



PRE-INSTALLATION CONSIDERATIONS

MSExchange

This section describes the requirements and procedures you to fulfill before installing KROSBÉY Exchange Backup.

Installation Requirements

Make sure the Exchange Server meets the following requirements:

- Windows 2000 Server
 - Service Pack 4
 - .NET Framework 2.0

- Exchange 2000
 - Service Pack 3 for Exchange 2000 Server

- Windows Server 2003
 - Service Pack 1

- Exchange Server 2003
 - Service Pack 2

- Windows Server 2003 x64

- Exchange Server 2007

- Microsoft Active Directory

Circular Logging

Make sure the Exchange Server uses circular logging. The Exchange Server stores data in databases. To commit this data to the database, the Exchange Server writes each transaction to a transaction log. In the background, these transaction logs are committed to the database. The Exchange Server has a circular logging option that, when enabled, limits the amount of disk space used by these transaction logs. Since KROSBÉY technology is based on Continuous Data Protection, the changes are also directly sent to the KROSBÉY Storage Server. In case of a disaster, data can be restored to the last working state, without the usage of the Exchange transaction logs. If circular logging is disabled, the size of the log files may increase very fast, without being useful.

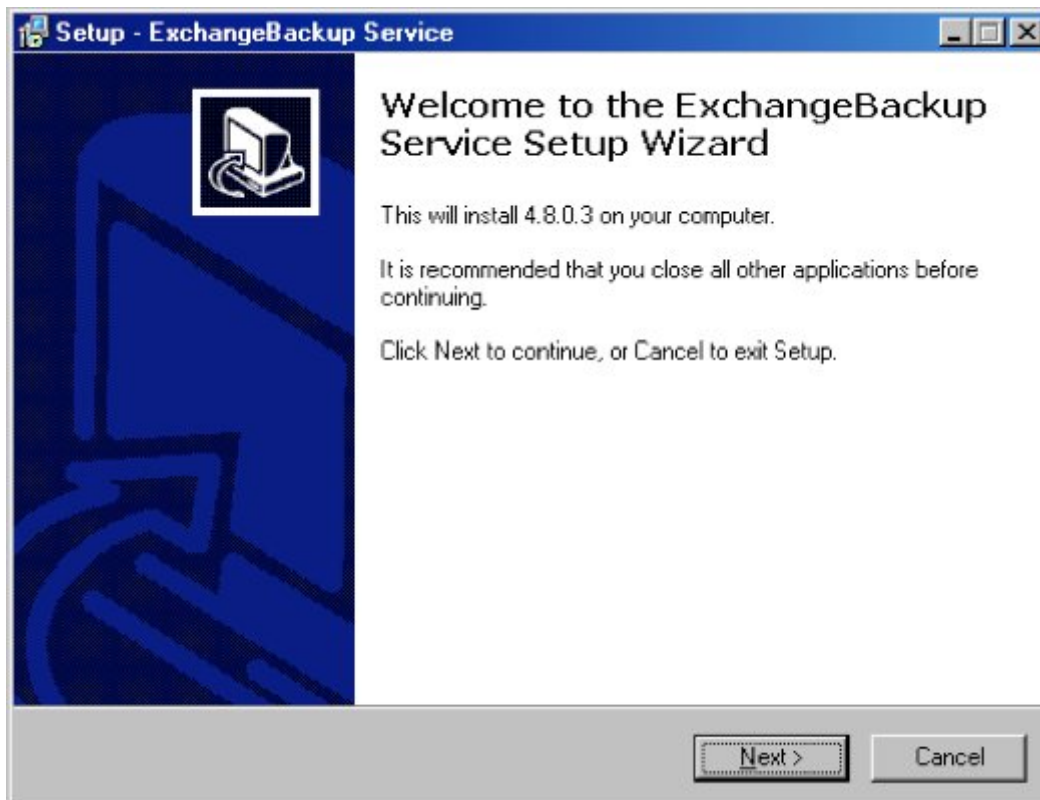
Go to:

- Start
- Programs -> Microsoft Exchange -> System Manager
- Expand Server, right-click the storage group that you want to change, and then click Properties.
- In the Properties dialog box, click to select or clear the Enable Circular Logging check box to turn circular logging on or off.
- Click OK. When you are prompted to confirm that you want to continue, click Yes.
- Restart the Microsoft Exchange Information Store service. To do this, follow these steps:
 - a. Click Start, point to Programs, point to Administrative Tools, and then click Services.
- In the right pane, click Microsoft Exchange Information Store. Then, click Restart on the Action menu. If you receive a message that other services will also be restarted, click Yes.

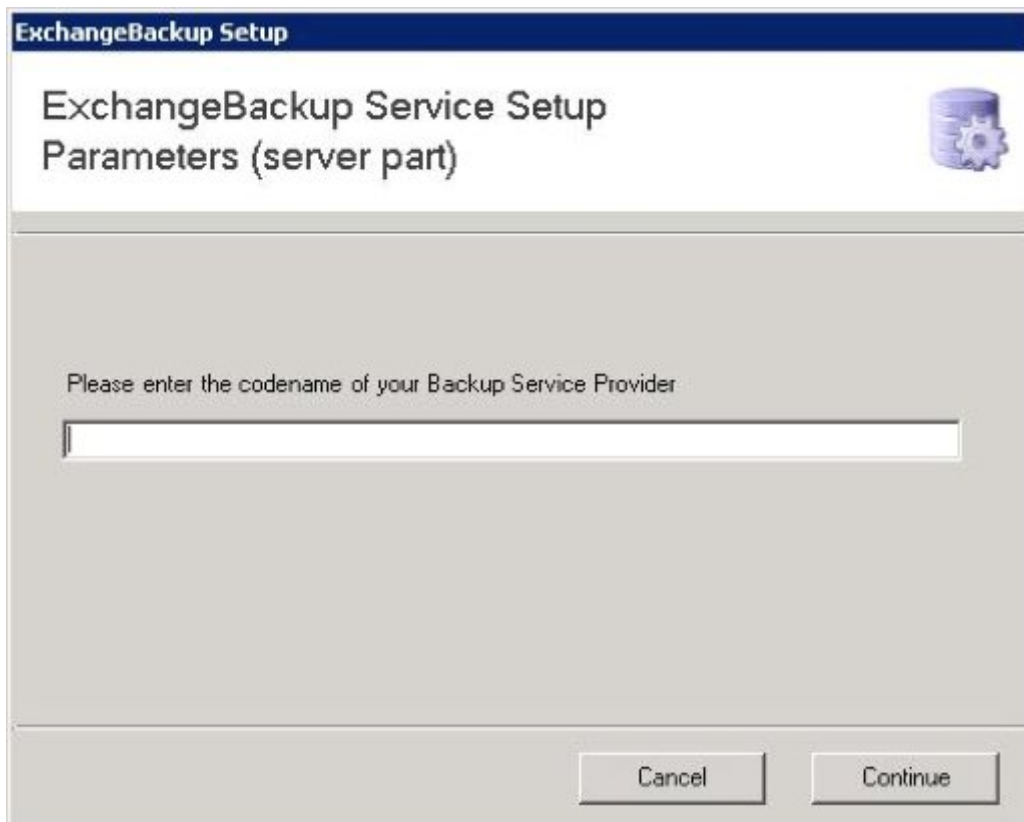
INSTALLATION OF KROSBÉY EXCHANGE BACKUP SERVICE

To start installation of KROSBÉY Exchange Backup Service, run the ExchangeSetup.exe file and follow the instructions of the Exchange Backup Service Setup Wizard that has the following steps:

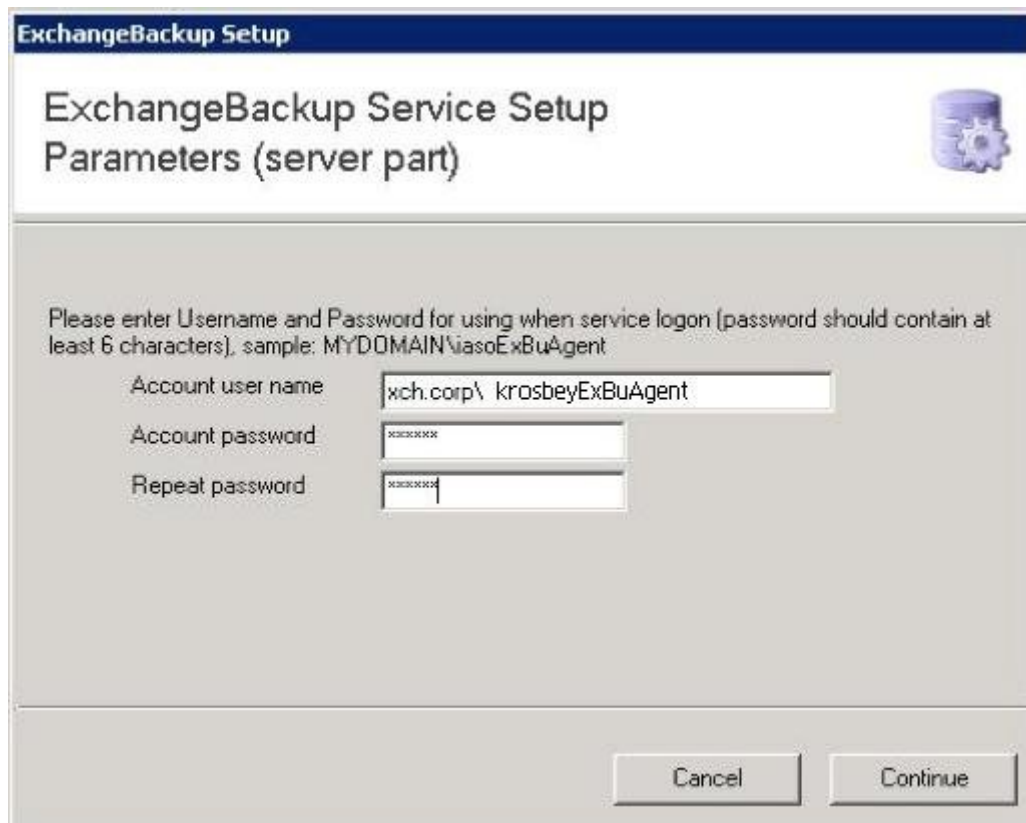
1. Once the Welcome window of the setup wizard appears, click Next.



2. Enter the codename of your Backup Service Provider (krosbeybackup).



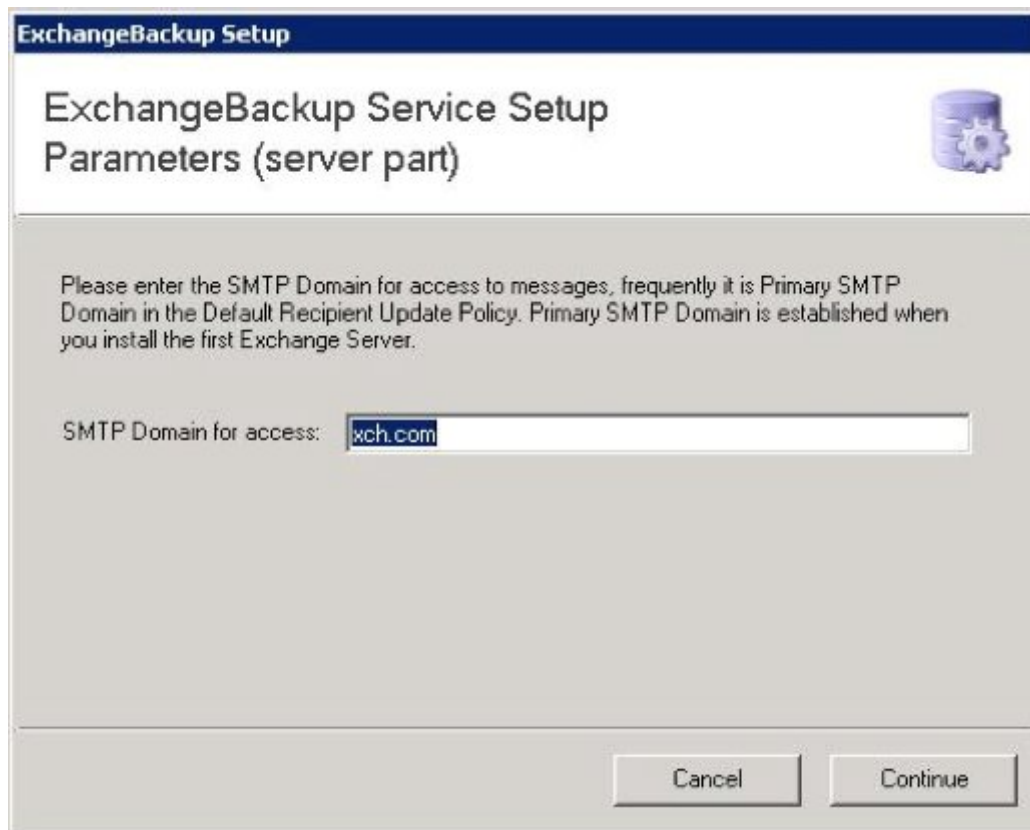
3. Enter the Active Directory username, for example, DOMAIN\KROSBEYExBuAgent, and password that will be used for running Exchange Backup Service (sufficient rights).



The image shows a Windows-style dialog box titled "ExchangeBackup Setup" with a subtitle "ExchangeBackup Service Setup Parameters (server part)". The dialog contains a text instruction: "Please enter Username and Password for using when service logon (password should contain at least 6 characters). sample: MYDOMAIN\iasoExBuAgent". Below this are three input fields: "Account user name" with the text "xch.corp\ krosbeyExBuAgent", "Account password" with "xxxxxxx", and "Repeat password" with "xxxxxxx". At the bottom right are "Cancel" and "Continue" buttons.

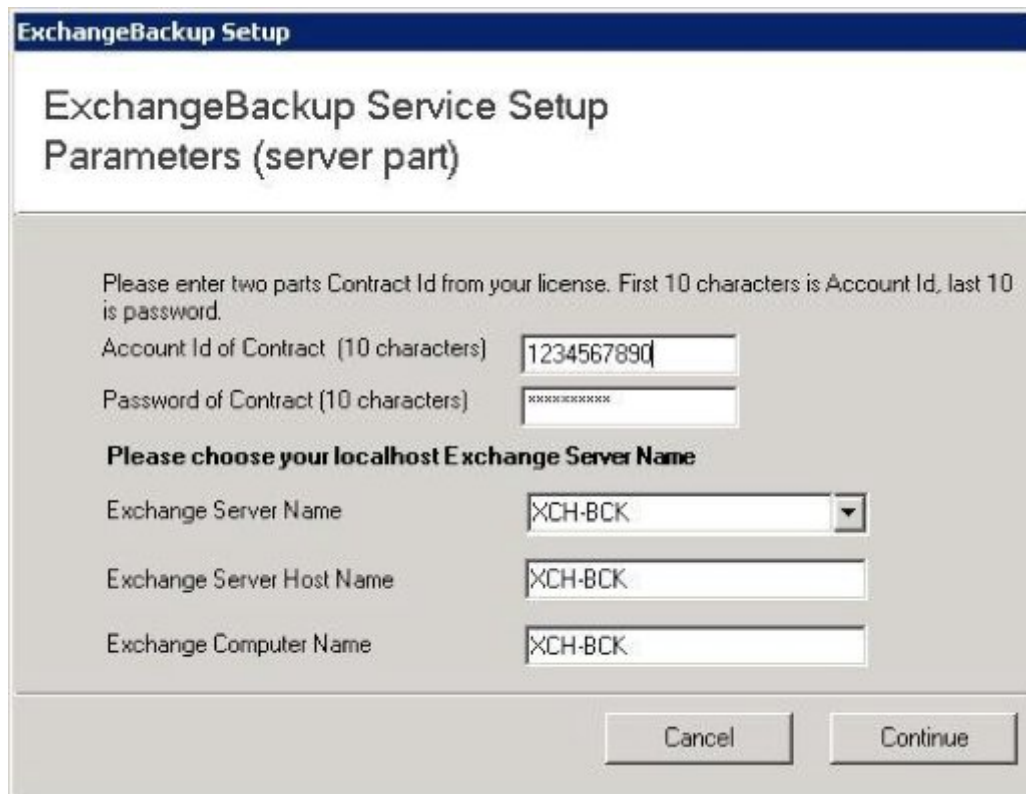
4. Enter your default SMTP domain, for example, company.com.

Note: To check the name of the SMTP domain, on the Start menu, select All Programs -> Microsoft Exchange -> System Manager. In System Manager, go to Recipients -> Recipient Policies -> Default Policy. There you will see the bold-printed domain name that has to be used for installation.



5. Provide the details of your contract and Exchange Server.

- Account ID of Contract and Password of Contract: Enter the ID and password of your KROSBÉY account.
- Exchange Server Name: Provide the exact name of your Exchange Server (If you are not sure about the name, select Start->All Programs-> Microsoft Exchange-> System Manager. Then expand the Servers node and use the child node name as the name of the Exchange Server). In case there is more than one exchange server at the domain, select your localhost server from a combo box with all the servers.
- Exchange Server Host Name: Enter the host name of your Exchange Server.
- Exchange Computer Name: Enter the full name of your computer (refer to My Computer-> Computer Name).



The image shows a Windows-style dialog box titled "ExchangeBackup Setup" with a subtitle "ExchangeBackup Service Setup Parameters (server part)". The dialog contains the following fields and instructions:

- Instruction: "Please enter two parts Contract Id from your license. First 10 characters is Account Id, last 10 is password."
- Field: "Account Id of Contract (10 characters)" with the value "1234567890".
- Field: "Password of Contract (10 characters)" with masked characters "XXXXXXXXXX".
- Section header: "Please choose your localhost Exchange Server Name".
- Field: "Exchange Server Name" with a dropdown menu showing "XCH-BCK".
- Field: "Exchange Server Host Name" with the value "XCH-BCK".
- Field: "Exchange Computer Name" with the value "XCH-BCK".
- Buttons: "Cancel" and "Continue" at the bottom right.

6. In the dialog boxes that appear, answer Yes to the questions.
7. Wait till the wizard installs the application.
8. Click Finish to exit the installer.

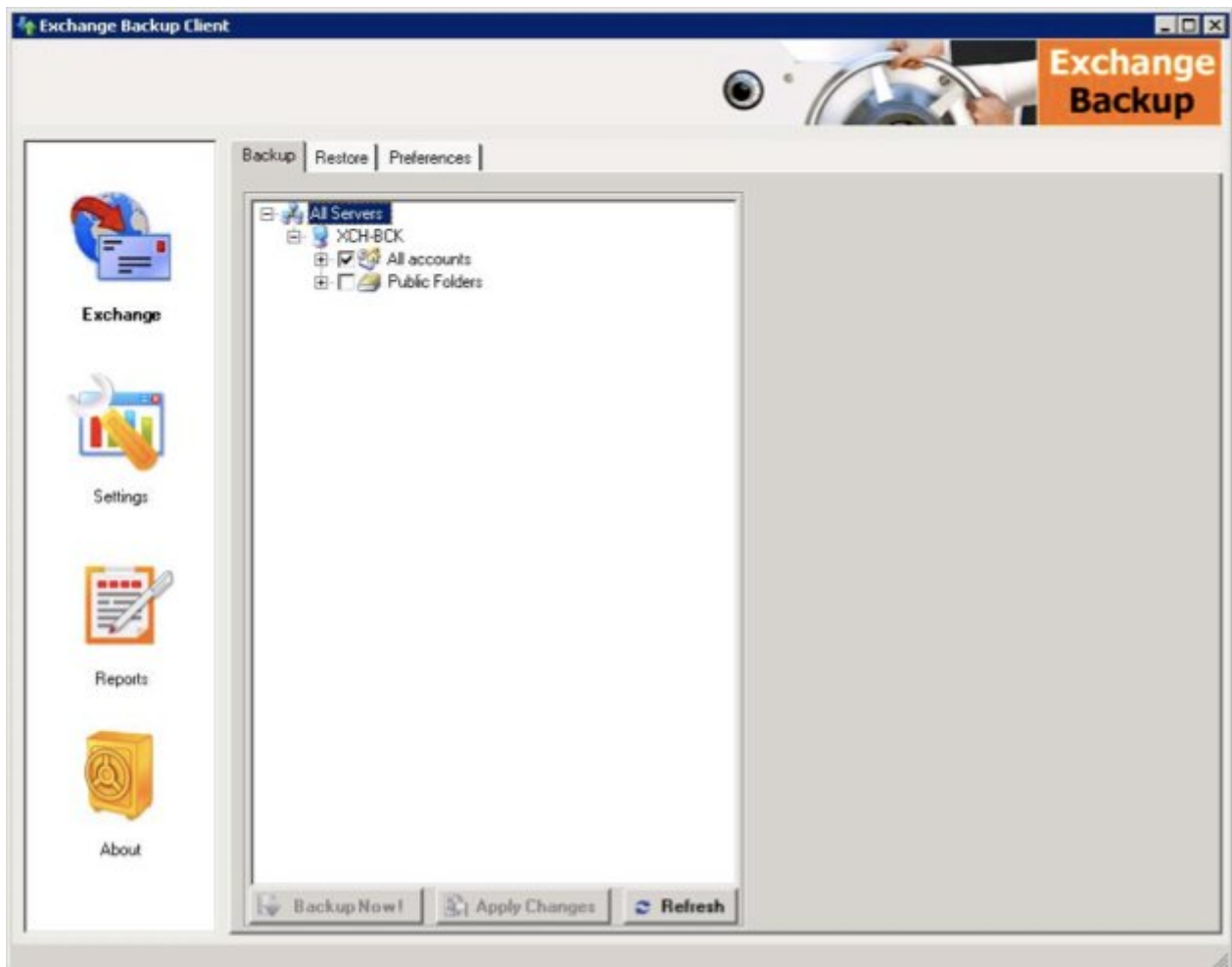
CONFIGURATION OF EXCHANGE BACKUP CLIENT

Changing Default Backup Selection

By default, Exchange Backup Service is set to "Continues Data Protection"(non-stop backup), with all accounts and their content selected for backup. You can change this setting in Exchange Backup Client.

To change the backup selection:

1. Click the Exchange icon on the navigation bar.
2. The Backup tab of Exchange section displays a treelike list of all available accounts that you can select for backup by clicking the checkboxes to the left. To expand the branches of the tree, click the plus sign displayed on the left of each user account.



If there is no plus sign next to an account, it means that a Simple Mail Transfer Protocol (SMTP) address is not specified for the user. In this case you have to configure e-mail address settings as described in the sub-section below.

Configuring SMTP E-mail Addresses

Each user must have at least one primary SMTP address in the form `username@SMTPdomain`. By default, all e-mail addresses are based on the e-mail address policy defined in Exchange System Manager, which specifies the local part of an e-mail address (the name that appears before the at sign (@)) and a default accepted SMTP domain.

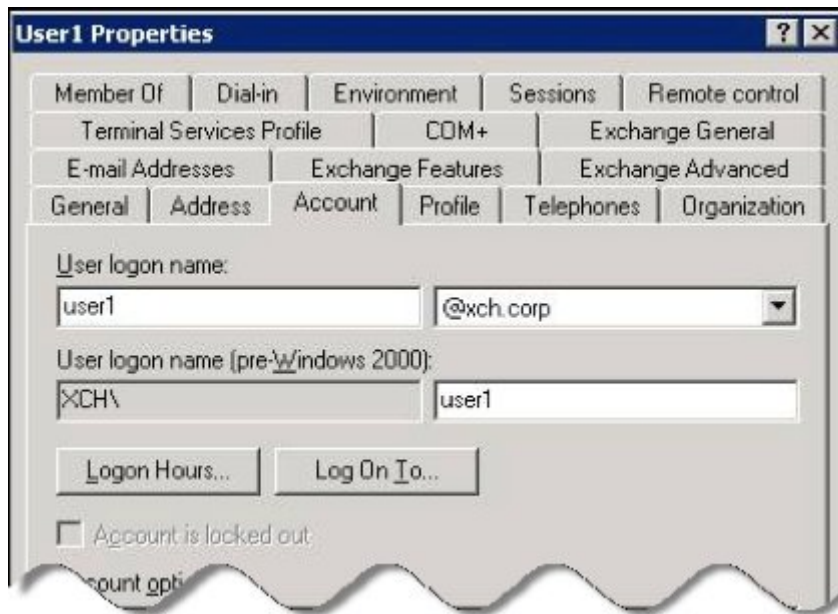
To view the details of the e-mail address policy, complete the following steps:

1. On the Start menu, select All Programs -> Microsoft Exchange -> System Manager.
2. In the left pane of the Exchange System Manager window, select Recipients -> Recipient Policies -> Default Policy.
3. In the Default Policy Properties dialog box, select the E-mail Addresses (Policy) tab.

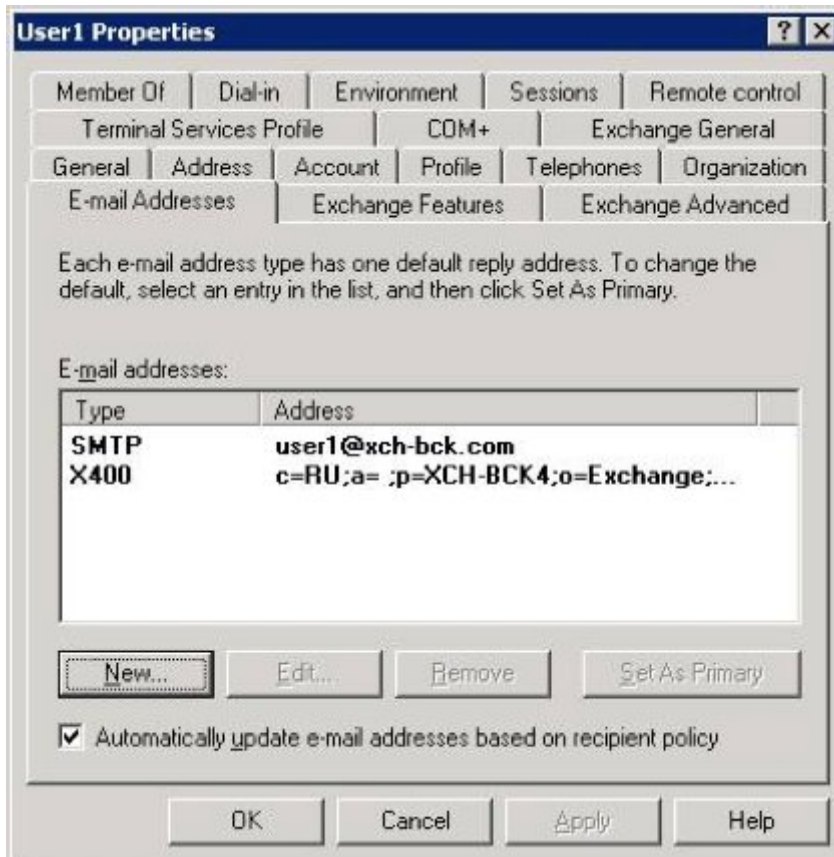
Using the default domain, you can create a new e-mail address.

To create an e-mail address:

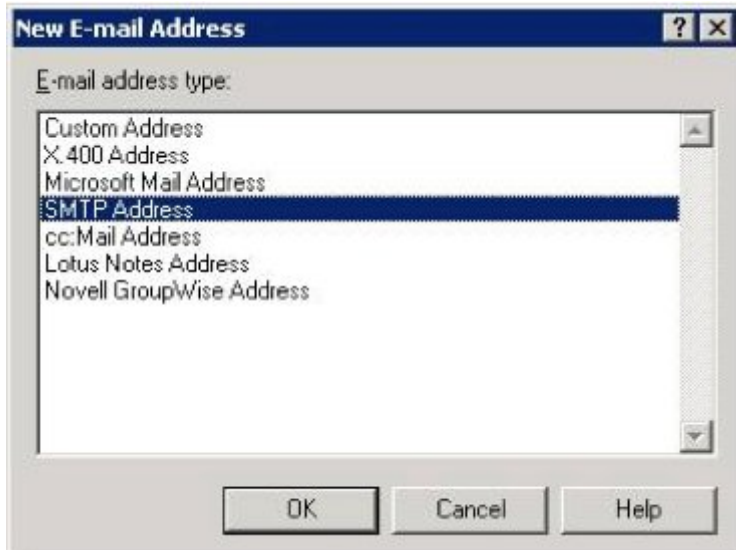
1. Start Active Directory Users and Computers.
2. Select the Users directory in the left pane. In the list of users that opens in the main workspace, right-click a user and select Properties on the context menu.
3. Select the Account tab, where you see the login name of the user. Copy the information available in the User logon name fields.



4. On the E-mail Addresses tab, click New to add a new e-mail address.



5. In the New E-mail Address dialog box that appears, select the SMTP Address option.



6. In the Internet Address Properties dialog box, enter the e-mail address and click OK.

Setting Security Permissions (Exchange 2007 Only)

For security reasons, access to the backup tree can be restricted. In this case, inaccessible items do not have the plus sign displayed next to them.

To get access to all accounts in the backup tree, run the following command in the Exchange Management console:

```
Get-Mailbox | Add-MailboxPermission -AccessRights FullAccess -user "User" where "User" is the account username you have entered in step 3 of the Exchange Backup Service Setup Wizard.
```

Click Refresh on the backup tab to apply the full access permission. Soon afterwards the plus sign appears next to the items in the backup tree, indicating that you have access to them.

Configuring Global Settings of Exchange Backup

To access the global settings, click the Settings icon on the navigation bar.

In the right pane of the workspace, you can configure the following options:

- Change the backup frequency.
- Configure e-mail notification options.
- Modify view options for the Restore sub-section.
- Specify a log retention period.

After changing the settings, click Apply Changes.

Exchange Backup Client

Exchange Backup

Exchange

Settings

Reports

About

All Servers

- XCH-BCK

Backup Frequency: Daily during a time interval

Backups activity time

From: 19:00 To: 06:00

Notification e-mail:

Notify on backup start Notify on backup error Notify on backup stop

Server statistics

| | |
|--------------------------|-----------------|
| Number of users: | 63 |
| Number of folders: | 732 |
| Number of messages: | 64872 |
| Total uncompressed size: | 9 395 600 250 B |

Restore tree properties

Show deleted accounts

Logs settings

Delete logs older than 2 days

Refresh

Apply Changes

ExchangeBackup Service is stopped.