How to Create an Outlook Profile for Users to Use with RPC over HTTP

Setting up Outlook to use remote procedure call (RPC) over HTTP (web protocol) allows use of the full features of Outlook from a remote computer with only an internet connection. A direct connection to the local CABNR network (using VPN, etc.) is not required. This is the ideal set up for those that wish to access mail from a home computer or other remote location and still enjoy the same full Outlook features available from a local connection in the office. It should be noted that this type of connection is only practical when a DSL or better connection is available. It is probably not going to be very functional via a modem connection though it should still work.

For 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 which is required when you use RPC over HTTP.

Before you begin, confirm the following:
- You are running the following on the client computer (home or remote):
  - Microsoft Windows® XP with Service Pack 2 or higher (go to Control Panel and System to confirm).
  - You are running Outlook 2003 or 2007 on the client computer.

Procedure

To create an Outlook profile for users to use with RPC over HTTP
(see To modify an existing Outlook profile... on page 2 if you are not creating a new profile)

1. On the client computer where Outlook 2003 is installed, click Start, and then click Control Panel.
2. In Control Panel, perform 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. For 2003, in the E-mail Accounts wizard, click Add a new e-mail account, and then click Next. For 2007, check the box "Manually configure server...".
7. For 2003, on the Server Type page, click Microsoft Exchange Server, and then click Next. For 2007, select "Microsoft Exchange".
8. On the E-mail Accounts page, do the following:
   1. In the Microsoft Exchange Server box, type the fully qualified domain name (FQDN) of your back-end Exchange server where your mailbox resides.
      - Note
      In our case the FQDN of our Microsoft Exchange Server is: agnt-mail.agnt.unr.edu
   2. Click to clear the Use Cached Exchange Mode check box. Do not use cached mode.
   3. In the User Name box, type the login name of your CABNR user account. Usually the first part of your email address (Ex. jdoe).
   4. Click More Settings.
      - Note
      At this stage, the client application attempts to resolve the user name on the Exchange server. This operation will time out (be patient, this may take a minute or two) and present a dialog box that prompts you to confirm your user name and mailbox. Click Cancel on this dialog box.
9. In the **Microsoft Exchange Server** dialog box, do the following:
   1. On the **Connection** tab, in the **Connection** pane, select either **Connect using my Local Area Network (LAN)** or **Connect using Internet Explorer's or a 3rd party dialer**. Select the connection type based on the method that you use to connect to the Internet.
   
   ![Note](Note.png)
   
   For most on DSL or other high speed connections this will be the **LAN** option.
   2. On the **Connection** tab, in the **Exchange over the Internet** pane, select the **Connect to my Exchange mailbox using HTTP** check box.
   3. Click **Exchange Proxy Settings**.

10. In the **Exchange Proxy Settings** dialog box, in the **Connections Settings** pane, perform the following steps:
   1. Enter the FQDN of the RPC proxy server in the **Use this URL to connect to my proxy server for Exchange** box.
   ![Note](Note.png)
   
   In our case the FQDN of the RPC proxy server is: **agnt-mail.agnt.unr.edu**.
   2. Select the **Connect using SSL only** check box.
   3. Do not enable mutual authentication.
   4. Configure Outlook 2003 to connect to your Exchange server by default by using RPC over HTTP. To do this, select the check box next to **On fast networks, connect to Exchange using HTTP first, then connect using TCP/IP** and select the check box next to **On slow networks, connect to Exchange using HTTP first, then connect using TCP/IP**.

11. In the **Exchange Proxy Settings** dialog box, in the **Proxy authentication settings** pane, in the **Use this authentication when connecting to my proxy server for Exchange** list, select **Basic Authentication**.

12. Click **OK** in the **Exchange Proxy Settings** box, click **OK** in the **Microsoft Exchange Server** box, click **Next** on the **E-mail Accounts** page, click **Finish** to close the wizard, and then click **OK**.

   ![Note](Note.png)
   Go to the end of this document to see how the completed configuration screen should look.

When you start Outlook after setting up your RPC over HTTP profile you will be prompted for your CABNR login (user name & password). This is for obvious security reasons. When entering your login name also include the domain name in the form: agnt\username (Ex. agnt\jdoe). This will ensure that your login is validated properly.

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**To modify an existing Outlook profile for users to use with RPC over HTTP**

1. Use either Control Panel or Outlook to open the **E-Mail Accounts** wizard.

   To open the **E-Mail Accounts** wizard using Control Panel, do the following:
   1. On the client computer where Outlook 2003 is installed, click **Start**, and then click **Control Panel**.
   2. In **Control Panel**, perform 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**.
   1. In **Mail Setup**, under **Profiles**, click **Show Profiles**.
   2. In **Mail**, click the profile that you want to change, and then click **Properties**.
   3. In **Mail Setup**, click **E-mail Accounts**.

   To open the **E-Mail Accounts** wizard using Outlook, do the following:
   1. In Outlook, on the **Tools** menu, click **E-Mail Accounts**.
   2. In the **E-mail Accounts** wizard, click **View or change existing e-mail accounts**, and then click **Next**.
3. On the E-mail Accounts page, select the Microsoft Exchange Server account, and then click Change.
4. On the Exchange Server Settings page, click More Settings. Go to step 9 in "To create an Outlook profile for users..." in the first part of this document.

Correctly Completed Exchange Proxy Settings screen

![Exchange Proxy Settings](image-url)