

Web Office Installation Guide

April, 2005

A HomeMeeting Inc. Official Document

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Minimum Hardware and Software Requirements

General Requirements for Web Office server

- **Processor**: Pentium III 600MHz or higher
- **Operating Systems**: Windows 2000/XP or RedHat Linux 8/9/Fedora 2
- Memory: 256 MB of RAM
- Web Server: Microsoft IIS or Apache HTTP Server
- Script Engine: PHP 4.0.6 or higher

Setting Up Web Office Server

Installing Web Office Server with Microsoft IIS Server

• <u>Step 0:</u> install PHP script engine. Download "PHP 4.3.3-1 for Windows" from HomeMeeting—this copy contains an improved installer created by HomeMeeting.

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🗘 Back 👻	⇒ - €	🔇 Search	🔁 Folde	rs »
A <u>d</u> dress	C:\Document	ts and Setting	s\Adr 💌	∂Go
php_4.3.3-1	.zi setup_web			
, Files/Folders	962 KB	🖳 My Con	puter	

Extract the zip file to a temporary folder and then double click "setup.exe" and follow the popup instruction to install the PHP script.

🔍 PHP 4.3.3-1			_ 🗆	×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> o	ols <u>H</u> elp			
🗢 Back 🔹 🔿 👻 🔂 🔞 Search	Folders	3 P C	X 🛛 🔳	
Address C:\tmp\PHP 4.3.3-1			• <i>è</i>	Go
Folders × Image: The second	core	extensions	php.ini	
Type: Application Size: 121 KB	121 KB	🖳 My	Computer	//.

월 Setup

🛿 Setup 🔀
Install PHP 4.3.3
Welcome to PHP 4.3.3 Setup program. This program will install PHP 4.3.3 on your computer.
Click [Next] to continue.
This enhanced Satur program is developed by HomeMeeting as a courtesy for its
customers. You can obtain the official Setup program from PHP web site at http://www.php.net
Installer version: 4.3.3-1
[<u>N</u> ext>] Cancel

Setup 🔀
License Agreement
Copyright (c) 1999 - 2002 The PHP Group. All rights reserved.
Redistribution and use in source and binary forms, with or without modification, is permitted provided that the following conditions are met:
 Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in
By clicking [I Agree] below, you agree to be bound by all the terms and conditions of the above License Agreement. Carefully read the License Agreement before accepting. If you do not agree with any of the terms and conditions, click [Cancel] to cancel the setup process.
< <u>B</u> ack []Agree Cancel

😼 Setup	×
Destination Location	
Directory where Setup will install PHP 4.3.3.	
C:\PHP	Browse
Directory where Setup will Install PHP extension files.	
C:\PHP\extensions	Browse
< <u>B</u> ack <u>N</u> ext >	Cancel

🚝 Setup	×
Web Server	
Select the web servers that you want Setup Wizard to configure to run PHP.	
Microsoft IIS	
Apache HTTP Server	
Location of apache.exe:	
	Browse
Location of httpd.conf	
	Browse
If you have set custom PHP settings in the web servers, you should clear boxes, so that Setup will not reset the settings	ar all check
< <u>B</u> ack <u>N</u> ext >	Cancel

🚜 Setup	×
Error Handling	
Select the level of error reporting you require.	
 Report all errors, warnings, and notices. (recommended) This option is helpful for developers to debug PHP scripts. 	
 Report <u>only errors</u>. This option is useful for beginners who try to follow PHP examples from books/websites and encounter problems. 	
C Cystom settings	
,	
< <u>B</u> ack <u>N</u> ext > Cancel	

🚝 Setup	×
Register Globals	
Do you want PHP to register form variables as globals?	
 No (recommended) This option is good for enchancing security and good programming practice. 	
C Yes	
This option is useful for beginners who try to follow PHP examples from books/websites and encounter problems.	
< <u>B</u> ack <u>N</u> ext > Cancel	

😼 Setup	×
Email Configuration	
Enter the following e-mail configuration, so the mail() function can correctly send out messages.	
SMTP server address (i.e. mail.mycompany.com)	
homemeeting.com	
Default "from:" address to be used in outgoing mails (i.e. auto-generated@mycompany.com)	
franktmc@homemeeting.com	
< <u>B</u> ack <u>N</u> ext > Cancel	

🖓 Setup	×
Ready to Install	
You are now ready to install PHP 4.3.3.	
Click [Next] to begin the installation or click[Back] to reenter the installation information.	
	1
< <u>B</u> ack <u>Next></u> Cancel	

覺 Setup		×
Insta	llation Completed	
PHP 4.3	8.3 is successfully installed.	
Click [Fi	nish] to exit.	
•	Setup has backed up old files in C:\PHP to directory C:\PHP\backup\2003-10-27-12-46-00. If you encounter compatibility problem with the new PHP version, you can roll back to the previous version using these files.	
	< <u>B</u> ack <u>Finish ></u> Cancel	

• <u>Step 1:</u> download ""setup_weboffice_server_xxx.zip"" from HomeMeeting (xxx is the version number).



Extract the zip file to a temporary folder and then double click "Setup_WebOfficeServer.EXE" and follow the popup instruction to install the Web Office server.. Before the installation, it is strongly recommended that you exit all Windows programs, including anti-virus and/or network security program, before running the Setup Program.



🖓 Setup	×
HomeMeeting WebOffice Server 2.12.2 Rev 1	
This program will install WebOffice Server on your computer. It is strongly recommended that you exit all Windows programs before running this Setup Program. Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program	
WARNING: This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.	
Cancel	

📲 Setup	×
License Agreement	
Please read the following License Agreement. Use the scroll bar or press the Page Down key to view the rest of the agreement.	
END USER LICENSE AGREEMENT FOR HOMEMEETING SOFTWARE	
THIS IS A CONTRACT. BY INSTALLING HOMEMEETING SOFTWARE AND IN FURTHERANCE OF THE FOREGOING OBJECTIVES, THE PARTIES HERETO ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT.	
1. DEFINITIONS	
1.1 "HomeMeeting Software" means collectively the HomeMeeting Server Software	
Do you accept all the terms of the preceding License Agreement? If you choose No, Setup will exit. To install WebOffice Server, you must accept this agreement.	
< <u>B</u> ack <u>Yes</u> <u>N</u> o	

월 Setu	
Data	a Transfer
Setu C: ^V Wou	p detects that HomeMeeting WebOffice Server 2.12.0 is currently installed at Program Files\HomeMeeting\WebOffice Server Id you like to transfer existing data and settings to the new server?
¢ C	Yes, transfer existing data and settings. No, use new data and settings.
1	Note If you want to have a clean installation, cancel the current installation, uninstall existing server, and then run Setup again. Before transferring data to the new server, Setup will backup the current WebOffice Server to "C:\Program Files\HomeMeeting\WebOffice Server\backup". *** However, recording files will NOT be backed up due to large file size.
	< <u>B</u> ack <u>N</u> ext > Cancel

If Setup detects an existing Web Office server, you will be asked whether it should transfer data and setting from existing server. Whether you choose yes or no, Setup will make a backup copy of all the files in existing server in case you need to switch back to the old version. Note that recording files are not backed up due to large file size.

- Step 2: installing Sample Web. The HomeMeeting Web Office is flexible that you can deploy your own web application to work with the MCU meeting server. The Web Office installation, however, comes with a sample web application and is ready to be deployed. Setup offers several installation options:
 - **Install files and configure web server:** Choose this option if this is your first time installing Web Office server. When this option is selected, Setup will make necessary configuration on web server and will create a virtual directory that links to the web application.
 - **Install files only:** Choose this option if you are upgrading an existing Web Office server and want to use the updated web application. When this option is selected, Setup will only install web application files. Web server's configuration will not be reset, you will not have to reconfigure.
 - **Do no install:** Choose this option if you do not want web application, or if are upgrading an existing Web Office server and want to keep the existing web application.

🖓 Setup 🛛 🔀
Web Template & Management
WebOffice comes with a set of web template and management tool, would you like Setup to install and configure them?
— Web <u>T</u> emplate
Web template shows you how to create custom web pages to work with WebOffice Server.
Install files and configure web server
Web Management Web manage allows administrators to remotely manage WebOffice Server through browser Install files and configure web server
 Choosing "install files" will cause all existing files be overwritten. Choosing "install files and configure web server" will cause certain web server properties be reset (i.e. IP address restriction, certificate setting).
< <u>B</u> ack <u>N</u> ext > Cancel

📲 Setup	×
Web Server	
Select the web server which WebOffice Server will use	
Microsoft Internet Information Server	
O Apache HTTP Server	
Location of apache. <u>e</u> xe:	
	Browse
Location of httpd. <u>c</u> onf	
	Br <u>o</u> wse
< <u>B</u> ack <u>N</u> ext >	Cancel

覺 Setup	×
Account for IIS Anonymous Access	
By default, Microsoft IIS does not allow web applications to modify files, execute programs, and control services. These restrictions severely affects the operation of WebOffice Management. To overcome the restriction, IIS must be configured to run under an administrator account.	
Please enter user name and password of the Windows administrator account. Password of the account must not be blank due to IIS restriction.	
(You are asked to enter this information because you have requested Setup to install and configure WebOffice Management for Microsoft IIS.)	
Username: administrator	
Password:	
Warning Incorrect user name and password will cause WebOffice Management to stop workin Consult vour system administrator if you are not sure the settings.	g.
< <u>B</u> ack <u>N</u> ext > Cancel	

If you have selected to "install files and configure web server" for Web Office Management and selected to use Microsoft IIS as the web server, you will be asked to enter the username and password for the Window's administrator account. *Because of security concern, IIS must be run in administrator mode to perform certain operations, such as starting and stopping system services.*

If your web server hosts multiple web sites, you can choose which site that the "weboffice" (and/or "webofficemanage") virtual directory is created. Therefore the URL to access the Web Office home page is "http://{URL of the server}/weboffice/". Note this option is available only if you selected "install files and configure web server" option in previous dialog box.

Setup	2
Web Site (Virtual Host)	
Setup will create a virtual directory (alias) called "weboffice," which is linked to the WebOffice web template and/or "webofficemanage" to the WebOffice web management For example,	
http://www.mycompany.com/weboffice/ http://www.mycompany.com/webofficemanage/	
(For servers that host multiple web sites). Select the web site where the virtual directory w be created.	ill
0. franktmc:80	

Step 3: display name or logo image of your company at the web page of Web Office server. You can enter your company's name that will be displayed on the sample web page. HTML syntax can be used here; however, it must be XML compatible. Following is an example to display company logo, note the slash "/" symbol at the end for XML compatible:

```
<img src="my-company-logo.gif" width="150" height="30"/>
```

After entering the company name, click "OK" to the data directories setup for the web office server. The recording files can be stored at a separate server of different IP address. See MCU configuration or consult your agent.

😼 Setup	×
Company Name	
Enter company's English name to be shown on WebOffice web site.	
To specify a name in other languages (e.g. Chinese), you may edit resource.xml file manually after the installation	
In addition to text, a logo can be displayed by entering a HTML image tag. Note, you must enter the tag in XML format, for example:	
	
HomeMeeting Inc	
☐ Iransfer the name from current WebOffice Server.	
< <u>B</u> ack <u>N</u> ext > Cancel	

📲 Setup	X
Directories	
 Data Folder (This value is preset if you selected to install web templates.) WebOffice data files (XML and JNJ) will be stored in this folder. Web Server should be configured and links to this folder. This folder must be accessibled by IUSER account. 	_
C:\Program Files\HomeMeeting\WebOffice Server\inj Files Browse Recording Folder Recorded meeting files (JNR) will be stored in this folder. Since recording files are big, you should set the recording folder to a drive which has large free disk space. D:\Program Files\HomeMeeting\WebOffice Server\recording] _
Log Folder System log files will be stored in this folder. C:\Program Files\HomeMeeting\WebOffice Server\log Browse	_
< <u>B</u> ack <u>N</u> ext > Cancel	

- <u>Step 4:</u> network settings for port number and server IP address. The port number(s) has to be open, not only for the server-side firewall, but also for client-side firewall setting, if the connection is through public Internet.
 - <u>Port Binding</u>: You can configure the listening ports of the meeting server. The default port numbers are 2333 and 443. Port 443 is used to allow clients connecting from behind a cooperate firewall through HTTPS protocol. Note that if port 443 is used for the MCU meeting server, web server must be configured to use a different port for HTTPS traffic. By default, Setup will configure web server to use 8443.
 - <u>IP Binding:</u> If you are installing the Web Office server on a multi-homed computer, please select the IP address that the Web Office server will be bind to.
 - <u>NAT Router</u>: If the computer is behind a Network Address Translator (NAT) server, enter the public IP address, which can be accessed from Internet. JoinNet clients use this public IP address for connecting to the MCU meeting server. In addition, the network administrator needs to configure the NAT to forward traffic correctly.

🚇 Setup	×
Network	
 Port Binding Enter the ports which WebOffice server will bind to. WebOffice can listen to two ports simultaneously. Defaults are 2333 and 443. When port 443 is used, web server must be configured to use a different port; otherwise, a conflict will occur. 	_
1. 2333 2. 443 Change all existing web sites that are using port 443 to port 8443	
IP Binding Select the IP address which WebOffice server will bind to.	_
Auto Select - Insten IP)	
If this server is behind a NAT, enter the public IP address that people should use when visiting from Internet. JoinNet clents use this address for connecting to WebOffice server. *** Note: you must configure the NAT to forward traffic correctly. Leave this field blank if your network does not use NAT or if you are not sure. (INLIP)	
< <u>B</u> ack <u>N</u> ext > Cancel	

• <u>Step 5:</u> set up E-Mail server and administrator information.

📲 Setup	×
Email	
WebOffice can be configured to send out e-mail notifications for new message arrival and system warnings.	
— Mail Server —————	_
Enter the SMTP server which WebOffice should use to send out e-mails. The SMTP server should be configured to accept connection from this computer and allow mail relay to Internet.	
Address: homemeeting.com Port: 25 (Standard is 25)	
— Email Addresses —	
Enter the e-mail address for the "Mail From" header of all outgoing e-mails	
franktmc@homemeeting.com	
Enter the e-mail address that WebOffice system warnings will be sent to.	
franktmc@homemeeting.com	
,	
< <u>B</u> ack <u>N</u> ext > Cancel	

🚇 Setup	×
Email (continue)	
 Web Address Enter the web address (URL) for the WebOffice web site. The address will be included in e-mails for users to easily open WebOffice web site, for example: http://www.myserver.com/weboffice/ Note: The address should reflect the virtual directory and port number (if the web site does not use standard HTTP port). 	_
http://192.168.1.81/weboffice	
 New Message Alert Send e-mails to notify WebOffice owners for new message arrival. 	
< <u>B</u> ack <u>N</u> ext > Cancel	

• <u>Step 6:</u> License Key Installation. MCU meeting server can be launched only with a valid license from HomeMeeting.

Setup			
Keycode			
A keycode is required to run WebOffice contact your agent or HomeMeeting Inc	Server. If you do c.	not have a keyc	ode, please
Select the method to install keycode:			
C I will install keycode later.			
C Transfer the keycode from existing	WebOffice Server.		
Use the following keycode:			
C:\Documents and Settings\Adm	inistrator\Desktop\	WO\keycode.xn	nl B <u>r</u> owse
	< Back	Nevts	Cance
		<u>H</u> one z	
: set system password and allo	w automatic s	erver startur).
Setup		1	
System Password			
Specify a system password for WebOffi management	ce Server, You wil	l use this passwo	ord for user
• Use the following password			

O Transfer the password from existin	a server		
○ <u>→</u> ,			

•

🚇 Setup	×
Automatic Startup	
Would you like Setup to configure WebOffice Server to start automatically when Windows start?	
C No	
< <u>B</u> ack <u>N</u> ext > Cancel	

The installer is now ready to install the new Web Office server.



Web Office server allows remote management of user account via secured HTTP. Please consult your local HomeMeeting agent for more details or you can read the instruction come with the installation package.

Setup		×
Do you want to read the instruction for setting web server to use secure HTTP?		
You can read the instruction later by going to Start Menu > Program > HomeMeeting > WebOffice Server.		
	Yes No	



Installing Web Office Server with Apache HTTP Server

<u>Step 0a:</u> STOP Microsoft IIS server before installing Apache HTTP server. To stop Microsoft IIS server, right click "My Computer"→"Manage"→"Services and Applications"→"Services"→Stop "World Wide Web Publishing Service".



• <u>Step 0b:</u> copy "apache_2.0.47-win32-x86-no_ssl.msi" to your computer and double click this file to install Apache HTTP server.





1	Apache HTTP Server 2.0 - Installation Wizard	×			
	License Agreement Please read the following license agreement carefully.	\$			
		_			
	The Apache Software License, Version 1.1 🧧 🖉	-			
	Copyright (c) 2001 The Apache Software Foundation. All rights reserved.				
	Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:				
	 Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. 				
	2. Redistributions in binary form must reproduce the above copyright notice, this 📃				
	• I accept the terms in the license agreement				
	I do not accept the terms in the license agreement				
	So 1 go not accept the terms in the interise agreement				
Ir	stallShield				
	< <u>B</u> ack <u>N</u> ext > Cancel				

1	🖥 Apache HTTP Server 2.0 - Installation Wizard 🛛 🛛 🗙		
	Read This First Read this Before Running Apache on Windows.		
	Apache HTTP Server		
	What is it? The Apache HTTP Server is a powerful and flexible HTTP/1.1 compliant web server. Originally designed as a replacement for the NCSA HTTP Server, it has grown to be the most popular web server on the Internet. As a project of the Apache Software Foundation, the developers aim to collaboratively develop and maintain a robust, commercial-grade, standards-based server with freely available source code.		
	The Latest Version Details of the latest version can be found on the Apache HTTP server project page under: http://httpd.apache.org/		
Ir	nstallShield		

🙀 Apache HTTP Server 2.0 - Installation Wizard	×		
Server Information Please enter your server's information.			
Network Domain (e.g. somenet.com)			
HomeMeeting			
Server Name (e.g. www.somenet.com):			
franktmc			
Administrator's Email Address (e.g. webmaster@somenet.com):			
franktmc@homemeeting.com			
Install Apache HTTP Server 2.0 programs and shortcuts for: for <u>A</u> ll Users, on Port 80, as a Service Recommended. only for the Current User, on Port 8080, when started Manually.			
InstallShield			
< <u>B</u> ack <u>N</u>	ext > Cancel		

🙀 Apache HTTP 🤉	Server 2.0 - Installation Wizard	<
Setup Type Choose the set	tup type that best suits your needs.	*
Please select a	setup type.	
• Typical	Typical program features will be installed. (Headers and Libraries for compiling modules will not be installed.)	
C Custom Choose which program features you want installed and where they will be installed. Recommended for advanced users.		
InstallShield ———	< <u>B</u> ack <u>N</u> ext > Cancel	

🙀 Apache I	HTTP Server 2.0 - Installati	ion Wizard		×
Destinati Click Cha	on Folder ange to install to a different fol	der		
	Install Apache HTTP Server 2 C:\Program Files\Apache Gro	.0 to the folder: up\		<u>C</u> hange
InstallShield -		< <u>B</u> ack	Next >	Cancel

🙀 Apache HTTP Server 2.0 - Installation Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, exit the wizard.	click Back, Click Cancel to
InstallShield	
< <u>B</u> ack	stall Cancel



If you can browse <u>http://server_name</u> or <u>http://server_IP</u> and see the Apache's welcome web page, then Apache HTTP server is running correctly.

• <u>Step 0c:</u> install PHP script engine.



🛿 Setup 🛛 🔀
License Agreement
The PHP License, version 3.0 Copyright (c) 1999 - 2002 The PHP Group. All rights reserved.
Redistribution and use in source and binary forms, with or without modification, is permitted provided that the following conditions are met:
 Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in
By clicking [I Agree] below, you agree to be bound by all the terms and conditions of the above License Agreement. Carefully read the License Agreement before accepting. If you do not agree with any of the terms and conditions, click [Cancel] to cancel the setup process.
< <u>B</u> ack [<u>Agree</u>] <u>C</u> ancel

🚝 Setup	×
Destination Location	
Directory where Setup will install PHP 4.3.3.	
C:NPHP	Browse
Directory where Setup will Install PHP extension files.	
C:\PHP\extensions	Browse
< <u>B</u> ack <u>N</u> ext >	Cancel

🚝 Setup	×		
Web Server			
Select the web servers that you want Setup Wizard to configure to run PHP.			
Microsoft IIS			
Apache HTTP Server			
Location of apache.exe:			
C:\Program Files\Apache Group\Apache2\bin\Apache.exe	Browse		
Location of httpd.conf			
C:\Program Files\Apache Group\Apache2\conf\httpd.conf	Browse		
If you have set custom PHP settings in the web servers, you should clear all check boxes, so that Setup will not reset the settings			
< <u>B</u> ack <u>N</u> ext >	Cancel		

🚜 Setup	×
Error Handling	
Select the level of error reporting you require.	
 Report all errors, warnings, and notices. (recommended) This option is helpful for developers to debug PHP scripts. 	
 Report <u>only errors</u>. This option is useful for beginners who try to follow PHP examples from books/websites and encounter problems. 	
C Cystom settings	
,	
< <u>B</u> ack <u>N</u> ext > Cancel	

😤 Setup	×
Register Globals	
Do you want PHP to register form variables as globals?	
 No (recommended) This option is good for enchancing security and good programming practice. 	
C Yes	
This option is useful for beginners who try to follow PHP examples from books/websites and encounter problems.	
< <u>B</u> ack <u>N</u> ext > Cancel	

1	Setup	×
	Email Configuration	
	Enter the following e-mail configuration, so the mail() function can correctly send out messages.	
	SMTP server address (i.e. mail.mycompany.com)	
	homemeeting.com	
	Default "from:" address to be used in outgoing mails (i.e. auto-generated@mycompany.com)	
	franktmc@homemeeting.com	
	< <u>B</u> ack <u>N</u> ext > Cancel	

📲 Setup	×
Ready to Install	
You are now ready to install PHP 4.3.3.	
Click [Next] to begin the installation or click[Back] to reenter the installation information.	
< <u>B</u> ack <u>Next></u> Cancel	



Apache Service Monitor	
	-
APACHE	-
Service Status :	
Apache2	<u> </u>
	<u>S</u> tart
	Stop
	<u>R</u> estart
	Ser <u>v</u> ices
The Apache2 service is stopping.	<u>C</u> onnect
	Disconnect
v	E <u>x</u> it
Apache/2.0.47 (Win32)	

Installation complete and Apache HTTP server is started automatically.

- <u>Step 1:</u> same as "Installing Web Office Server with Microsoft IIS Server". Download ""setup_weboffice_server_xxx.zip"" from HomeMeeting (xxx is the version number). If Setup detects an existing Web Office server, you will be asked whether it should transfer data and setting from existing server. Whether you choose yes or no, Setup will make a backup copy of all the files in existing server in case you need to switch back to the old version. Note that recording files are not backed up due to large file size.
- Step 2: installing Sample Web. The HomeMeeting Web Office is flexible that you can deploy your own web application to work with the MCU meeting server. The Web Office installation, however, comes with a sample web application and is ready to be deployed. Setup offers several installation options: (1) install files and configure web server, (2) install files only, and (3) do not install. See the instruction as the case of Microsoft IIS server. Here, instead of choosing Microsoft IIS server as the web server, you should choose Apache HTTP Server.

🚇 Setup	×
Web Server	
Select the web server which WebOffice Server will use	
C <u>M</u> icrosoft Internet Information Server	
Apache HTTP Server	
Location of apache. <u>e</u> xe:	
C:\Program Files\Apache Group\Apache2\bin\Apache.exe	Browse
Location of httpd. <u>c</u> onf	
C:\Program Files\Apache Group\Apache2\conf\httpd.conf	Br <u>o</u> wse
< <u>B</u> ack <u>N</u> ext >	Cancel

• <u>Step 3 to Step 7</u> is identical to those for Microsoft IIS server. Again, the setup program will ask you to manually stop Apache HTTP server at the end of installation. Stop Apache and click "OK". Apache HTTP server will be launched automatically when the installation completed.

Setup		×
⚠	Please manually shutdown Apache HTTP server. Setup will restart the server for you at the end of installation.	
	Click [OK] when you finish.	
	<u>D</u> K <u>C</u> ancel	

Web Office server allows remote management of user account via secured HTTP. The standard installation package of Apache HTTP server is not equipped with secured HTTP components. The required components can be downloaded from HomeMeeting. Please consult your local HomeMeeting agent for more details or you can read the instruction come with the installation package.

Once the installation is completed, a shortcut icon "Start Web Office Server" should be displayed on the Program list. To start the Web Office server, simply click on that icon and you will see the same icon appears at the taskbar. *If the Web Office icon does not appear at the taskbar after clicking the shortcut to start the Web Office server, it is most likely that the authorization keycode is not a valid one.*



If you can browse http://server_IP:2333 or http://server_IP:443 (assuming the port number is either 2333 or 443, by default setting) and see the "WebOffice Directory" web page, then the MCU meeting server is running correctly.



Installing Web Office Server without Web Server

• <u>Step 1:</u> download ""setup_weboffice_server_xxx.zip"" from HomeMeeting (xxx is the version number).



Extract the zip file to a temporary folder and then double click

"Setup_WebOfficeServer.EXE" and follow the popup instruction to install the Web Office server..

💐 WebOffice Server 2.12.2-1				_ 🗆 ×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ool	s <u>H</u> elp			11
🖙 Back 🔹 🤿 👻 🔯 Search	Polders	3 P3 P3)	< ∽ ≣ •	
Address 🗀 C:\tmp\WebOffice Server	2.12.2-1			▼ @Go
Folders ×				
	Core	helper	manage	msxml
				2
⊕-⊡ Tomcat ⊕-⊡ WebOffice Server	regsvr32	System32	web	changes.htm
U web UINNT WUTemp				
	keycode.xml	Setup_WebOf ficeServer.EXE		
Type: Application Size: 155 KB		155 KB	🖳 My Compu	uter //.

📲 Setup 🛛 🗙
HomeMeeting WebOffice Server 2.12.2 Rev 1
This program will install WebOffice Server on your computer. It is strongly recommended that you exit all Windows programs before running this Setup Program. Click Cancel to quit Setup and close any programs you have running. Click Next to continue with the Setup program.
to continue with the Setup program
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Cancel

🖓 Setup	×
License Agreement	
Please read the following License Agreement. Use the scroll bar or press the Page Down key to view the rest of the agreement.	
END USER LICENSE AGREEMENT FOR HOMEMEETING SOFTWARE	
THIS IS A CONTRACT. BY INSTALLING HOMEMEETING SOFTWARE AND IN FURTHERANCE OF THE FOREGOING OBJECTIVES, THE PARTIES HERETO ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT.	
1. DEFINITIONS	
1.1 "HomeMeeting Software" means collectively the HomeMeeting Server Software	
Do you accept all the terms of the preceding License Agreement? If you choose No, Setup will exit. To install WebOffice Server, you must accept this agreement.	
< <u>B</u> ack <u>Yes</u> <u>No</u>	

🚇 Setup	×
Installation Directory	
Enter the <u>directory</u> where Setup will install HomeMeeting WebOffice Server 2.12.2 Rev 1.	
C:\Program Files\HomeMeeting\WebOffice Server	
C:\ Program Files HomeMeeting JoinNet Messenger mmc WebOffice Server	
🖃 c: win2000 💌	
< <u>B</u> ack <u>N</u> ext > Cancel	

• <u>Step 2:</u> do not install web template and management.

🚇 Setup	×
Web Template & Management	
WebOffice comes with a set of web template and management tool, would you like Setup to install and configure them?	
— Web <u>T</u> emplate —	
Web template shows you how to create custom web pages to work with WebOffice Server.	
Do not install	
Vich Management	
Web manage allows administrators to remotely manage WebOffice	
Server through browser	
Do not install	
 Choosing "install files" will cause all existing files be overwritten. 	
Choosing "install files and configure web server" will cause certain web server	
properties be reset (i.e. in address restriction), certaineate setting).	
< Back Next > Cancel	
	1

• <u>Step 3:</u> your company will NOT be displayed. Specify the data directories.

📲 Setup 🛛 🗙
Company Name
Enter company's English name to be shown on WebOffice web site.
To specify a name in other languages (e.g. Chinese), you may edit resource.xml file manually after the installation
In addition to text, a logo can be displayed by entering a HTML image tag. Note, you must enter the tag in XML format, for example:

HomeMeeting Inc.
< <u>B</u> ack <u>N</u> ext > Cancel

🚝 Setup	×
Directories	
 Data Folder (This value is preset if you selected to install web templates.) WebOffice data I and JNJ) will be stored in this folder. Web Server should be configured and link folder. This folder must be accessibled by IUSER account. 	files (XML is to this
C:\Program Files\HomeMeeting\WebOffice Server\jnj Files	Browse
 Recording Folder Recorded meeting files (JNR) will be stored in this folder. Since recording files a should set the recording folder to a drive which has large free disk space. C:\Program Files\HomeMeeting\WebOffice Server\recording 	are big, you Browse
 Log Folder System log files will be stored in this folder. 	
C:\Program Files\HomeMeeting\WebOffice Server\log	Browse
< <u>B</u> ack <u>N</u> ext >	Cancel

• <u>Step 4:</u> network settings for port number and server IP address.

🚰 Setup	×
Network	
 Port Binding Enter the ports which WebOffice server will bind to. WebOffice can listen to two ports simultaneously. Defaults are 2333 and 443. When port 443 is used, web server must be configured to use a different port; otherwise, a conflict will occur. 	
1. 2333 2. 443 ☑ Change all existing web sites that are using port 443 to port 8443	
- IP Binding	_
Select the IP address which WebOffice server will bind to.	
- Auto Select - (Listen IP)	
- Network Address Translation (NAT) Router	
If this server is behind a NAT, enter the public IP address that people should use when visiting from Internet. JoinNet clents use this address for connecting to WebOffice server. *** Note: you must configure the NAT to forward traffic correctly. Leave this field blank if your network does not use NAT or if you are not sure. (JNJ IP)	
< <u>B</u> ack <u>N</u> ext > Cancel	

• <u>Step 5:</u> set up E-Mail server and administrator information.

월 Setup	×
Email	
WebOffice can be configured to send out e-mail notifications for new message arrival and system warnings.	
— Mail Server ————	_
Enter the SMTP server which WebOffice should use to send out e-mails. The SMTP server should be configured to accept connection from this computer and allow mail relay to Internet.	
Address: homemeeting.com Port: 25 (Standard is 25)	
— Email Addresses ————	
Enter the e-mail address for the "Mail From" header of all outgoing e-mails.	
franktmc@homemeeting.com	
Enter the e-mail address that WebOffice system warnings will be sent to.	
franktmc@homemeeting.com	
,	
(Dark Ninks Consel	1
< <u>b</u> ack <u>N</u> ext> Lancel	

覺 Setup	×
Email (continue)	
 Web Address Enter the web address (URL) for the WebOffice web site. The address will be included in e-mails for users to easily open WebOffice web site, for example: http://www.myserver.com/weboffice/ 	_
Note: The address should reflect the virtual directory and port number (if the web site does not use standard HTTP port).	
http://192.168.1.81:2333	
 New Message Alert Send e-mails to notify WebOffice owners for new message arrival. 	
< <u>B</u> ack <u>N</u> ext > Cancel	

• <u>Step 6:</u> License Key Installation.

🖓 Setup 🔀
Keycode
A keycode is required to run WebOffice Server. If you do not have a keycode, please contact your agent or HomeMeeting Inc.
Select the method to install keycode:
C I will install keycode later.
C Transfer the keycode from existing WebOffice Server.
Use the following keycode
C:\Documents and Settings\Administrator\Desktop\W0\keycode.xml
< <u>B</u> ack <u>N</u> ext > Cancel

• <u>Step 7:</u> set system password and allow automatic server startup.

🖓 Setup	×
System Password	
Specify a system password for WebOffice Server. You will use this password for user management.	
Use the following password	
C Iransfer the password from existing server	
< <u>B</u> ack <u>N</u> ext > Cancel	1

🚝 Setup	×
Automatic Startup	
Would you like Setup to configure WebOffice Server to start automatically when Windows start?	
Yes (recommended)	
⊙ No	
< <u>B</u> ack <u>N</u> ext > Cancel	



To view the web office directory, you can browse http://server_IP:2333 or http://server_IP:443 (assuming the port binding number is either 2333 or 443, by default setting).



MCU Configuration Settings

In order to accommodate deployment flexibility, the Web Office MCU servers can be configured through a set of parameters in the configuration file "configm.ini" in the directory "~HomeMeeting\Web Office Server". See Appendix B for more details. Each parameter comes with a default (and sometimes recommended) values. These parameters are only read in when the MCU meeting servers start. That is, if modify the parameters, you need to restart the meeting server. Here are some important parameters categorized in terms of their relative functional sets:

Directories:

- **recording=.\recording** Set the recording file directory. Recording files will be written to this directory.
- webdir=.\jnj Files Set the web page directory. MCU-generated JNJ, HTML, and XML files will be written to this directory.
- log=.\log

Set the Log file directory. All the MCU logging data will be save in this directory.

- MCU_<year>_<month>.XML: monthly archive
- W_daily.XML: daily activity
- MCU_event_log__<year>_<month>.TXT: MCU system log
- MCU_email_selflog__<year>_<month>.TXT: MCU email log (to report server)

Ports:

- **portm=2333** Set the listening port for JoinNet clients.
- **portm2=443** Set the backup listening port for JoinNet clients
- **portm_multicast=2333** Set the port number for multicast packets.

IP Addresses:

• listenip=

This is the IP address of the MCU meeting server and it has to match the IP address of "Fixed Server IP" in the license file (keycode.xml) to launch MCU successfully.

• jnj_ip=

This IP address setting is used to generate the IP address in the JNJ file that is then used by JoinNet to locate the MCU meeting server. Therefore, this IP address of the multi-homed computer is usually the public IP that can be accessed by external users.

• backupip=

This is available for MMC system, not Web Office, to setup one or more backup MCU meeting servers to continue providing meeting service in case the primary MCU meeting server is down or is put down for maintaining.

Miscellaneous:

• bandwidth=24000

Set the maximal bandwidth that this MCU support. The default value is 24000 (24Kbps). Currently allowable bandwidth setting is restricted between 10000 and 5000000 (10Kbps and 5Mbps).

• banned_text=

Set the filter text file name. This setting points to a text file. Any text chat that contains text which is in this text file will be filtered out by MCU.

- size_w=176
- size_h=144

Set the video size. Note that the USB cameras at the client side need to support this size (format) in order to capture and send video. The default is 176x144, with another option of 320x240. Popular video sizes are 352x288, 160x120, and 320x240. If a camera support 640x480 format, JoinNet will cut the image to fit either 176x144 or 320x240.

Proxy:

- http_proxy=test.proxy.com,8080
- https_proxy=test.proxy.com,8080
- socks=asdf.aer.qe.com,1080

Set the IP addresses and the port number of HTTP/HTTPS/SOCKS proxy. This proxy is used for the MCU to connect to the Authorization server and send usage report to the Report server when the MCU is behind a proxy. The default port number is 80 for HTTP proxy; 443 for HTTPS proxy; and 1080 for SOCK proxy.

URL's:

- mcu_homepage=http://weboffice.homemeeting.com This homepage will appear in the content of the notification email. This applies only to WebOffice server.
- **default_joint_browsing_page=http://www.homemeeting.com** This sets the default Joint Browsing web page. If this item is set, all users in all sessions will receive this page as the first page in the joint-browsing window.
- **download_page= http://www.homemeeting.com/en_US/software/joinnet.asp** The URL to download JoinNet if upgrade is needed.

E-mail:

• email_notify=1

When set to 1, MCU will send email notification the owner if there is a new WebOffice message, or the owner's total recording file size exceeds the disk quota.

• email_notify_sender=

This email will be used as the sender in the message notification email.

- email_server= Set the email server (SMTP server) [IP address, Port number].
- admin_email=

Set the MCU system administrator's email address, system level warning, such as insufficient disk space, will be sent to this email address.

User Parameters:

- default_max_guest=10
- default disk quota=10
- grace disk quota=20

These parameters limit each user or each group on the number of guests (connections) and the total recording files sizes. The disk quota is specified in Mega Bytes. The "grace_disk_quota" parameter is in terms of percentage, which allows a user (or a group) can go over the limit by as much as the specified percentage before any further recording is suspended. Note that these are just default values when creating an account and can be modified the administrator after an account is created.

Desktop Sharing:

- app_data_rate=24000 Set the max data rate in bps for application data channels default value is 24000
- app_burst_size=1000 Set the max burst size in bytes for application data channels default value is 1000
- allow_app_recording=1 Set whether the data in application data channels can be recorded (0 or 1.) Default value is 0 (recording is not allowed by default).

Note: The higher the bandwidth setting will result in better video quality, but the bandwidth for audio transmission remains 10 Kbps. Moreover, since the bandwidth setting is for the connection bandwidth for each user, the higher the bandwidth setting also results in less number of concurrent connections under the same total bandwidth. For example, if your company has an outside connection of 512 Kbps, changing from 24 Kbps to 64 Kbps will reduce the number of outside connection from about 21 to 8 for a good meeting quality. You shall better know the total bandwidth available for online meeting before setting a higher value than 24000.