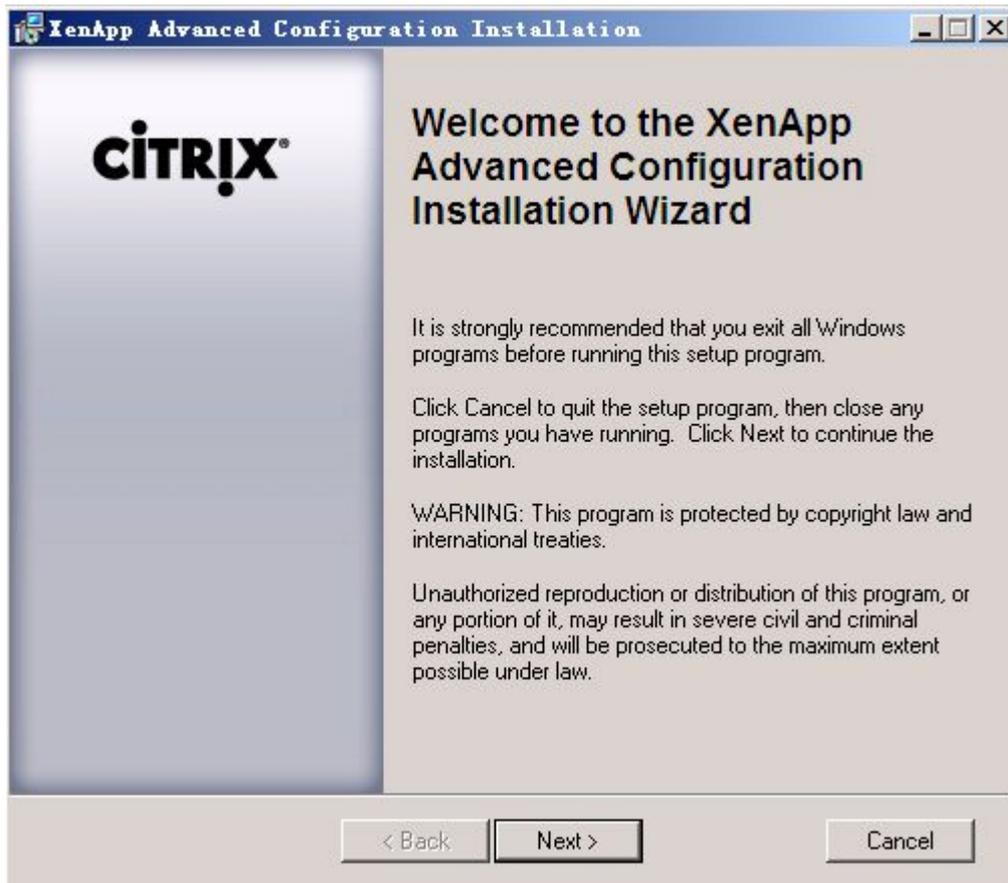
后，程序开始安装

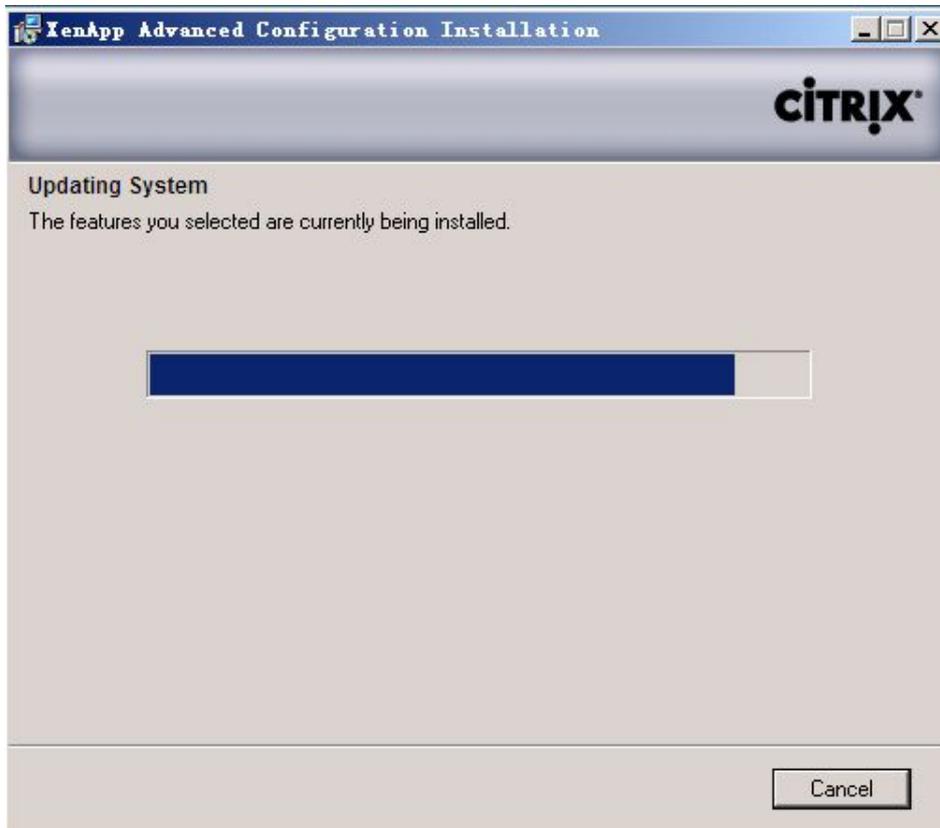
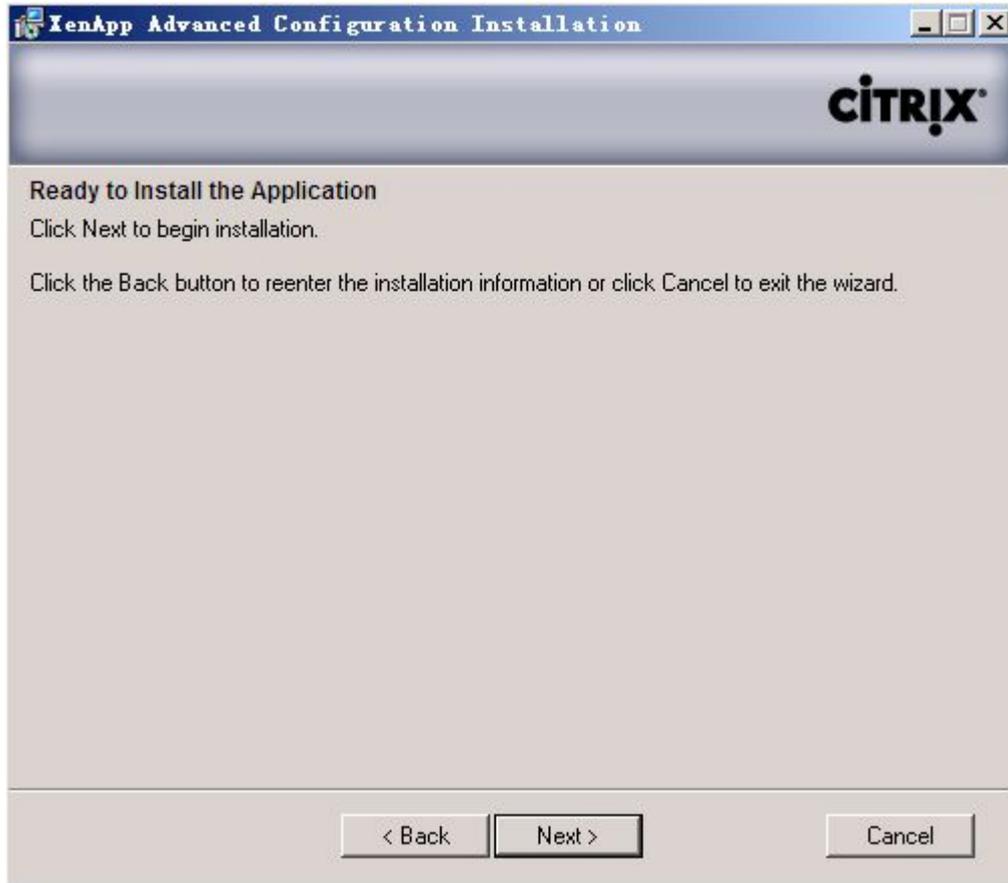


(41) 安装完毕，点击“Close”



(42) 开始进行 XenApp 的高级配置安装，安装过程中全部按程序默认即可。

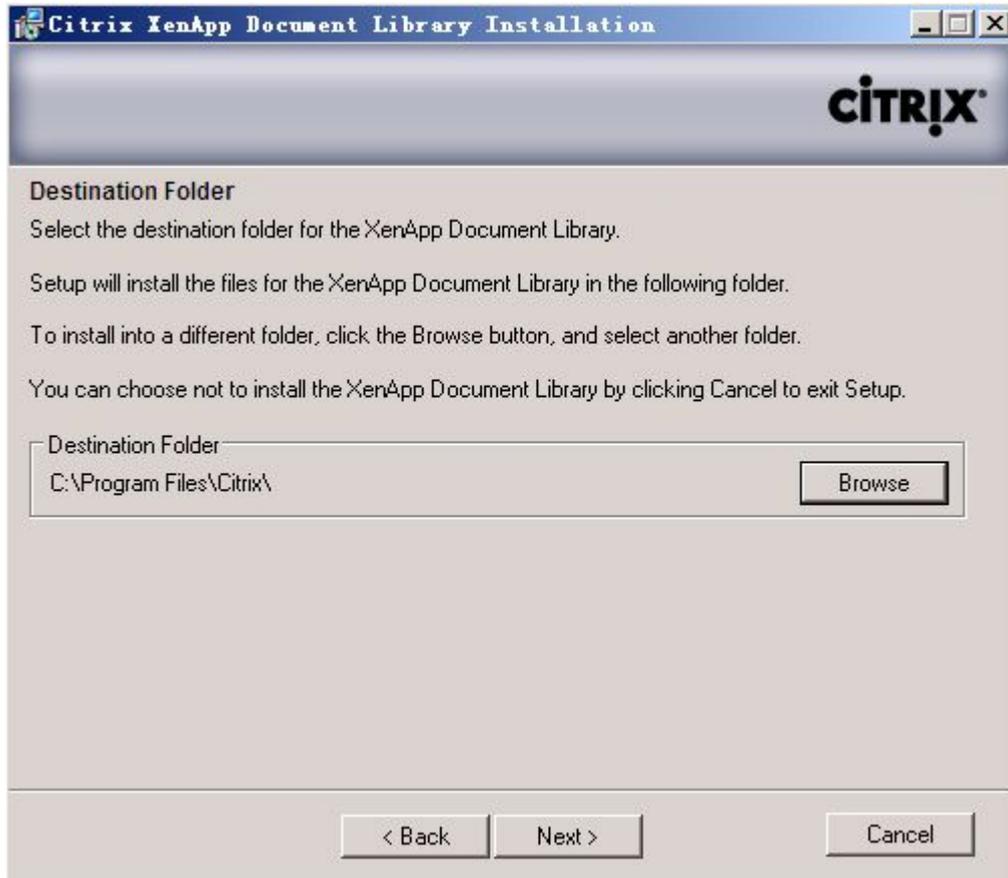


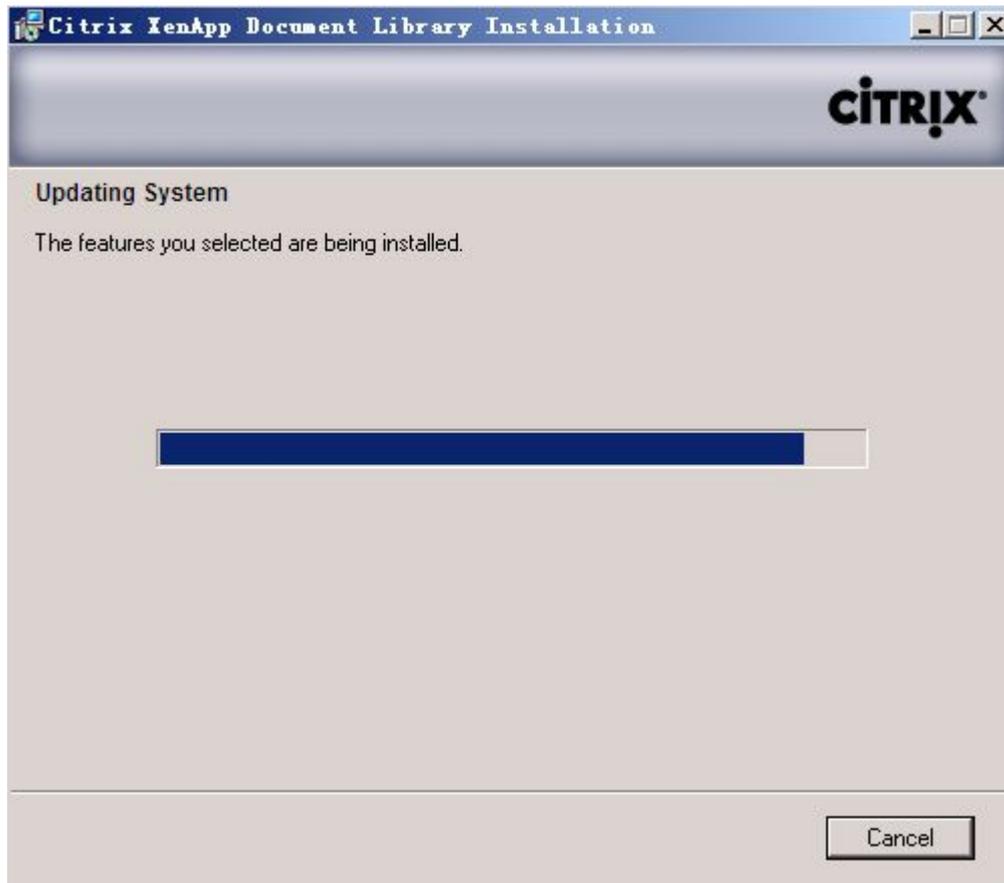


(43) 完成 XenApp 的高级配置安装

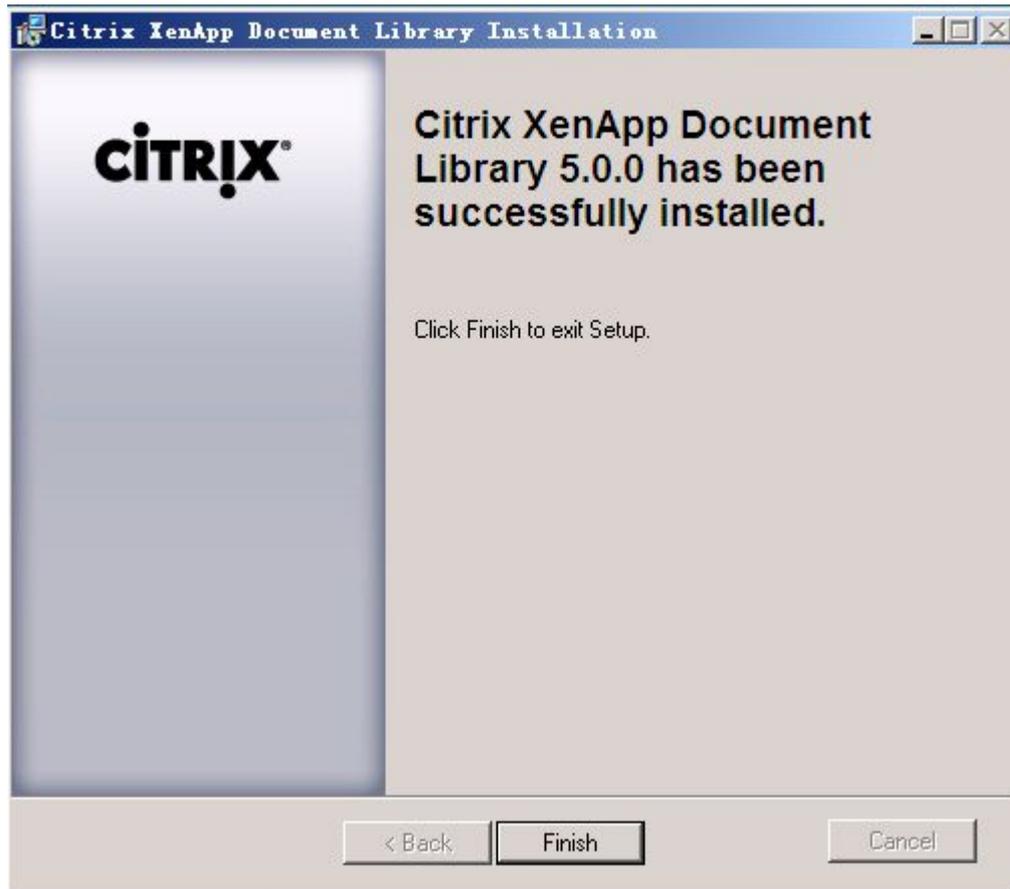


(44) 开始安装 XenApp 的实验文档，这里我们也按安装程序的默认设置即可。

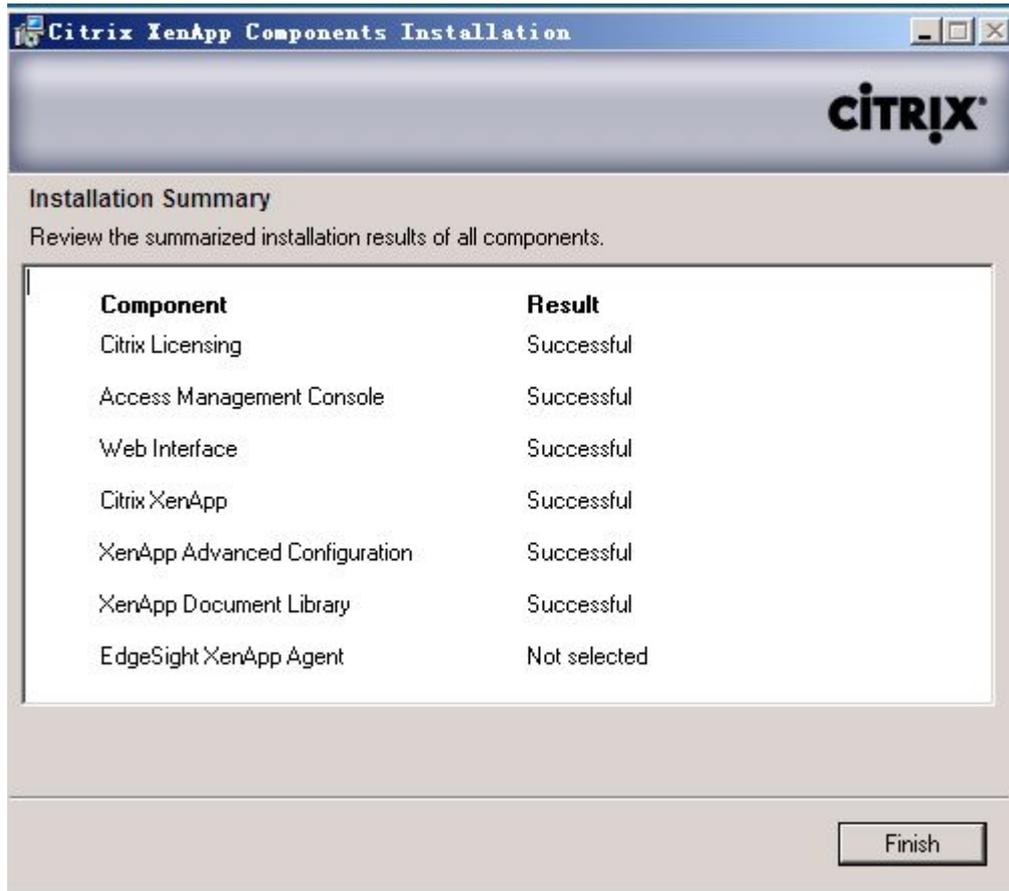




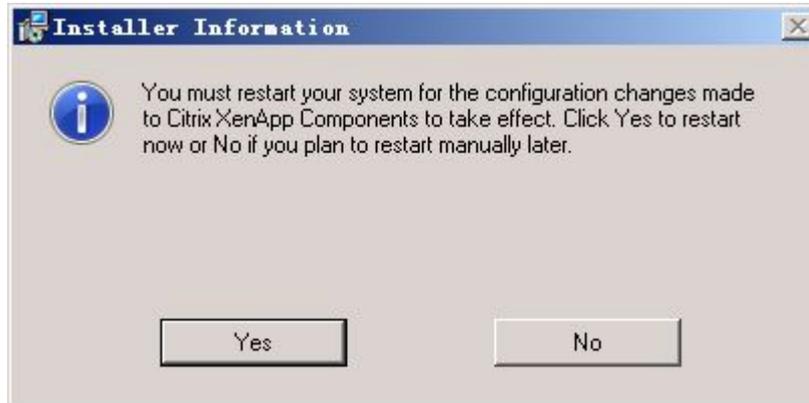
(45) 完成 XenApp 实验文档的安装。



(46) 完成 XenApp 所有组件的安装，最后会有一个安装组件的摘要



(47) 重启计算机，完成安装

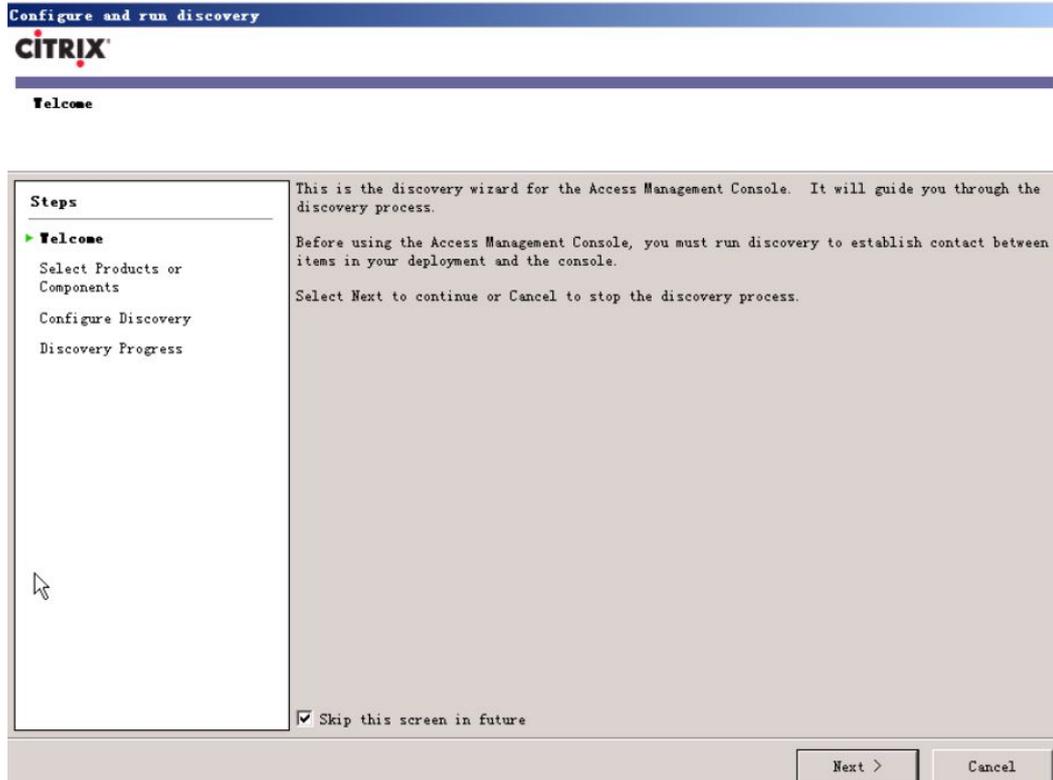


3、 初始化配置XenApp

XenApp 的初始化配置过程与 CPS4.5 的初始化配置过程类似，感觉不到有什么不同。

唯一的区别就是如果我们选择了安装 Password Management 的话，也会让我们去初始化。

这里我重点讲解如何初始化 Password Manager 的过程





Select Products or Components

Steps

- ✓ Welcome
- ▶ **Select Products or Components**
- 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
 - ✓ Configuration Tools
 - ✓ Web Interface
 - ✓ XenApp
 - ✓ Password Manager

< Back Next > Cancel



Configuration Servers

Steps

- ✓ Welcome
- ✓ Select Products or Components
- Configure Discovery**
 - Configuration Tools**
 - Web Interface**
 - ▶ **Configuration Servers**
 - XenApp
 - Select Servers
 - Password Manager
 - Identify Central Store
 - Configure Data Integrity Options
- Preview Discovery
- Discovery Progress

Discovery establishes contact between the Access Management Console and your Web Interface installation.

Note: The Web Interface is installed on this computer. When discovery completes, you can:

- Create sites
- Run local management tasks for sites installed on this computer

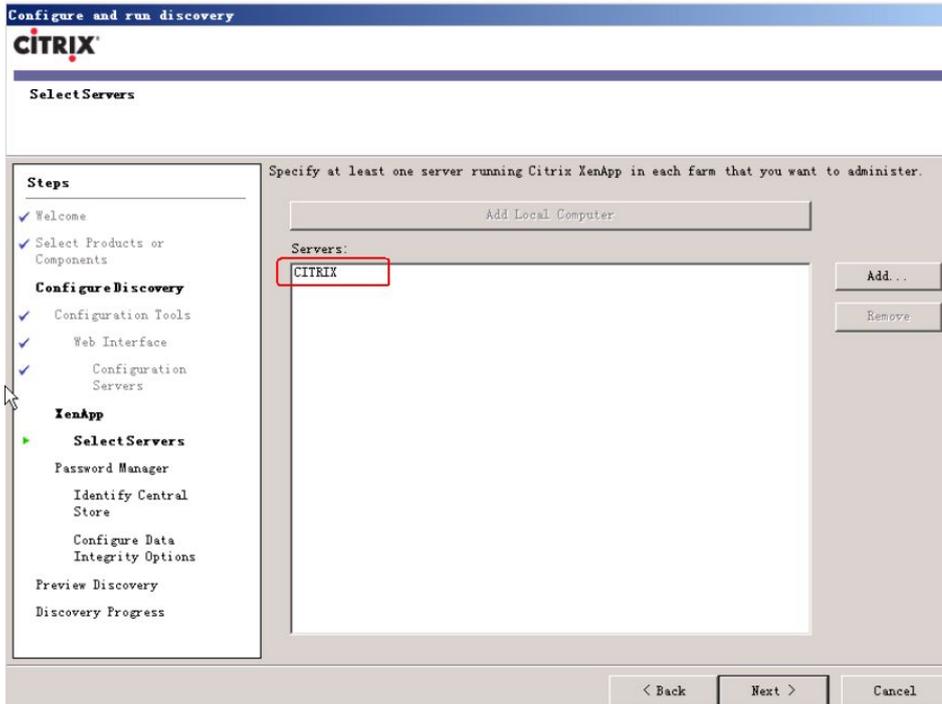
Discover sites installed on this computer
Access all tasks for sites using this computer's local configuration files.

Contact the following servers running the Configuration Service
Select if centrally configured sites need to be upgraded. The server running the Configuration Service is typically the server running the XML Service.

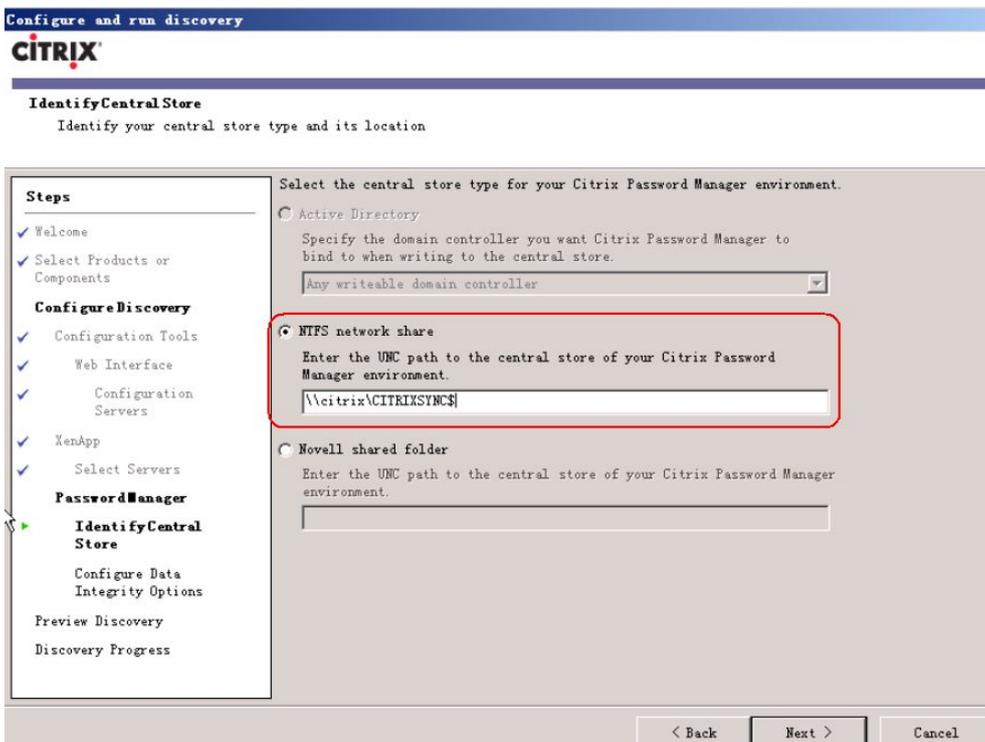
Servers:

| | |
|--------|---------|
| CITRIX | Add .. |
| | Edit .. |
| | Remove |

< Back Next > Cancel

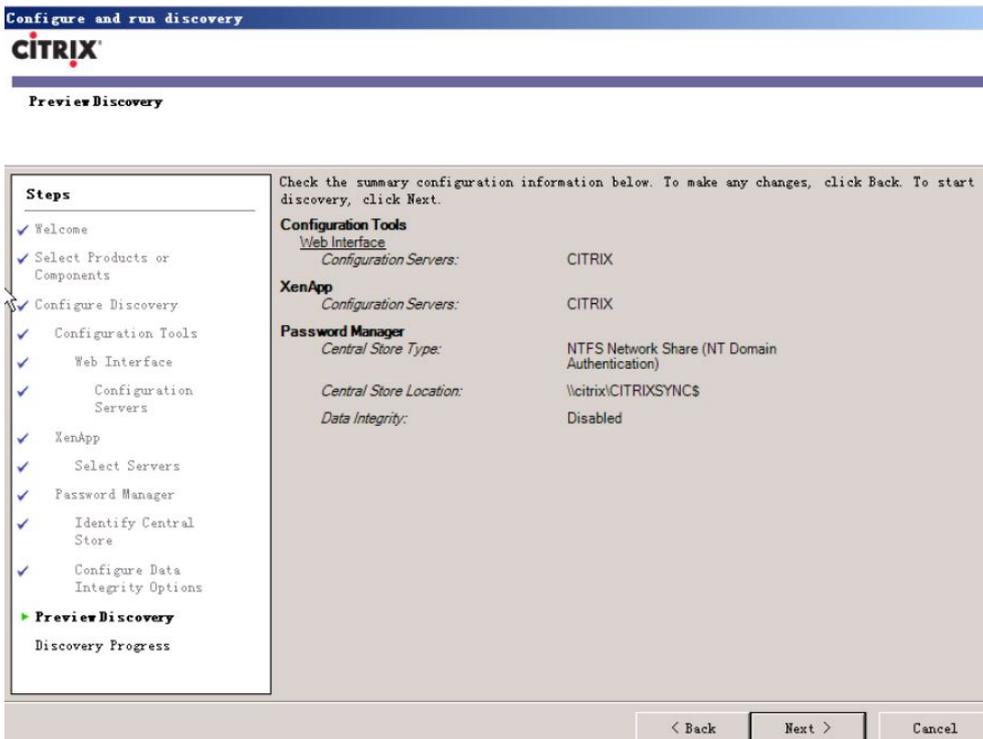
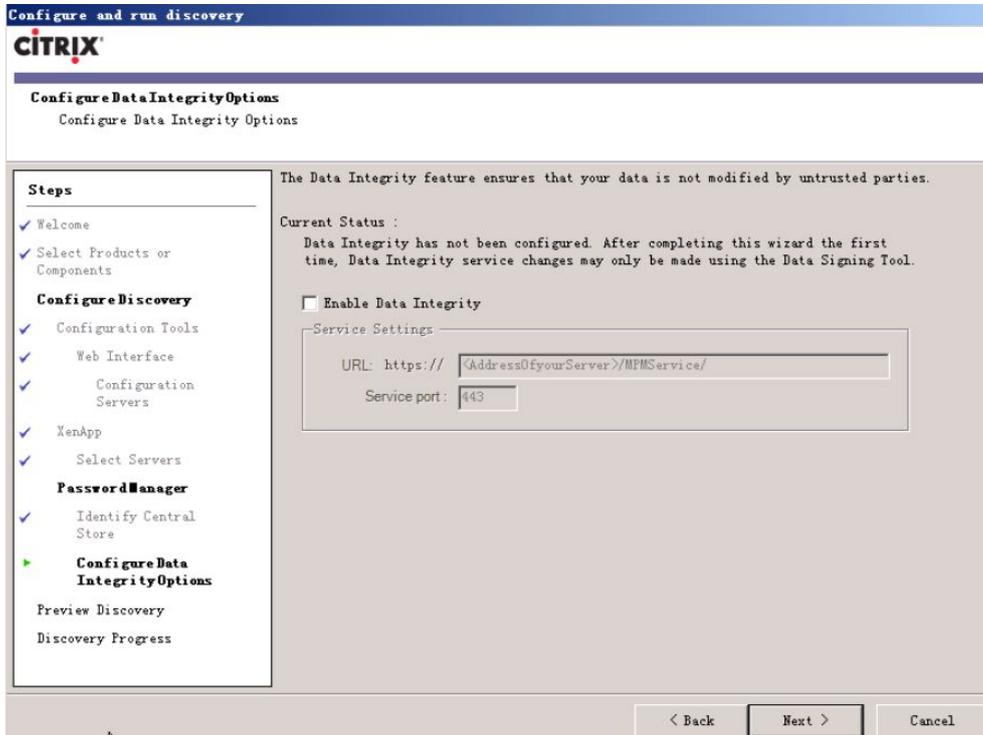


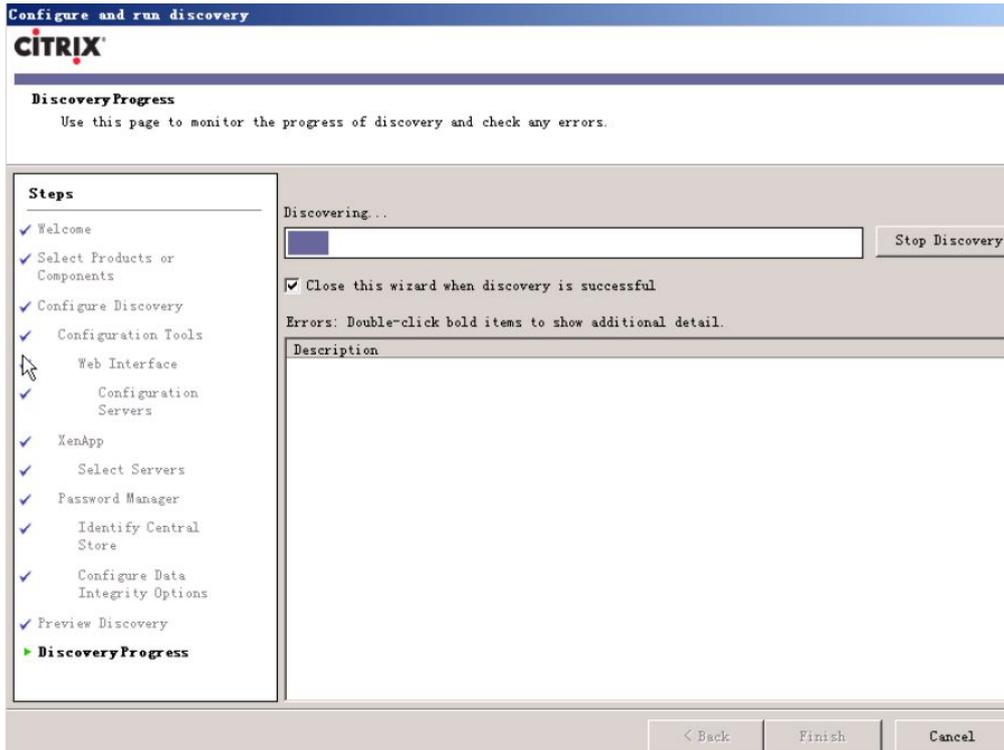
在配置PasswordManager之前，我们需要先运行一个命令，让该命令生成存储密码的共享路径，该命令位于安装盘中的x:\support\password_manager\tools中的CtxFileSyncPrep.exe，运行完该命令后，会自动在C盘创建一个CitrixSync的共享文件夹，在NTFS network share的路径就填入\\服务器名\Citrixsync\$（后面要加“\$”）



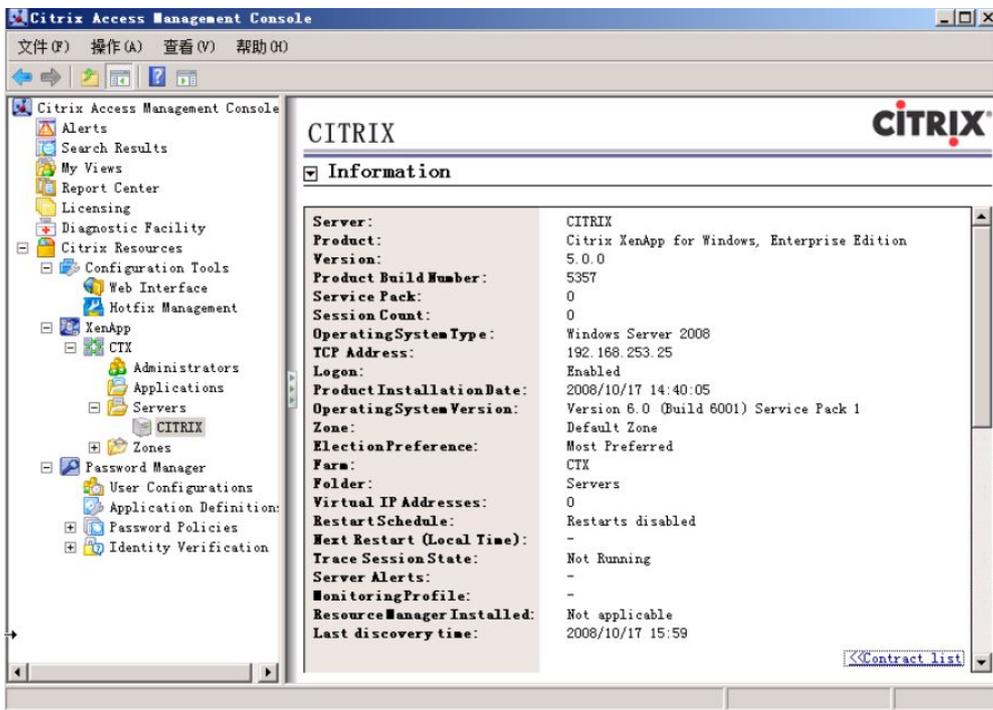
在 Configure DataIntegrity Option 选项中，我们直接按 “Next”，不启用数据完整

性





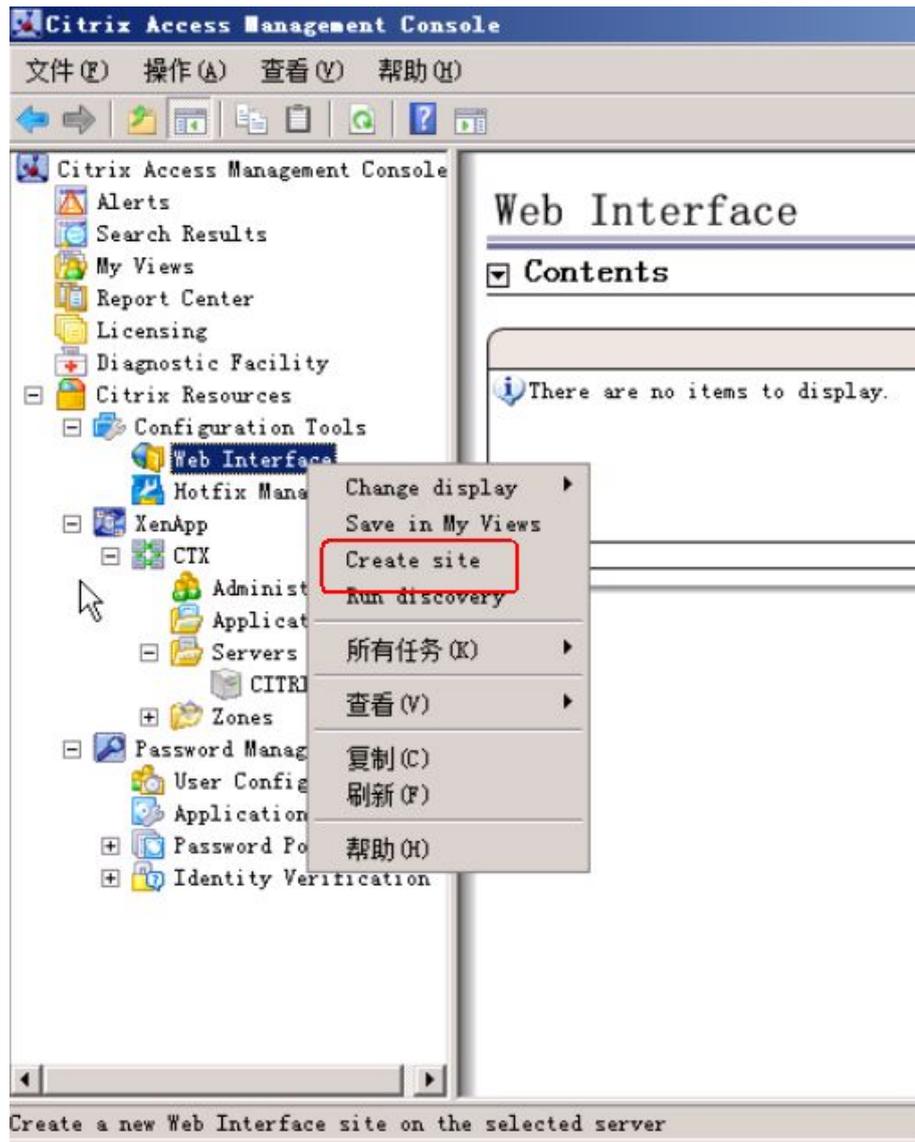
完成配置后，点击服务器，可以查看到 Citrix 服务器的相关信息。



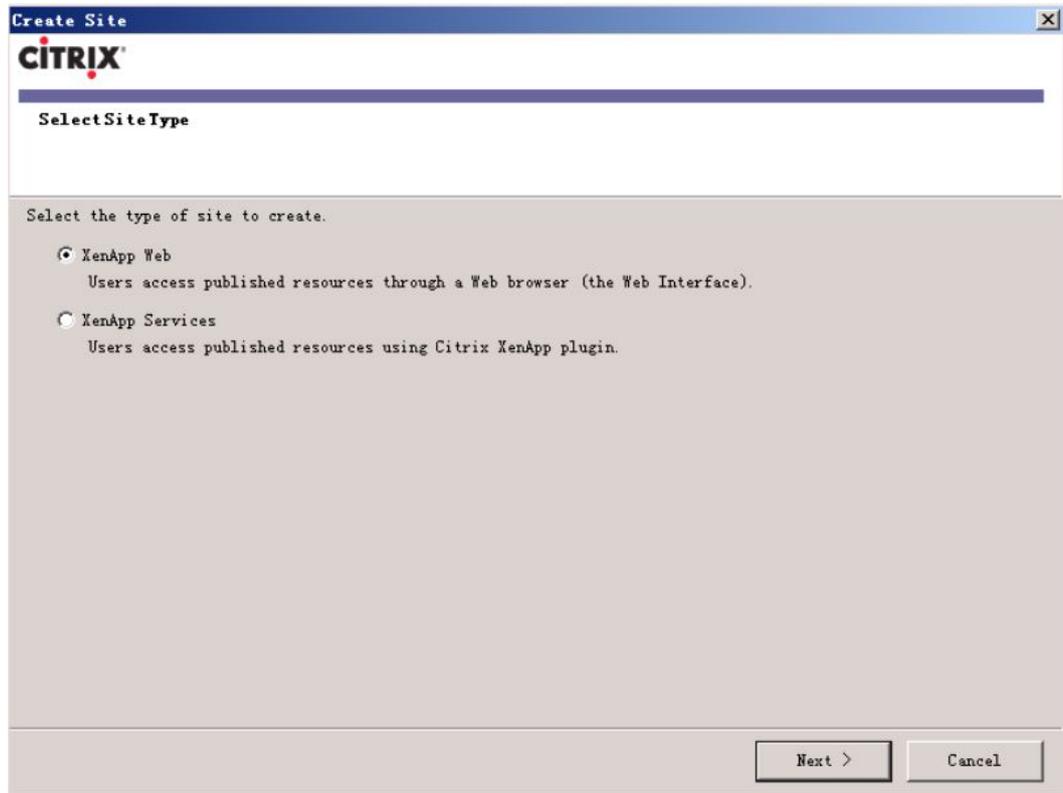
4、 创建第一个Site

在创建 Site 的过程中，XenApp 已经和 CPS4.5 版本有了很大的不同。应该说是更加人性化和方便了。

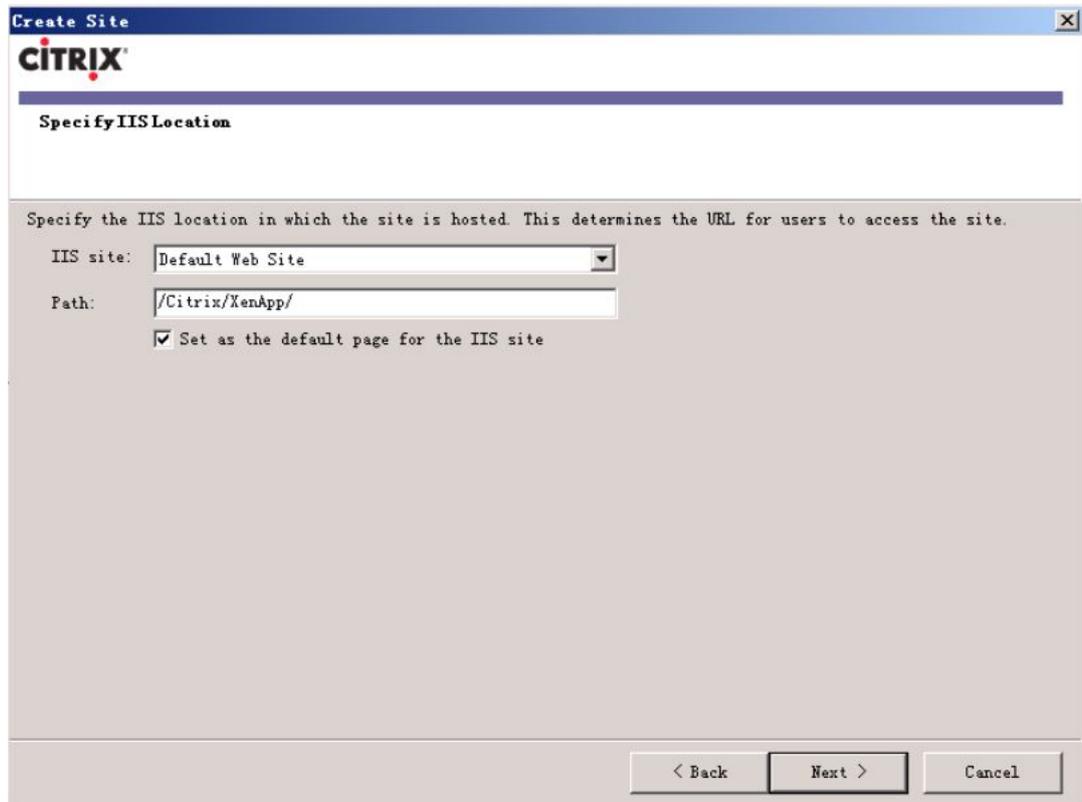
(1) 右键选择 “Creat Site”



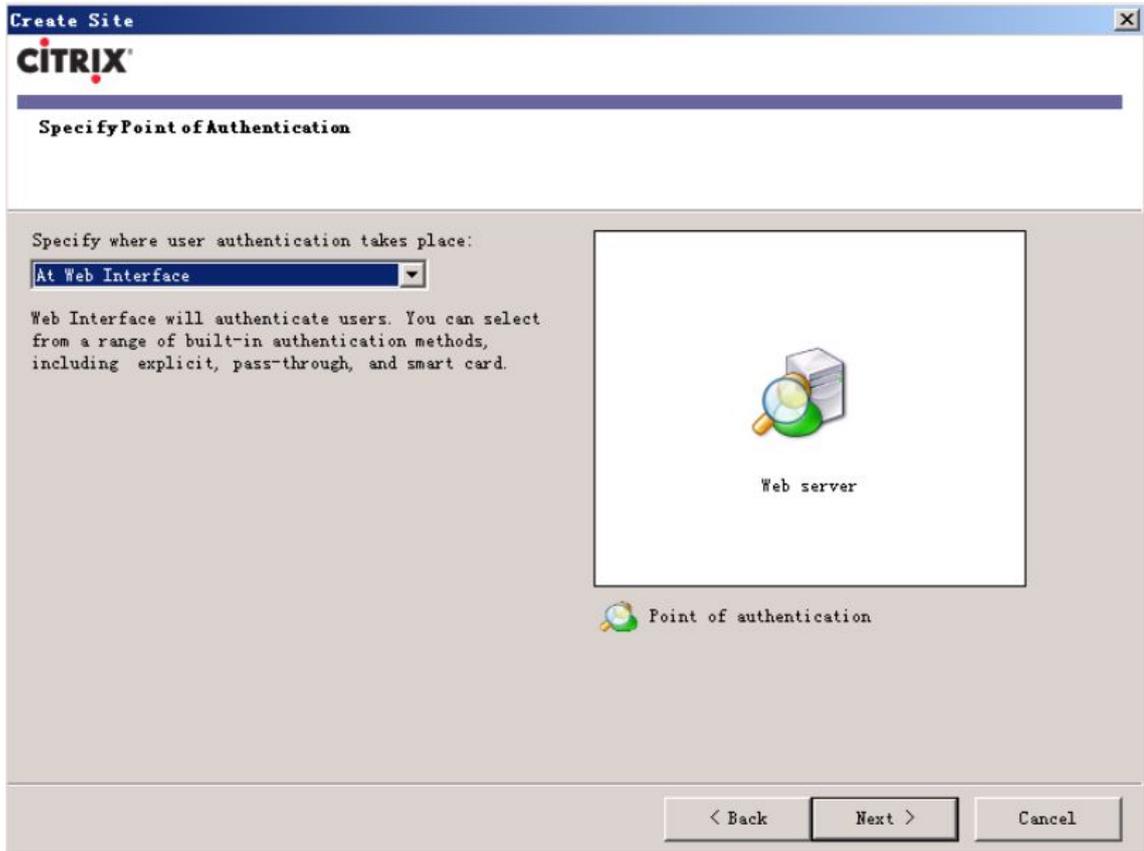
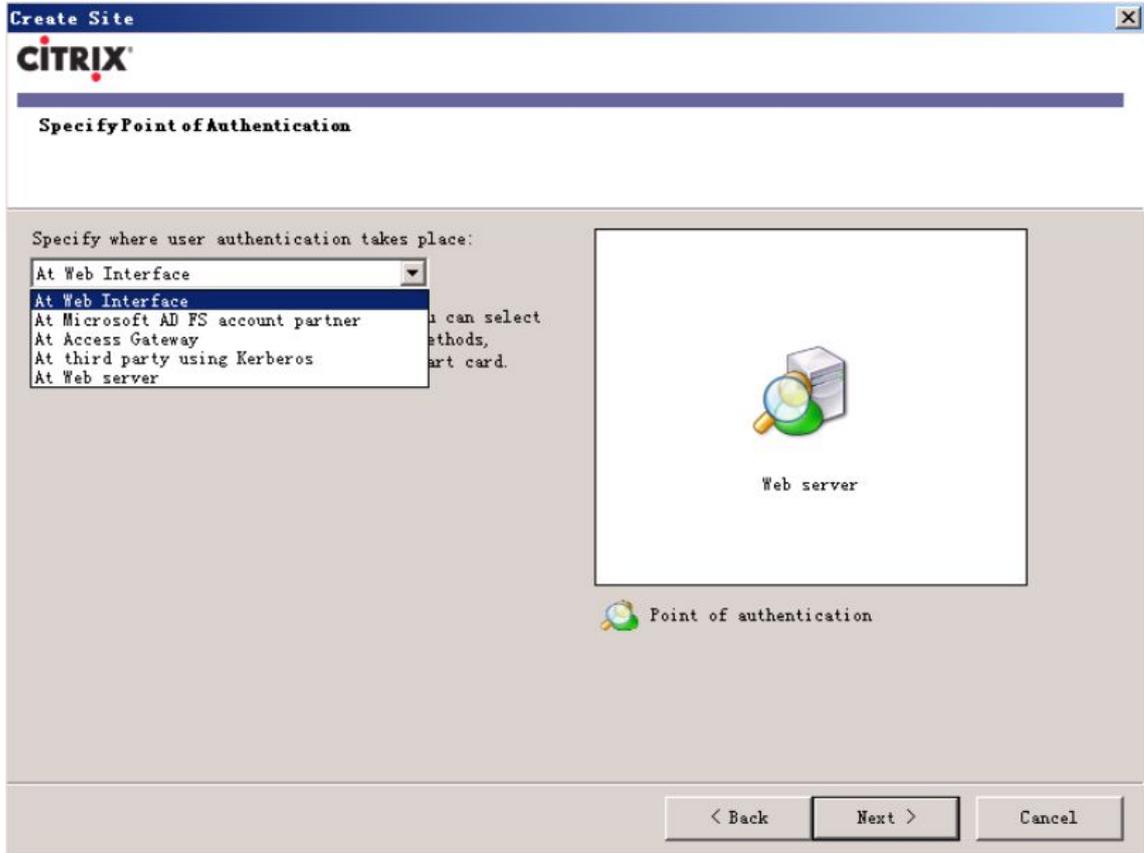
(2) 选择创建 Site 的类型，这里已经和 CPS4.5 有了不同



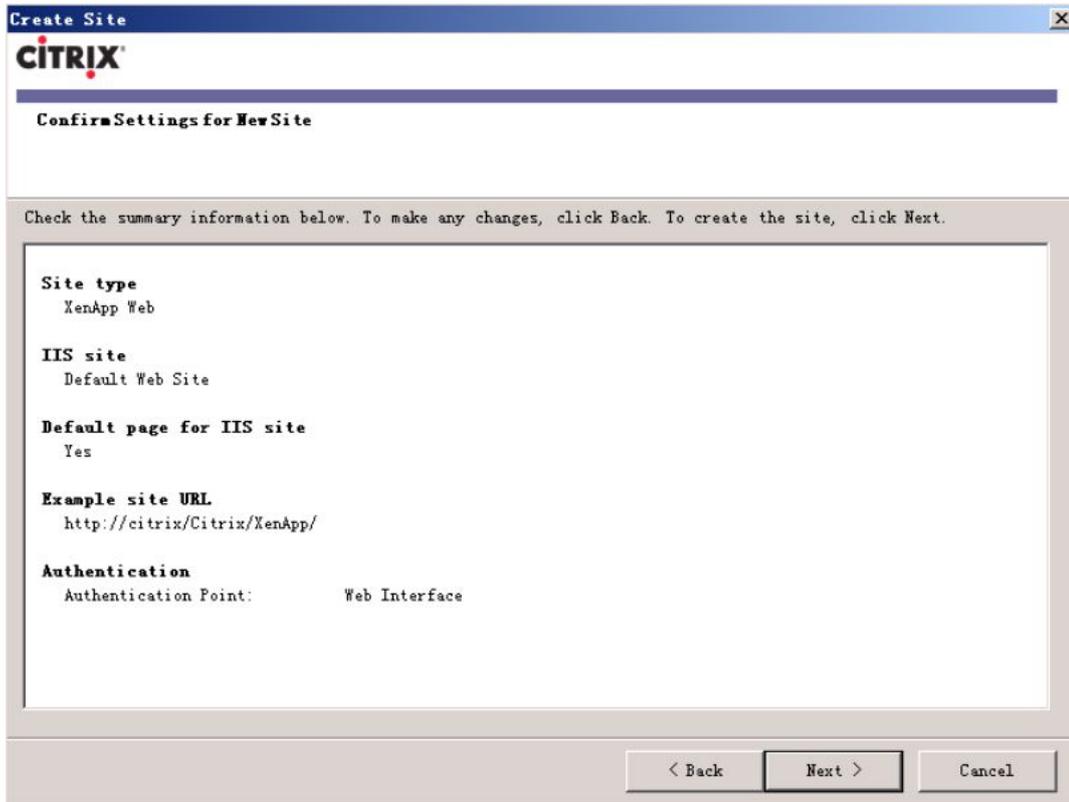
(3) 指定 IIS 的位置，并注意勾选 “Set as the default page for the IIS site”



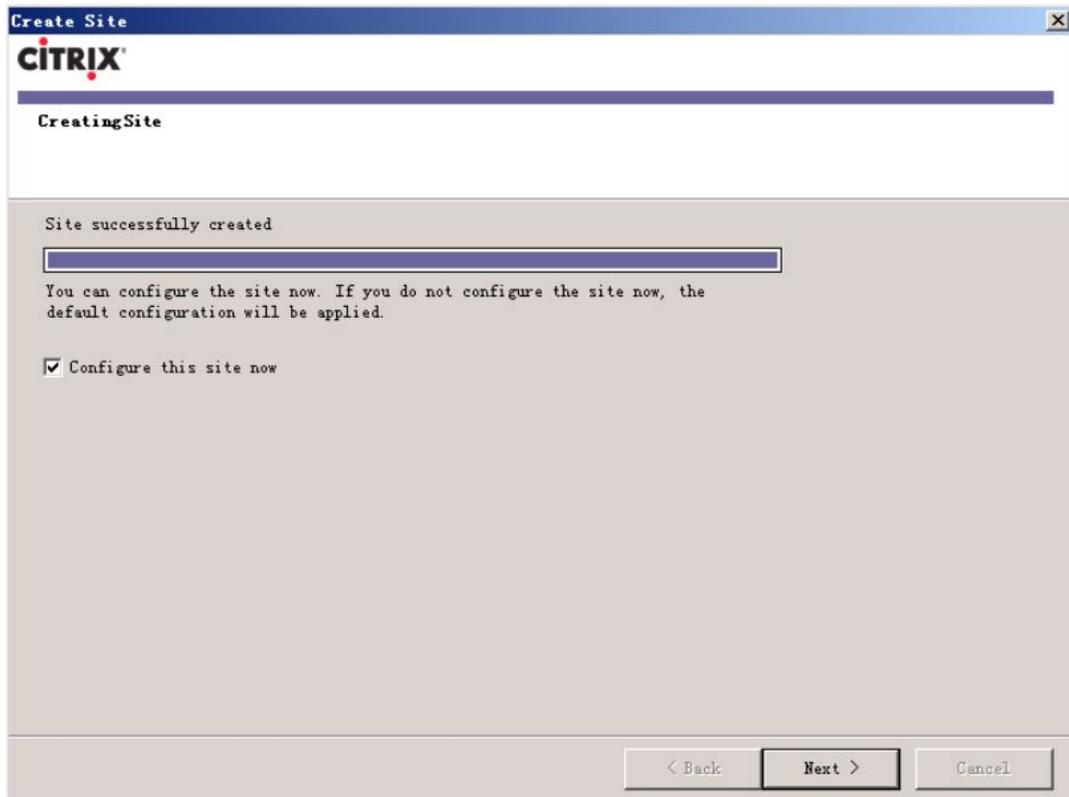
(4) 指定用户认证的源，这里我们选择 “At Web Interface”



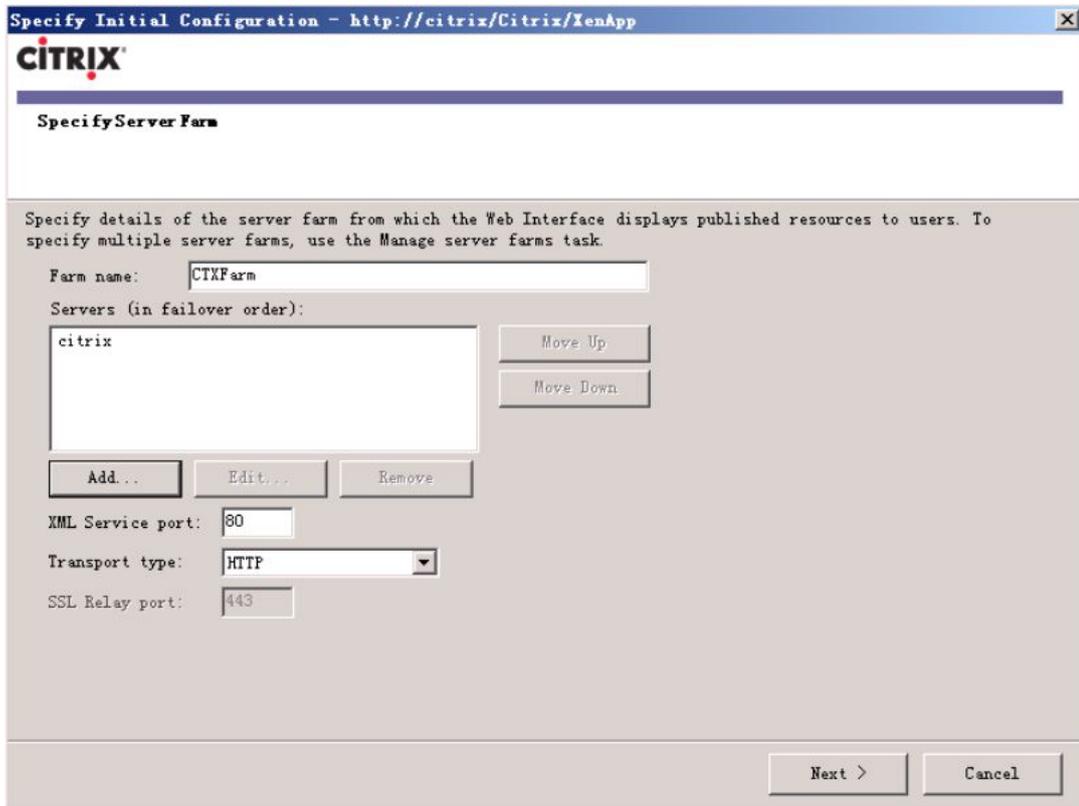
(5) 确认新 Site 的配置信息，确认完毕，开始创建 Site



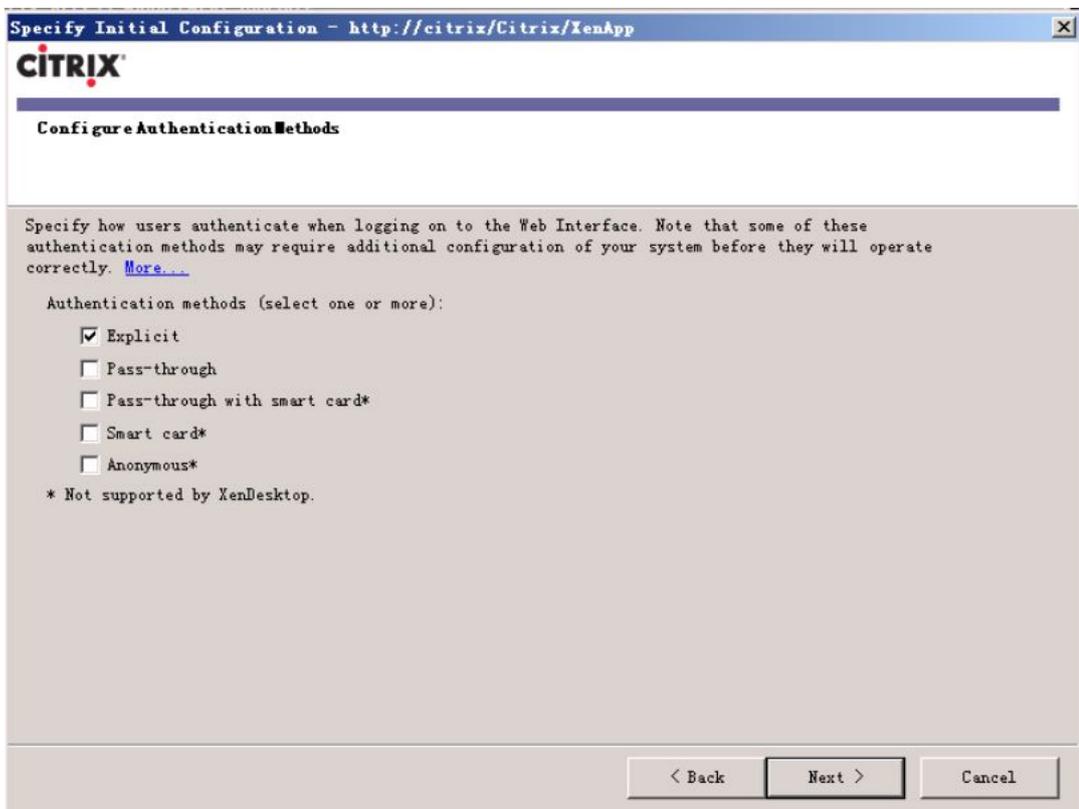
(6) 创建 Site 后，我们开始配置这个 Site



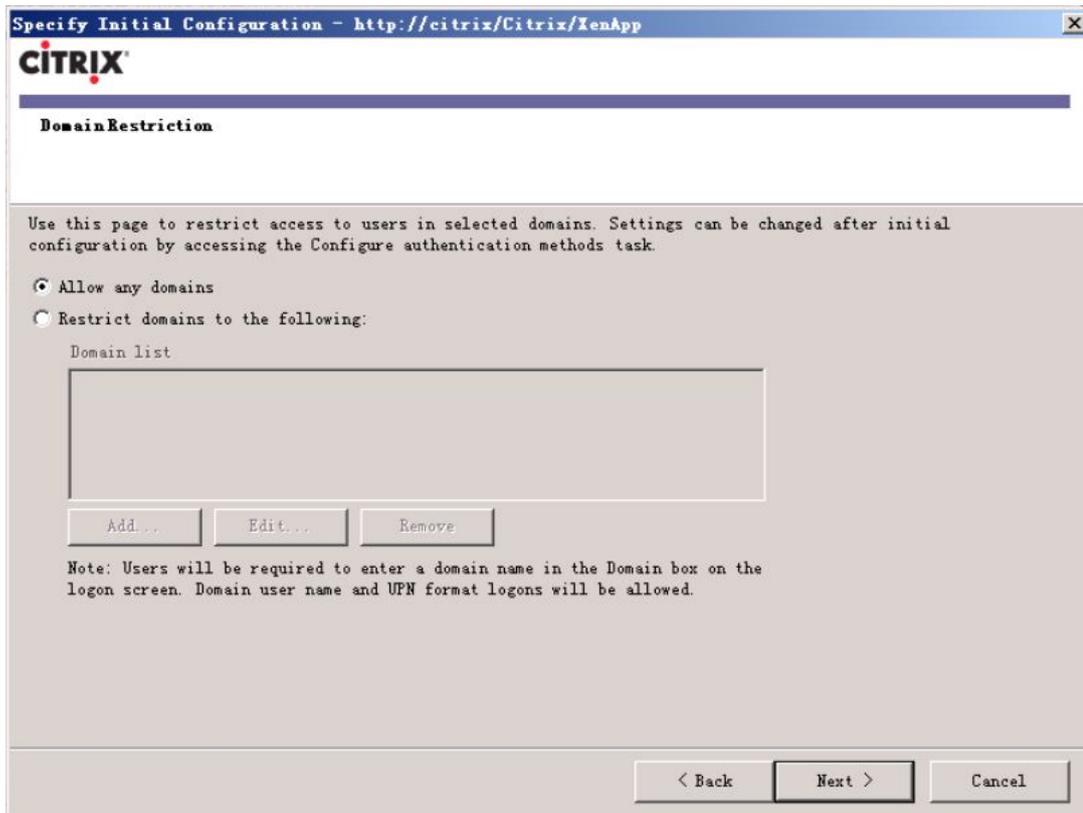
(7) 输入新 Farm 的名称



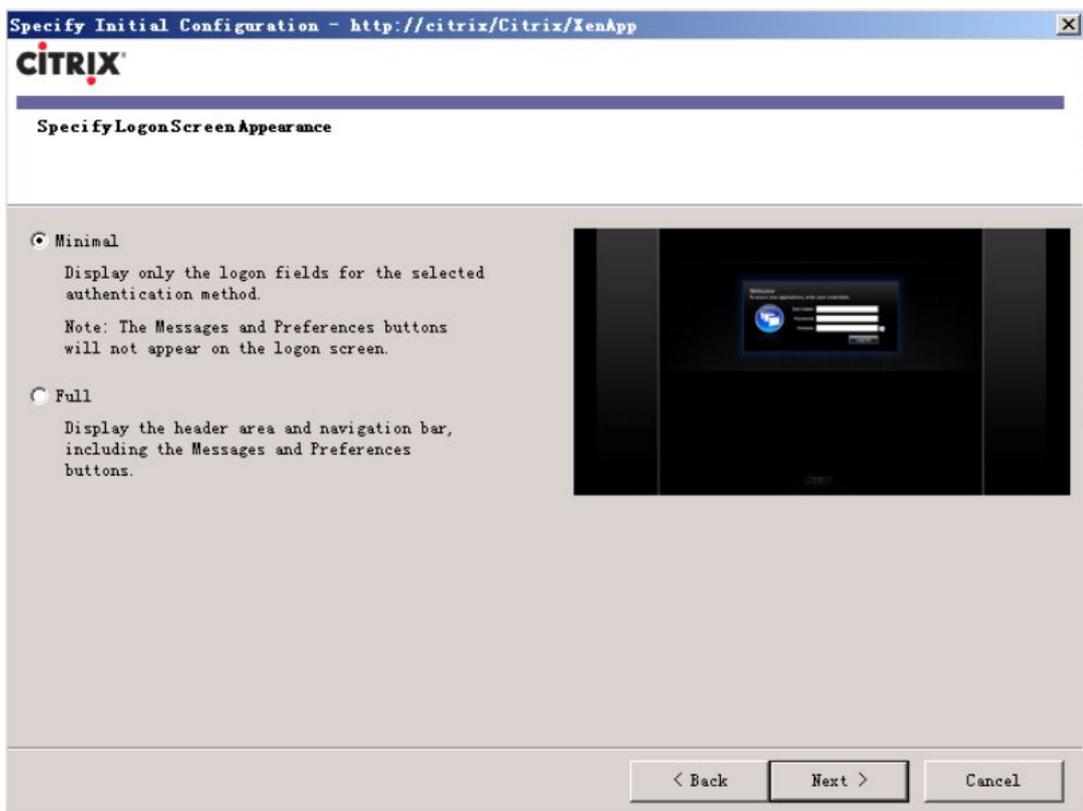
(8) 选择 Farm 的认证模式，这里我们选择 Explicit，意思是使用详细的用户名和密码



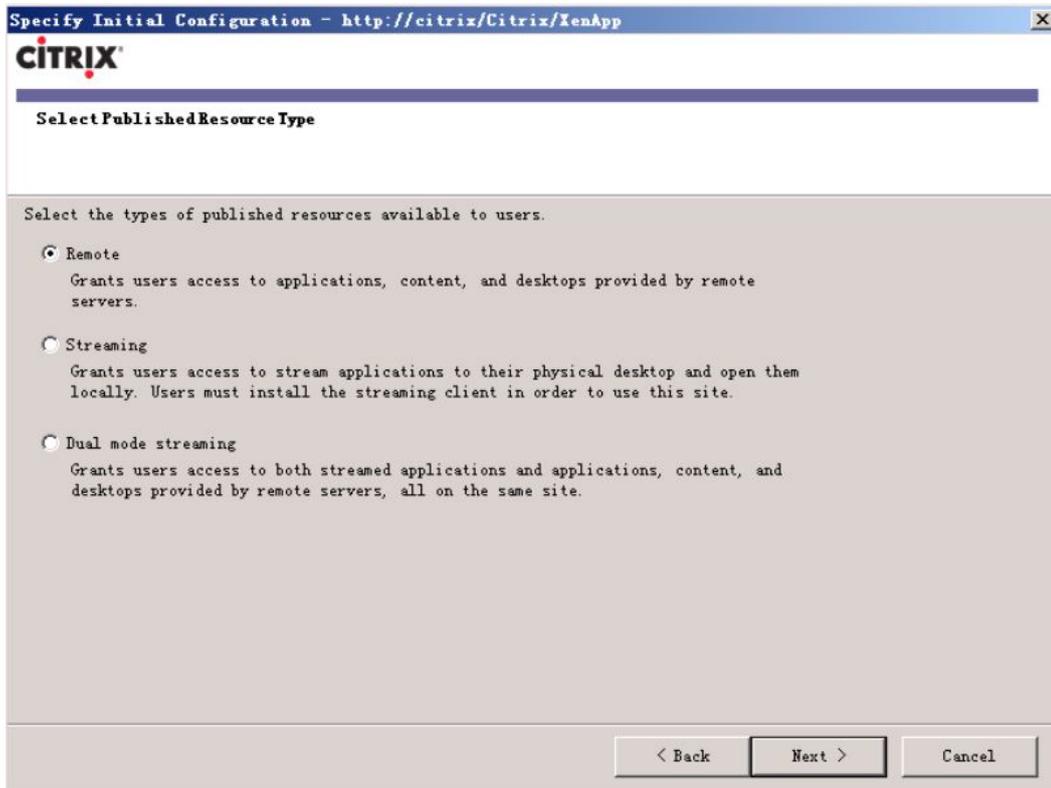
(9) 在 Domain Restriction 中，我们按默认的允许任何 Domain



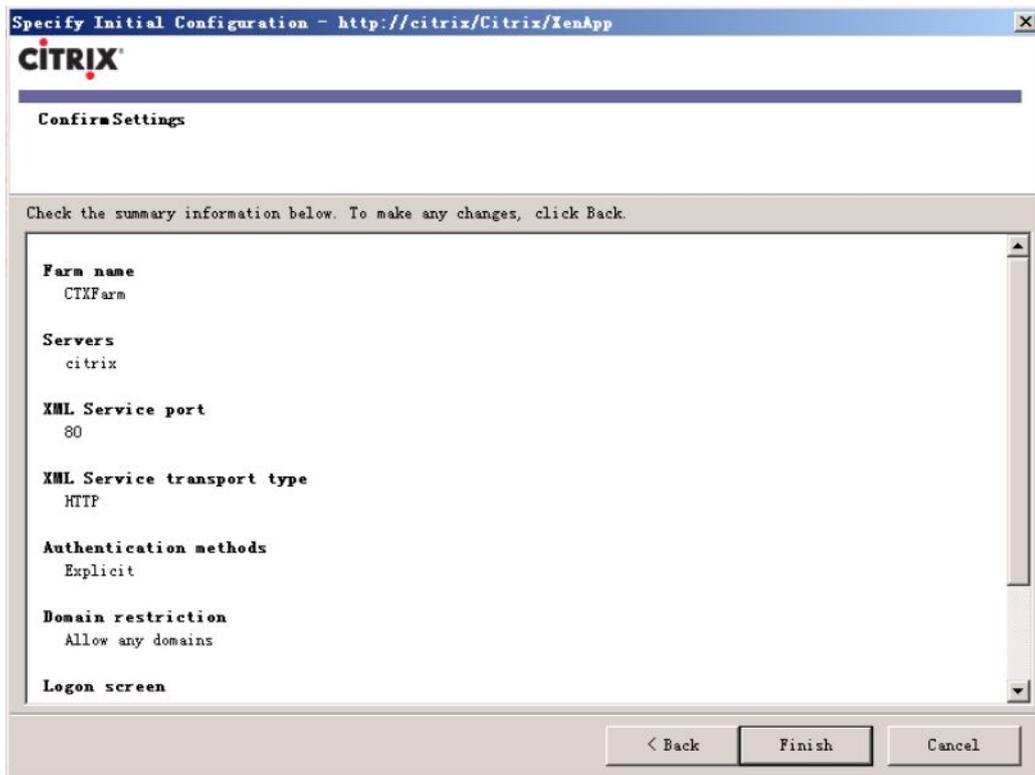
(10) 选择登录屏幕的外观，这里我们选择 "Minimal"



(11) 选择发布程序的资源类型，这里我们选择 “Remote”

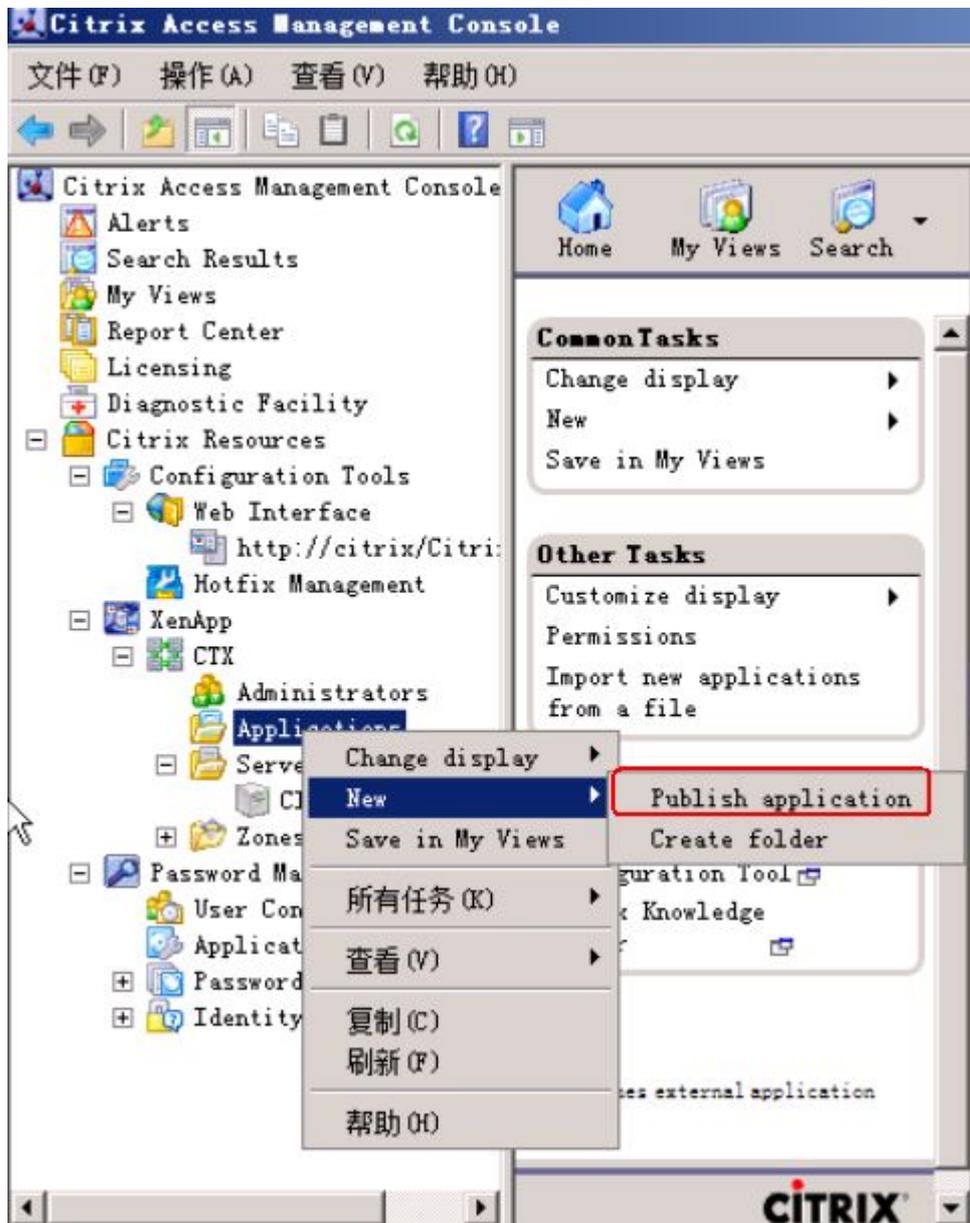


(12) 确认配置信息，完成配置



5、 发布应用程序

XenApp 的发布程序过程与 CPS4.5 的过程没什么改变，这里我详细描述，具体参照截图即可。



Publish Application (1/8) [X]

CITRIX

Welcome

Steps

- ▶ **Welcome**
- Basic
 - Name
 - Type
 - Location
 - Servers
 - Users
 - Shortcut presentation
- Publish immediately

This is the application publishing wizard for XenApp. It will guide you through the process of publishing an application.

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 Access Management Console.

Skip this screen in the future

IE - Publish Application [X]

CITRIX

Name

Steps

- ✓ Welcome
- Basic**
 - ▶ **Name**
 - 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:

Application description:

IE - Publish Application (3/8)

CITRIX

Type
View the application type. To change the type, use the Change application type task.

Steps

- ✓ Welcome
- Basic**
- ✓ Name
- ▶ **Type**
- Location
- Servers
- Users
- Shortcut presentation
- Publish immediately

Choose the type of application to publish.

Server desktop
 Content
 Application

Application type

Accessed from a server
 Streamed if possible, otherwise accessed from a server

Server application type:

Streamed to client

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 already installed on your servers.

< Back Next > Cancel

IE - Publish Application (4/8)

CITRIX

Location
Select and configure the resource being published.

Steps

- ✓ Welcome
- Basic**
- ✓ Name
- ✓ Type
- ▶ **Location**
- Servers
- Users
- Shortcut presentation
- Publish immediately

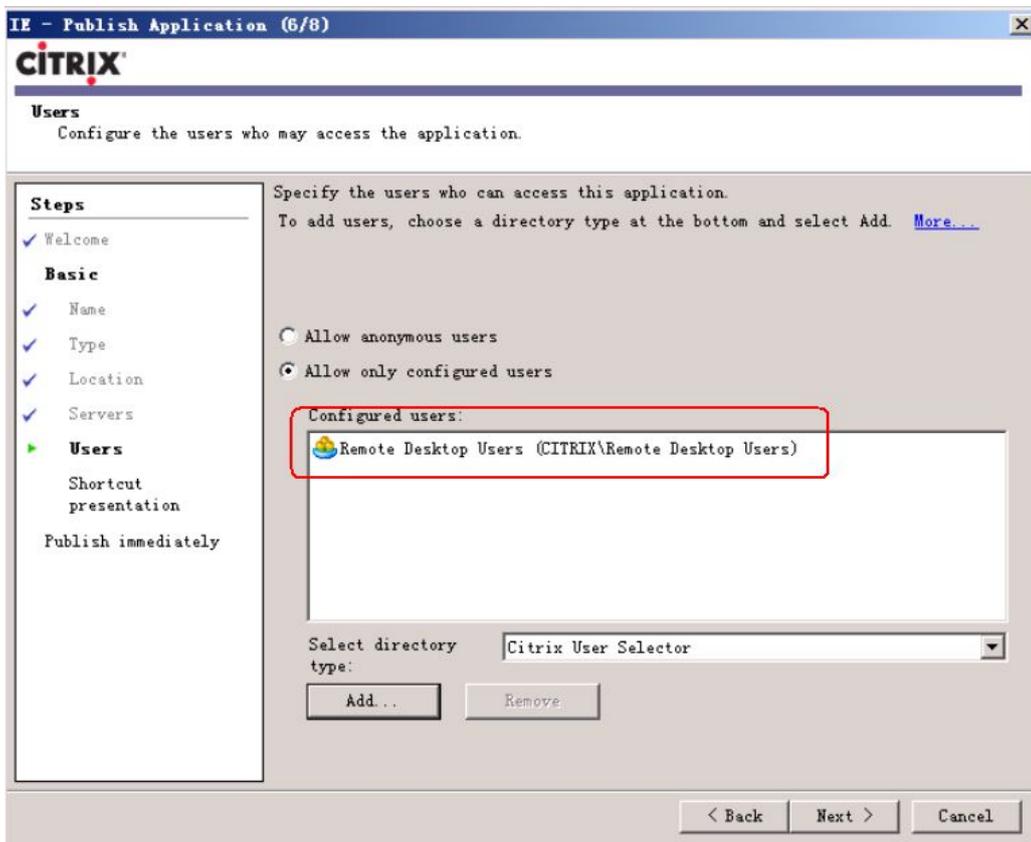
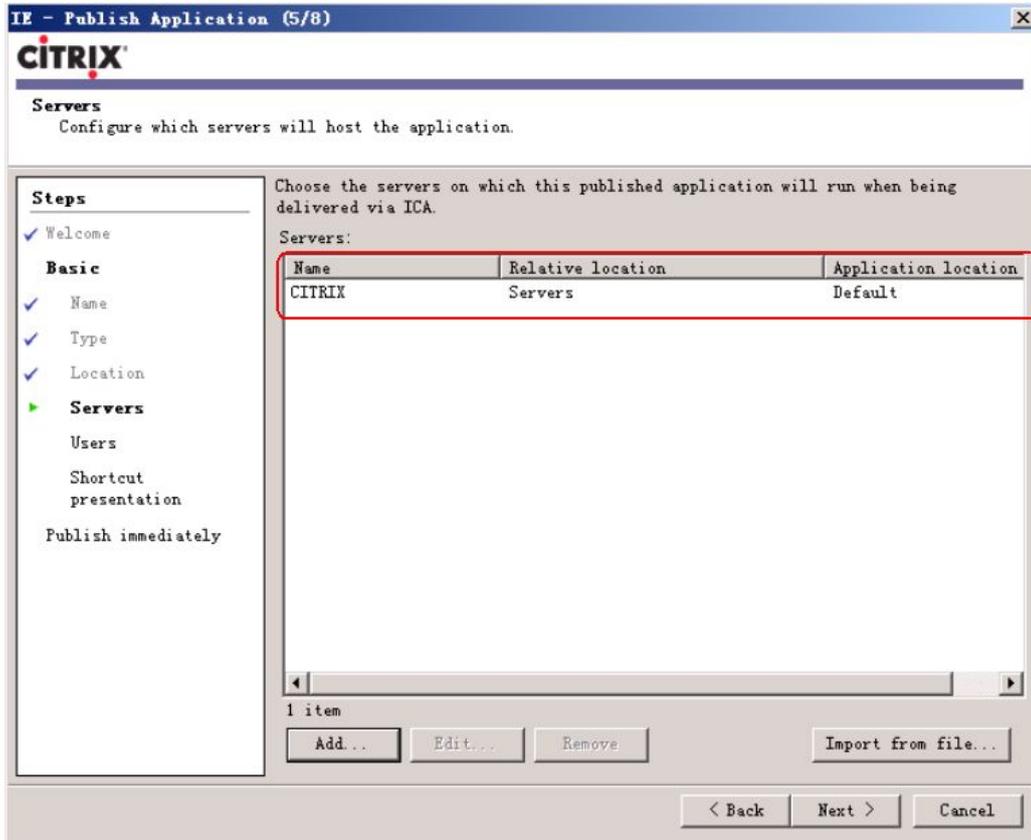
Enter the application location

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:

< Back Next > Cancel



IE - Publish Application (7/8)

CITRIX

Shortcut presentation

Steps

- ✓ Welcome
- Basic**
- ✓ Name
- ✓ Type
- ✓ Location
- ✓ Servers
- ✓ Users
- ▶ **Shortcut presentation**
- Publish immediately

Configure the appearance and location of the application shortcut.

These settings function differently on different clients. [More...](#)

Application icon

Icon: 

Client application folder:

Application shortcut placement

Add to the client's Start menu

Place under Programs folder (Citrix XenApp plugin only)

Start menu folder (Citrix XenApp plugin only):

Add shortcut to the client's desktop

< Back Next > Cancel

IE - Publish Application (8/8)

CITRIX

Publish immediately

Steps

- ✓ Welcome
- ✓ Basic
- ✓ Name
- ✓ Type
- ✓ Location
- ✓ Servers
- ✓ Users
- ✓ Shortcut presentation
- ▶ **Publish immediately**

The essential settings for this application have been configured.

When the wizard 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 Properties tasks.

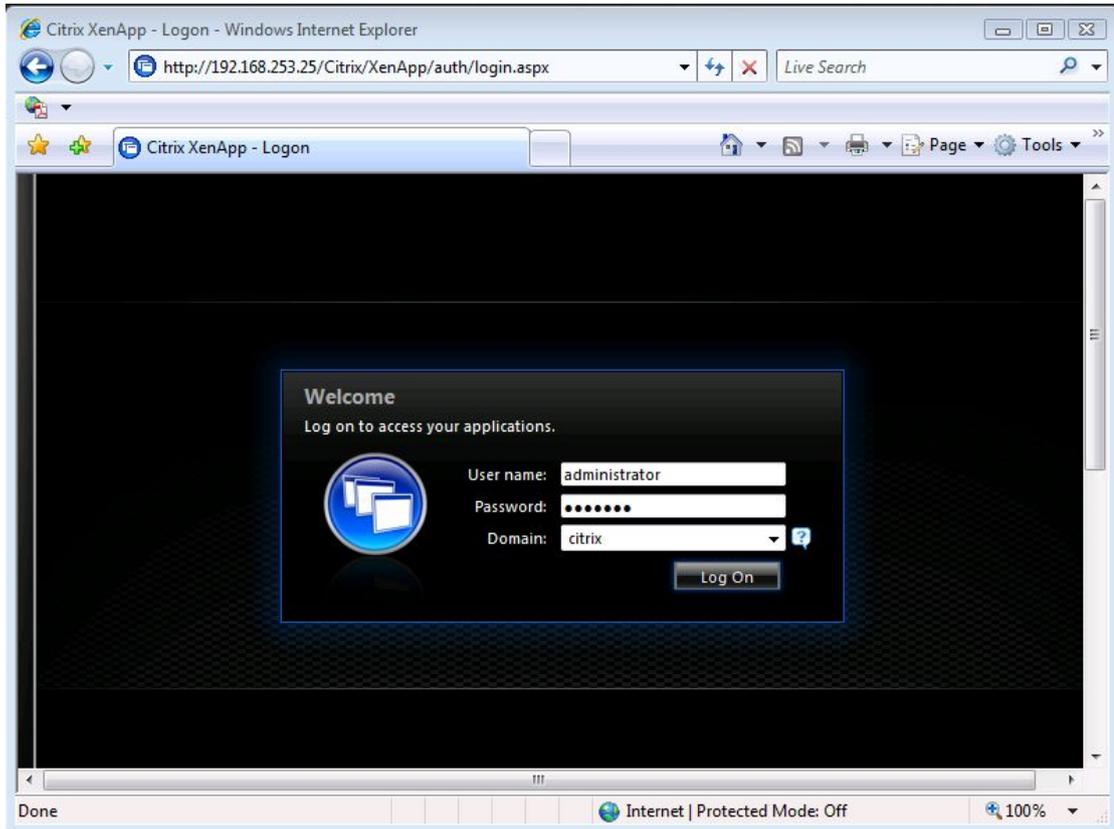
Configure advanced application settings now

< Back Finish Cancel

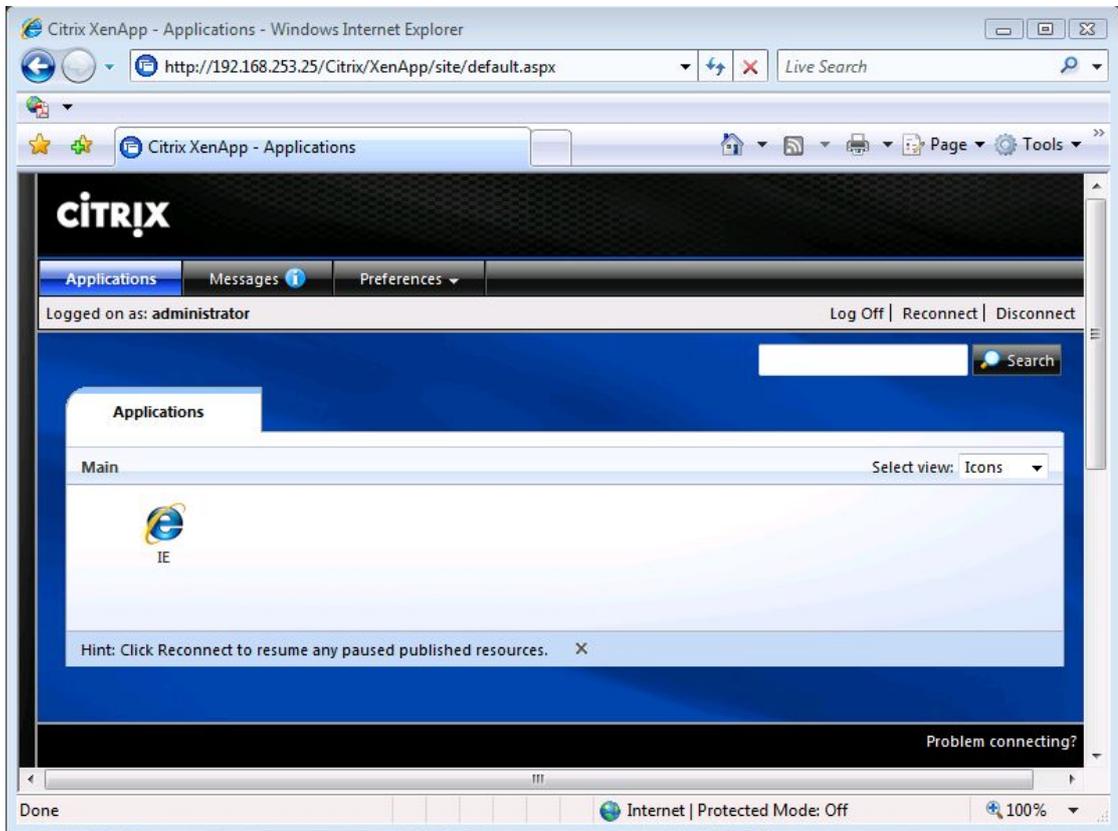
6、 WI访问XenApp

WI 访问 XenApp 整个界面已经有了很大的改变，感觉比较炫丽

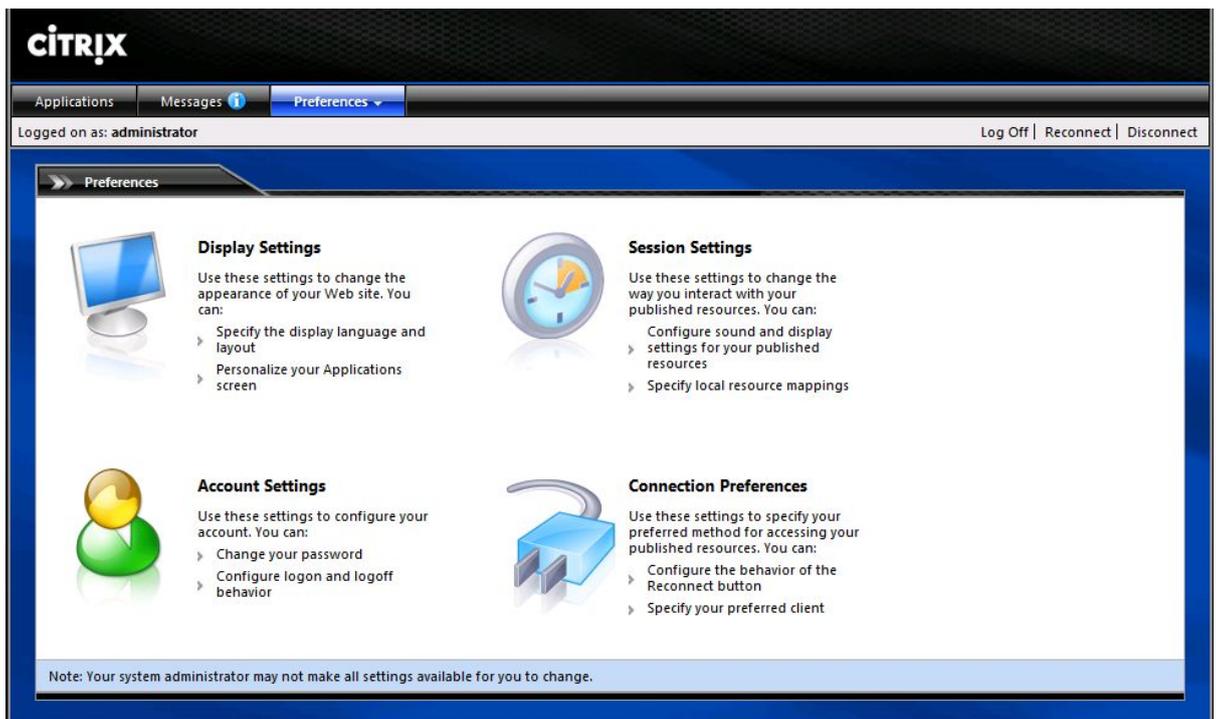
(1) 这是登录界面，输入用户名和口令、域名称后即可登录



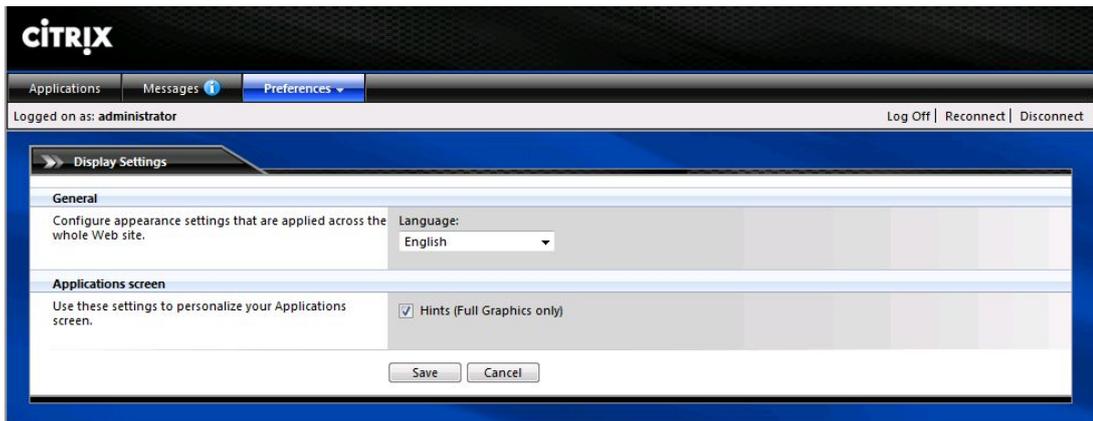
(2) 在 Applications 里，可以看到已经发布的程序列表。并且可以根据自己的需要修改查看排列的方式



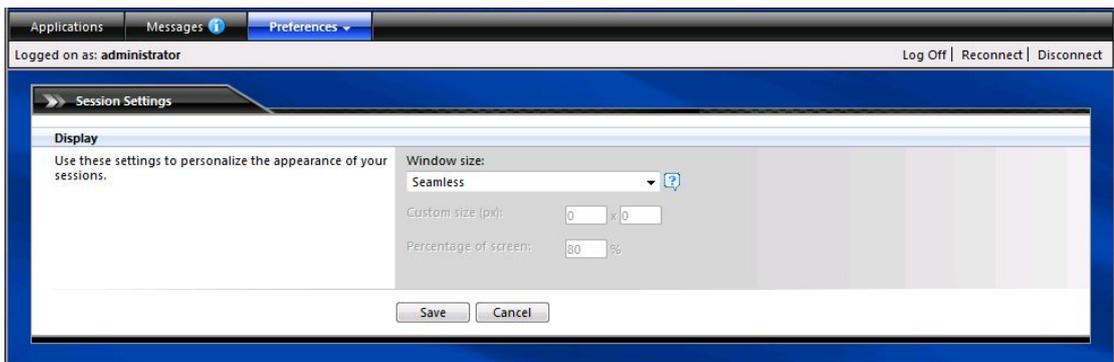
(3) 在 Preferences 项中，可以设置一些常用的选项



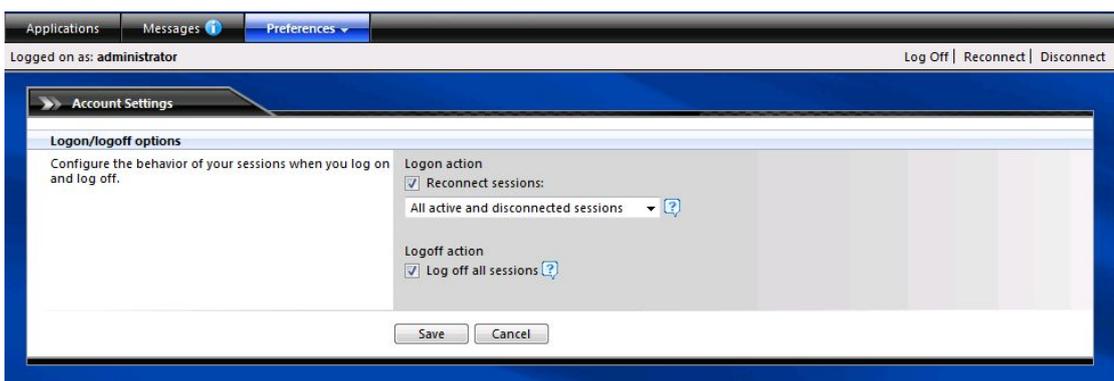
(4) 在 Display Settings 里，可以设置显示的语言和应用程序显示的屏幕大小



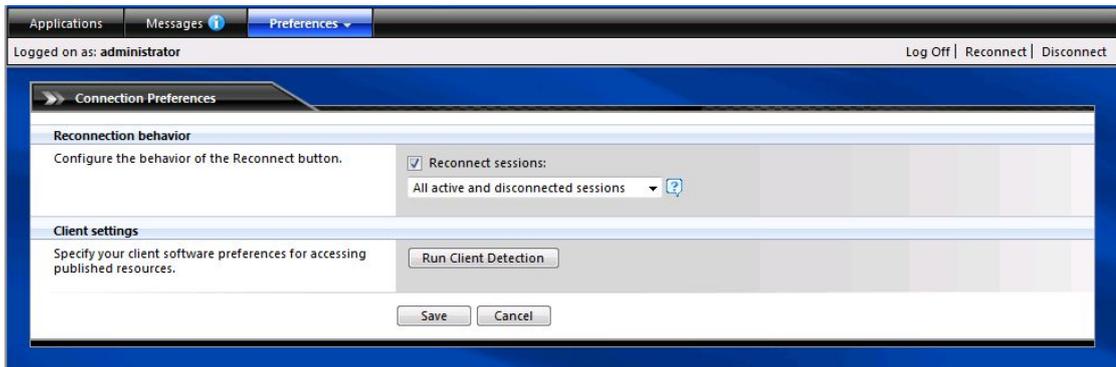
(5) 在 Session Settings 里，可以设置屏幕的分辨率大小，可以按已有的，也可以自己定义，还可以设置显示的比例。



(6) 在 Account Settings 里，可以修改密码、配置登录或退出的行为动作



(7) 在 Connection Preferences 里，可以配置重连接时的动作、指定首选客户端



三、结束语

此次测试，时间比较匆忙，也由于最近比较忙，一直没怎么深入去了解 XenApp 的新特性，此安装文档只是帮助我们对 XenApp 有个初步的了解，文档如果有任何不妥的地方，欢迎各位指正，大家互相学习，谢谢！

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