
How to install RPC over HTTP in Outlook

Prerequisites: Outlook 2003. Windows XP, SP2.

1. If your browser does not automatically accept the security certificate for <https://mail.uchastings.edu/exchange>, you cannot use RPC over HTTP.
2. In which case, you need to *install the SSL certificate named mailcert.cer*. You can download the certificate here: http://www.uchastings.edu/site_files/it/mailcert.cer.
3. Test that the certificate works by going to <https://mail.uchastings.edu/exchange>. If you are taken to the logon box without having to deal with any security certificate warnings, etc., you are OK.
4. If by any chance your Windows XP is only at the SP1 level, either upgrade to SP2 or install the hotfix at KB3331320.

The following section is from Microsoft documentation, with custom information entered for UC Hastings:

Creating an Outlook Profile to Use with RPC over HTTP

For your users to use RPC over HTTP from their client computer, they must create an Outlook profile that uses the required RPC over HTTP settings. These settings enable Secure Sockets Layer (SSL) communication with Basic authentication, which is required when using RPC over HTTP.

Although optional, it is highly recommended that you use the "Use Cached Exchange Mode" option for all profiles that will connect to Exchange using RPC over HTTP.

To create an Outlook profile to use with RPC over HTTP

1. Click **Start** and then click **Control Panel**.
2. In **Control Panel**, do one of the following tasks:
 - If you are using **Category View**, in the left pane, under **See Also**, click **Other Control Panel Options**, and then click **Mail**.
 - If you are using **Classic View**, double-click **Mail**.
3. In **Mail Setup**, under Profiles, click **Show Profiles**.
4. In **Mail**, click **Add**.
5. In **New Profile**, in the **Profile Name** box, type a name for this profile, and then click **OK**.
6. In the **E-mail Accounts** wizard, click **Add a new e-mail account**, and then click **Next**.
7. On the **Server Type** page, click **Microsoft Exchange Server**, and then click **Next**.
8. On the **Exchange Server Settings** page, do the following steps:
 - a. In the **Microsoft Exchange Server** box, type the name of your back-end Exchange server where your mailbox resides: **win2k3i.uchastings.local**
 - b. Select the check box next to **Use Cached Exchange Mode** (optional, recommended).
 - c. In the **User Name** box, type the user name.

d. Click **More Settings**.

Note At this stage, the client application attempts to resolve the username on the Exchange server. If you cannot access your Exchange back-end server directly using TCP/IP [which will be the case when you're at home], this operation will time out and present a dialog box to confirm your username and mailbox. **Click Cancel on this dialog box.**

a. On the **Connection** tab, in the **Exchange over the Internet** pane, select the **Connect to my Exchange mailbox using HTTP** check box.

b. Click **Exchange Proxy Settings**.

9. On the **Exchange Proxy Settings** page, under **Connections Settings**, do the following steps:

a. Enter the fully qualified domain name (FQDN) of the RPC proxy server in the **Use this URL to connect to my proxy server for Exchange** box.

mail.uchastings.edu

b. Select the **Connect using SSL only** check box.

c. Next, select the **Mutually authenticate the session when connecting with SSL** check box.

d. Enter the FQDN of the RPC proxy server in the Principle name for proxy server box. Use the format: **msstd:FQDN of RPC Proxy Server**.

msstd:mail.uchastings.edu

be sure there is no extra space in this line

e. As an optional step, you can configure Outlook 2003 to connect to your Exchange server using RPC over HTTP by default by selecting the check box next to **On fast networks, connect to Exchange using HTTP first, then connect using TCP/IP**.

10. On the **Exchange Proxy Settings** page, in the **Proxy authentication settings** window, in the **Use this authentication when connecting to my proxy server for Exchange** list, select **Basic Authentication**.

11. Click **OK**.

Please note: every one of these settings has to be exactly right, or it will not work.

A possible quirk:

Chris Knowlton already had one Outlook profile (it was called "Corel 8 settings").

When I was prompted at the startup of Outlook to choose either Corel 8 settings or the new profile I had created for RPC over HTTP, I had to choose Corel 8 settings – if I started by choosing the RPC over HTTP settings, it always failed to work. When I chose Corel 8 settings and hit "cancel", I was then prompted to enter the password for the RPC over HTTP profile, and the connection worked immediately.