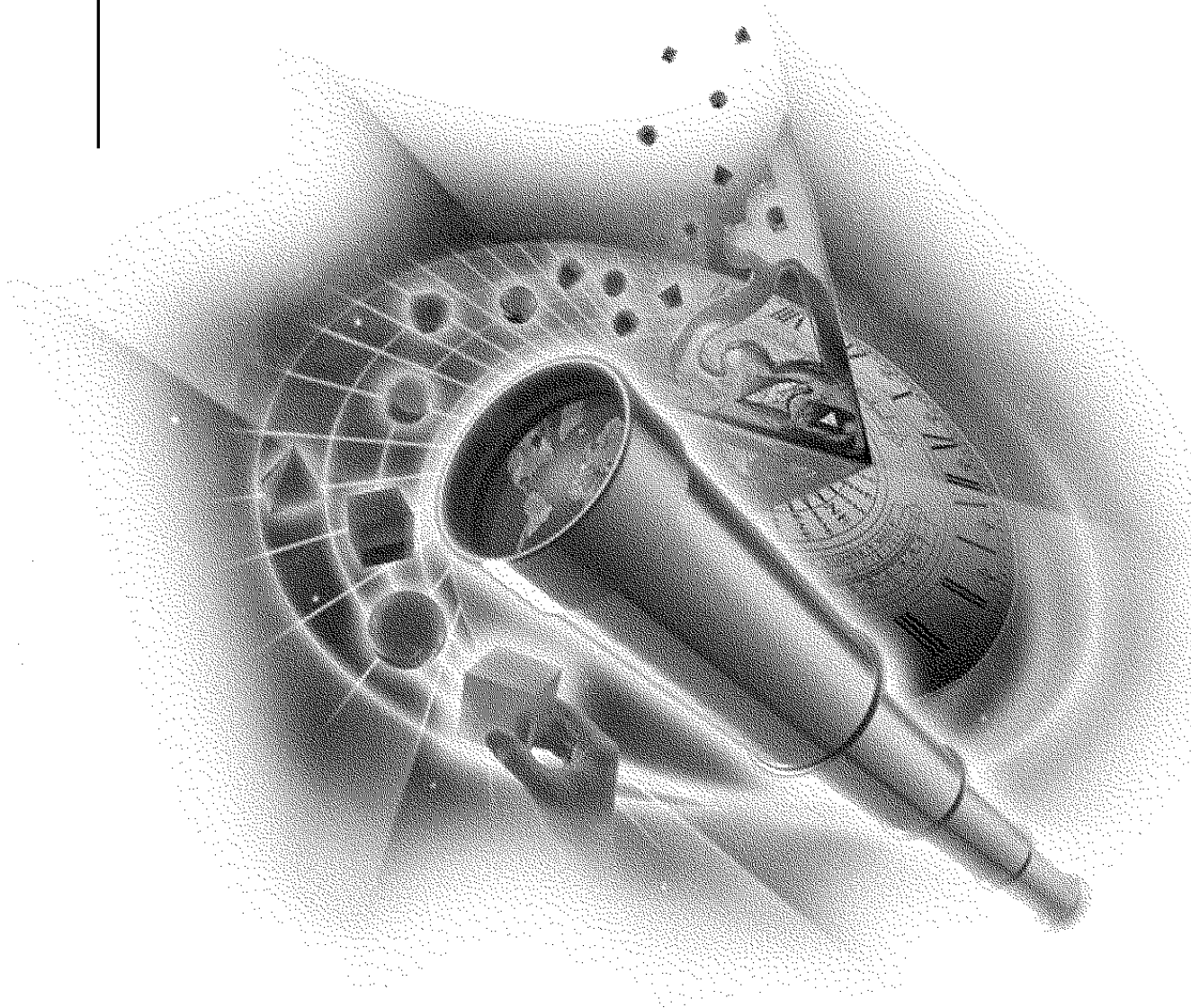


VERSION 2.0

Synchronicity
Quick Starts



Synchronicity[™]

NETWORK DIRECTORY INTEGRATION SOFTWARE

Novell[®]

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U.S. Patent No. 5,721,825 protects NetVision's Global Event Services.

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About This Guide

WHAT ARE QUICK STARTS?

Quick Starts are installation procedures designed for experienced administrators who want to get started installing Synchronicity™ products right away.

The procedures in Quick Starts do not contain detailed installation or deployment planning information as found in *Overview and Installation Guide*.

Quick Starts usually provide the default or the simplest installation process.

- For overview, planning, and installation information, see *Overview and Installation Guide*.
- For information on each Synchronicity product, refer to the READ*.TXT files, the online help, and the Administrator Guide for the product.

WHO SHOULD USE QUICK STARTS?

If this is your first experience installing Synchronicity, refer to the *Overview and Installation Guide*, where you will find background and deployment planning information, and detailed explanations of the installation procedures.

If you are familiar with Synchronicity and with general networking terms and concepts, using the Quick Starts may be the fastest way to install Synchronicity and enable many of its key features.

FOR MORE INFORMATION

For detailed information about installing and using Synchronicity products, refer to these guides:

Upgrading from Synchronicity for NT/Exchange 1.x to 2

Synchronicity 2 includes a wizard that guides you through upgrading from a previous 1.x version of Synchronicity for NT /Exchange to version 2.

INFORMATION

- ❑ Because NT intermediate objects are no longer used, the Upgrade Wizard replaces the 1.x version NT Domain and Exchange Server objects in NDS with newer objects and updates existing object links to the newer format.
- ❑ Run the Upgrade Wizard on all servers or workstations that were running any previous 1.x version of the Synchronicity for NT /Exchange agent (SYNCD-SNT.EXE).

To upgrade from a previous 1.x version of Synchronicity for NT /Exchange, install version 2 of either Synchronicity for NT or Synchronicity for Exchange.

You should not uninstall the previous 1.x version or object links will be lost.

The installation program prompts you to run the Synchronicity for NT Upgrade Wizard, if it detects any previous 1.x version of the Synchronicity for NT / Exchange agent (SYNCD-SNT.EXE).

- ❑ The Upgrade Wizard can be run in a simulated mode, allowing you to check what changes the Upgrade Wizard will make before actually making changes.

PREREQUISITES

- ❑ Log in using the same NT login account used by the previous 1.x version of the synchronization agent since the registry entries were entered accordingly.
- ❑ Successfully run a Link Repair Resynchronization Action with the 1.x synchronization agent.
- ❑ Stop all Synchronicity 1.x synchronization agents before running the Synchronicity for NT Upgrade Wizard.
- ❑ Complete the initial portion of the installation for Synchronicity 2.

PROCEDURES

1. Log in using the same NT login account used by the previous 1.x version of the synchronization agent.
2. Follow the instructions for installing version 2 of Synchronicity for NT or Synchronicity for Exchange.
3. Run the Synchronicity for NT Upgrade Wizard, if prompted.

First run the Upgrade Wizard in simulation mode to check changes to be made.

You can run the Synchronicity for NT Upgrade Wizard after finishing the installation program, by clicking Start > Programs > Synchronicity > Synchronicity for NT Upgrade Wizard.

4. Follow the onscreen instructions.

Installing Synchronicity for NT

Synchronicity for NT integrates Microsoft Windows NT servers with Novell Directory Services (NDS), allowing administrators to save time managing users and groups across both network environments.

PREREQUISITES

- ❑ Make sure you have appropriate administrative rights to allow the installation program to add NDS™ objects and modify the NDS schema.
- ❑ Determine which NetWare® 4.1 or later servers in the NDS tree require Global Event Services™ and what mode to run them in. For fastest synchronization time, we recommend Global Event Services be loaded on every NetWare 4.1 or later server with master or read/write replicas.
- ❑ Determine which NT domains and/or workgroup (non-domain) servers are to be synchronized.
- ❑ Determine which NT systems require the service agent. Only one agent should be loaded for each NT domain or each NT workgroup server being synchronized.
- ❑ Determine where to place the NDS objects that represent NT domains and NT workgroup servers.
- ❑ Determine which parts of the NDS tree the NT domains or workgroup servers will be synchronized with.
- ❑ Determine which NetWare servers require the NetWare Administrator snapins. By default, the NetWare Administrator snapins are installed to

SYS:\PUBLIC\WIN32\SNAPINS on the servers selected during installation, allowing administrators to manage Synchronicity for NT from any Windows® 95™/98 or Windows NT® workstation and those workstations where NT-specific administration occurs.

- ❑ Have ready the appropriate license strings needed to activate the Synchronicity™ products you will install.
- ❑ Read the README.TXT and READ_NT.TXT files and planning information in *Overview and Installation Guide*.

SYSTEM REQUIREMENTS

- ❑ NetWare 4.1 (with minimum patches) or later (native, SMP, or SFT III) on servers running the Global Event Services NLM™ files.
- ❑ Windows NT 4.0 (with Service Pack 3) or later on each NT server or workstation running a synchronization agent or NetWare Administrator snapins.
- ❑ Novell Client™ for Windows 95/98 version 2.5 or later or Novell Client for Windows NT version 4.3 or later (protocol set to IP or IPX) on each NT server or workstation running NetWare Administrator.
- ❑ Novell Client for Windows NT version 4.3 or later on each NT server or workstation running a service agent.
- ❑ TCP/IP loaded on each NT server or workstation running NetWare Administrator or a service agent.
- ❑ ODBC 3.5 or later (MDAC 2.0) driver, for accessing Microsoft Access database files, on each NT server or workstation running a service agent. (The

installation program installs the necessary files, after prompting you.

- ❑ 32 MB RAM and 5 MB of available disk space on NetWare 4.1 or later servers, NT servers, and Windows 95/98 or Windows NT workstations where NetWare Administrator is installed; 64 MB RAM recommended on NetWare 4.1 or later servers running Global Event Services.
- ❑ 32-bit NetWare Administrator for Windows 95/98 or Windows NT (SYS:\PUBLIC\WIN32\NWADMN32.EXE) is recommended. (To use the 32-bit NetWare Administrator and the Synchronicity snapins on machines running Windows 95/98, ADSI 2.0 or later [2.5 for full functionality], with DCOM 1.1 or later, must be installed.)

PRODUCT COMPONENTS

- ❑ Global Event Services NetWare Loadable Module™ (NLM) broker for NetWare servers.
- ❑ NetWare Administrator snapin for Windows 95/98 and Windows NT.
- ❑ Synchronicity for NT Service Agent for one PDC, BDC, or administrative workstation for each NT Domain.

PROCEDURES

1. Insert the Synchronicity CD-ROM.

If the installation program does not start automatically, run SETUP.EXE.

2. Specify the language you want, click Install Products, then click the product set you want.
3. Follow the onscreen instructions to
 - Select the products to install
 - Modify the NDS schema
 - Install the snapins
 - Install the NLM files
 - Enter product licenses
 - Configure the agents

Installing Synchronicity for Exchange

Synchronicity for Exchange integrates Microsoft Exchange with Novell Directory Services (NDS), allowing administrators to save time integrating users with mailboxes and groups with distribution lists across both network environments.

PREREQUISITES

- ❑ Determine whether to use Synchronicity for NT or NDS for NT.
- ❑ Make sure you have appropriate administrative rights to allow the installation program to add NDS™ objects and modify the NDS schema.
- ❑ Determine which NetWare® 4.1 or later servers in the NDS tree require Global Event Services™ and what mode to run them in. For fastest synchronization time, we recommend Global Event Services be loaded on every NetWare 4.1 or later server with master or read/write replicas.
- ❑ Determine which Exchange sites are to be synchronized.
- ❑ Determine which NT systems require the service agent.

One synchronization agent is needed for one PDC, BDC, or administrative workstation that synchronizes all or part of the Exchange site.

The synchronization agent must be installed on an NT server or workstation running Exchange Server or Microsoft Exchange Administrator.

- ❑ Determine where to place the NDS objects that represent Exchange organizations.
- ❑ Determine which parts of the NDS tree the Exchange recipient containers will be synchronized with.
- ❑ Determine which NetWare servers require the NetWare Administrator snapins. By default, the NetWare Administrator snapins are installed to SYS:\PUBLIC\WIN32\SNAPINS on the servers selected during installation, allowing administrators to manage Synchronicity for Exchange from any Windows NT® workstation and those workstations where Exchange-specific administration occurs. (Under Windows® 95™/98, no administration may occur, although the Exchange Links can be viewed.)
- ❑ Have ready the appropriate license strings needed to activate the Synchronicity™ products you will install.
- ❑ Read the README.TXT and READ_EX.TXT files and planning information in the *Overview and Installation Guide*.

SYSTEM REQUIREMENTS

- ❑ NetWare 4.1 (with minimum patches) or later (native, SMP, or SFT III) on servers running the Global Event Services NLM™ files.
- ❑ Windows NT 4.0 (with Service Pack 3) or later on each NT server or workstation running a synchronization agent or NetWare Administrator snapins.
- ❑ Novell Client™ for Windows 95/98 version 2.5 or later or Novell Client for Windows NT version 4.3 or later (protocol

set to IP or IPX) on each NT server or workstation running NetWare Administrator.

- Novell Client for Windows NT version 4.3 or later on each NT server or workstation running a service agent.
- TCP/IP loaded on each NT server or workstation running NetWare Administrator or a service agent.
- 32 MB RAM and 5 MB of available disk space on NetWare 4.1 or later servers, NT servers, and Windows 95/98 or Windows NT workstations where NetWare Administrator is installed; 64 MB RAM recommended on NetWare 4.1 or later servers running Global Event Services.
- 32-bit NetWare Administrator for Windows 95/98 or Windows NT (SYS:\PUBLIC\WIN32\NWADMIN32.EXE) is recommended. Running NetWare Administrator on the same NT server or workstation running Exchange is recommended.
- Exchange Server or Microsoft Exchange Administrator running on the same NT server or workstation running a service agent.
- Microsoft Exchange 5.5 or later.
- Synchronicity for NT 2.0 or later or NDS for NT 2.0 or later, depending on deployment mode.

PRODUCT COMPONENTS

- Global Event Services NetWare Loadable Module™ (NLM) broker for NetWare servers.
- NetWare Administrator snapin for Windows 95/98 and Windows NT.
- Synchronicity for Exchange Service Agent for one PDC, BDC, or administrative workstation that synchronizes all or part of the Exchange directory.

PROCEDURES

1. Insert the Synchronicity CD-ROM.

If the installation program does not start automatically, run SETUP.EXE.

2. Specify the language you want, click Install Products, then click the product set you want.
3. Follow the onscreen instructions to
 - Select the products to install
 - Modify the NDS Schema
 - Install the snapins
 - Install the NLM files
 - Enter product licenses
 - Configure the agents

POST-INSTALLATION CONFIGURATION

- In NetWare Administrator, in the Details for the Exchange object, indicate whether to use Synchronicity for NT or NDS for NT.
- In NetWare Administrator, in the Details for the Exchange object, set the default Exchange server to be used by the synchronization agent and for browsing Exchange from within NetWare Administrator.
- In NetWare Administrator, in the Details for the Exchange object, review the synchronization setting preferences for Mailboxes and Distribution Lists, especially NDS Container to Exchange container mappings, Exchange template selections, and Naming Rules.

Installing Synchronicity for Notes

Synchronicity for Notes integrates the Lotus Domino Directory with Novell Directory Services (NDS), allowing administrators to save time managing users and groups across both network environments.

PREREQUISITES

- ❑ Make sure you have appropriate administrative rights to allow the installation program to add NDS™ objects and modify the NDS schema.
- ❑ Determine which NetWare® 4.1 or later servers in the NDS tree require Global Event Services™ and what mode to run them in. For fastest synchronization time, we recommend Global Event Services be loaded on every NetWare 4.1 or later server with master or read/write replicas.
- ❑ Determine which Domino servers are to be synchronized. For each Lotus Notes domain to be synchronized, install one Synchronicity for Notes Service Agent.
- ❑ Determine where to grant Manager rights to the Lotus Notes Address Book (in Notes Address Book, File > Database > Access Control, add the Notes user/certname, select Person as User type and Manager Access rights)
- ❑ Determine which Domino servers and which Lotus Notes™ clients on NT servers or workstations, require the service agent.

We recommend always starting the Synchronicity for Notes service agent manually from a Notes client site.

Running the service agent on the same NT server or workstation running Lotus Notes client requires either Option 1 or 2:

Option 1—A zero-length user ID password be used and the Notes client be installed on the NT location where the service agent will be manually started.

Option 2—If a zero-length user ID password is not used, the Notes client must be running with the Domino server Address Book open before manually starting the service agent and use one or the other of the following settings:

- the local User ID file be added to the Managed ID Files > User ID File Used by Sync Agent setting for the NDS Notes Server object
- Share passwords with Notes add-ins be selected (in client, File > Tools > User ID)

- ❑ Determine where to place the NDS objects that represent Domino servers.
- ❑ Determine which parts of the NDS tree the Domino servers will be synchronized with.
- ❑ Determine which NetWare servers require the NetWare Administrator snapins. By default, the NetWare Administrator snapins are installed to SYS:\PUBLIC\WIN32\SNAPINS on the servers selected during installation, allowing administrators to manage Synchronicity for Notes from any Windows® 95™/98 or Windows NT® workstation and those workstations where Notes-specific administration occurs.

- ❑ Have ready the appropriate license strings needed to activate the Synchronicity™ products you will install.
- ❑ Consider using the Synchronicity Notes ID Transfer Utility and enabling Single Sign-On on machines running the Lotus Notes client but not running the Synchronicity for Notes Service Agent. Read the *Synchronicity Notes ID Transfer Utility Help* (SYLNIDS.HLP) located in \NOTES\NLS\ENGLISH.

To install the Notes ID Transfer Utility and enable Single Sign-On on a machine running the Lotus Notes client, in the Select Components dialog box click Synchronicity Password Utilities > Change > Notes ID Transfer Utility and Single Sign-On.

- ❑ Read the README.TXT and READ_LN.TXT files and planning information in *Overview and Installation Guide*.

SYSTEM REQUIREMENTS

- ❑ NetWare 4.1 (with minimum patches) or later (native, SMP, or SFT III) on servers running the Global Event Services NLM™ files.
- ❑ Windows NT 4.0 (with Service Pack 3) or later on each NT server or workstation running a synchronization agent or NetWare Administrator snapins.
- ❑ Lotus Notes client 4.6.1 or later on NT server or workstation running the synchronization agent.
- ❑ Novell Client™ for Windows 95/98 version 2.5 or later or Novell Client for Windows NT version 4.3 or later (protocol set to IP or IPX) on each NT server or workstation running NetWare Administrator.
- ❑ Novell Client for Windows NT version 4.3 or later on each NT server or workstation running a service agent.
- ❑ TCP/IP loaded on each NT server or workstation running NetWare Administrator or a service agent.

- ❑ 32 MB RAM and 5 MB of available disk space on NetWare 4.1 or later servers, NT servers, and Windows 95/98 or Windows NT workstations where NetWare Administrator is installed; 64 MB RAM recommended on NetWare 4.1 or later servers running Global Event Services.
- ❑ 32-bit NetWare Administrator for Windows 95/98 or Windows NT (SYS:\PUBLIC\WIN32\NWADMIN32.EXE) is recommended.

Running NetWare Administrator on the same NT server or workstation running the Lotus Notes client is required.

PRODUCT COMPONENTS

- ❑ Global Event Services NetWare Loadable Module™ (NLM) broker for NetWare servers.
- ❑ NetWare Administrator snapin for Windows 95/98 and Windows NT.
- ❑ Synchronicity for Notes Service Agent for each Domino server.

PROCEDURES

1. Insert the Synchronicity CD-ROM.

If the installation program does not start automatically, run SETUP.EXE.

2. Specify the language you want, click Install Products, then click the product set you want.
3. Follow the onscreen instructions to
 - Select the products to install
 - Modify the NDS Schema
 - Install the snapins
 - Install the NLM files
 - Enter product licenses
 - Configure the agents

Installing Synchronicity for NetWare 3

Synchronicity for NetWare 3 integrates Novell NetWare 3 servers with Novell Directory Services (NDS), allowing administrators to save time managing users and groups across both network environments.

PREREQUISITES

- ❑ Make sure you have appropriate administrative rights to allow the installation program to modify the NDS™ schema.
- ❑ Determine which NetWare® 4.1 or later servers in the NDS tree require Global Event Services™ and what mode to run them in. For fastest synchronization time, we recommend Global Event Services be loaded on every NetWare 4.1 or later server with master or read/write replicas.
- ❑ Determine which NetWare 3 servers are to be synchronized.
- ❑ Determine which NetWare 4 or later servers will be managing which NetWare 3 servers. Each NetWare 4 or later server managing a NetWare 3 server requires the Synchronicity for NetWare 3 agent.
- ❑ Determine where to place the NDS objects that represent NetWare 3 servers.
- ❑ Determine which parts of the NDS tree each of the NetWare 3 servers will be synchronized with.
- ❑ Determine which NetWare servers require the NetWare Administrator snapins. By default, the NetWare Administrator snapins are installed to SYS:\PUBLIC\WIN32\SNAPINS on the servers selected during install, allowing administrators to manage Synchronicity for NetWare 3 from any Windows® 95™/98 or Windows NT® workstation.
- ❑ Know the administrative password for the NetWare 3 servers and for the NDS tree.
- ❑ Have ready the appropriate license strings needed to activate the Synchronicity™ products you will install.
- ❑ Read the README.TXT and READ_NW.TXT files and planning information in *Overview and Installation Guide*.

SYSTEM REQUIREMENTS

- ❑ NetWare 4.1 (with minimum patches) or later (native, SMP, or SFT III) on servers, running the Global Event Services™ NLM™ files or to manage NetWare 3.11 or later servers.
- ❑ Novell Client™ for Windows 95/98 version 2.5 or later or Novell Client for Windows NT version 4.3 or later on each NT server or workstation running NetWare Administrator.
- ❑ 32 MB RAM and 5 MB of available disk space on NetWare 4.1 or later servers, NT servers, and Windows 95/98 or Windows NT workstations where NetWare Administrator is installed; 64 MB RAM recommended on NetWare 4.1 or later servers running Global Event Services.
- ❑ 32-bit NetWare Administrator for Windows 95/98 or Windows NT (SYS:\PUBLIC\WIN32\NWADMN32.EXE) is recommended.

PRODUCT COMPONENTS

- ❑ Global Event Services NetWare Loadable Module™ (NLM) broker for NetWare servers.
- ❑ NetWare Administrator snapin for Windows 95/98 and Windows NT.
- ❑ Synchronicity for NetWare 3 agent NetWare Loadable Module (NLM) running on a NetWare 4.1 or later server.

PROCEDURES

1. Insert the Synchronicity CD-ROM.

If the installation program does not start automatically, run SETUP.EXE.

2. Specify the language you want, click Install Products, then click the product set you want.

3. Follow the onscreen instructions to

- Select the products to install
- Modify the NDS Schema
- Install the snapins
- Install the NLM files
- Enter product licenses
- Configure the agents

INITIAL CONFIGURATION

After installing Synchronicity for NetWare 3, you must manually create an NDS object to represent each NetWare 3 server, then select the NetWare 4 or 5 server (which must be running NVSYNNW3.NLM) that will be responsible for managing it.

To create an object and specify which NetWare 4 or 5 server will manage which NetWare 3 servers,

1. Create an object in the NDS tree to represent each NetWare 3 server which will be synchronizing with the NDS tree.

The NetWare 3 Server object class should be used and will only be present if the NetWare Administrator snapin modules supplied with Synchronicity for NetWare 3 are properly installed.

2. Select the NetWare 4 or 5 server icon in the NDS tree which will be the managing server for the NetWare 3 servers of interest.

3. Make sure the Synchronicity for NetWare 3 agent (NVSYNNW3.NLM) is loaded on each NetWare 4 or 5 managing server.

Installing Synchronicity Password Utilities

Synchronicity Password Utilities let you change NDS and Synchronicity passwords and synchronize the password account changes for any current network connections linked by Synchronicity.

PREREQUISITES

- ❑ Read the README.TXT and READ_PW.TXT files.

SYSTEM REQUIREMENTS—ALL UTILITIES

- ❑ NetWare 4.1 (with minimum patches) or later (native, SMP, or SFT III) on servers running the Global Event Services NLM™ files.
- ❑ One or more Synchronicity™ agents.
- ❑ Windows® NT® 4.0 (with Service Pack 3) or later on each NT server or workstation running a synchronization agent or NetWare Administrator snapins.
- ❑ Novell Client™ for Windows NT version 4.3 or later on each NT server or workstation running a service agent.
- ❑ 32-bit NetWare Administrator for Windows 95/98 or Windows NT (SYS:\PUBLIC\WIN32\NWADMN32.EXE) is recommended.

SYSTEM REQUIREMENTS—PASSWORD PROVIDER FOR WINDOWS 95/98

- ❑ Novell Client for Windows 95™/98 version 2.5 or later (3.1 recommended) or Microsoft Client for NetWare Networks with Windows 95 Service for NDS or

Windows 98 Service for NDS.

When using the Microsoft Client for NetWare Networks with the Service for NDS, the Microsoft system files for ADSI 2.0 with DCOM 1.1 or later must be installed.

SYSTEM REQUIREMENTS—USER AND ADMINISTRATOR PASSWORD UTILITIES

- ❑ Novell Client for Windows 95/98 version 2.5 or later or Novell Client for Windows NT version 4.3 or later (protocol set to IP or IPX) for running the corresponding Synchronicity User or Administrator Password utility for Windows 95/98 or Windows NT.

RECOMMENDATIONS

- ❑ Use the Synchronicity User Password utility for Windows 95/98 when the Synchronicity Password Provider for Windows 95/98 cannot be used for any reason.
- ❑ Under Windows 95/98, turn off password caching to prevent Windows log on password conflicts (and ensure security in that passwords are not stored) by creating a Binary value named DisablePwdCaching containing the value data 01000000 in the following registry key:
HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\Current Version\Policies\Network.
- ❑ Install the Synchronicity Notes ID Transfer Utility and enable Single Sign-On on machines running the Lotus Notes client but not running the Synchronicity for Notes Service Agent.

Read the *Synchronicity Notes ID Transfer Utility Help* (SYLNIDS.HLP) located in \NOTES\NLS\ENGLISH.

- ❑ Consider using the Synchronicity Password Monitor for Windows NT. Refer to the readme file (READ_PWM.TXT) for descriptive and installation information.

PROCEDURES

1. Insert the Synchronicity CD-ROM.

If the installation program does not start automatically, run SETUP.EXE.

2. Specify the language you want, click Install Products, then click the product set you want.

3. Follow the onscreen instructions.

To install the Notes ID Transfer Utility and enable Single Sign-On on a machine running the Lotus Notes client, in the Select Components dialog box click Synchronicity Password Utilities > Change > Notes ID Transfer Utility and Single Sign-On.

4. After finishing the installation program, run the appropriate Synchronicity Password utility.

Uninstalling Synchronicity

To properly uninstall any Synchronicity products, complete the following process.

PROCEDURE

1. Shut down any of the synchronization agents that are currently active, along with any of the other Synchronicity™ NLM™ programs that are currently loaded.

If any of the synchronization agents are running when you delete NDS™ objects in the following step, the linked accounts will also be deleted.

2. In NetWare® Administrator, delete all of the objects in the NDS tree of the new custom types created by Synchronicity (such as NT Domains, Notes Users, and NetWare 3 Servers) and all contained objects.

The schema modifications cannot be removed if there are objects defined that are classes (object types) defined by the Synchronicity product schema extensions. (Due to limitations in the NDS APIs, the schema extensions made to the base User and Group classes in NDS must be removed manually.)

3. Delete the Global Event Services™ Event container object, located at the root of the NDS tree, and all contained objects.
4. To remove the Global Event Services schema changes, in NetWare Administrator, click Tools > GES >

Undo Schema Modifications for GES.

If the menu item is not present, the snapin modules have not been properly installed. If the menu item is present but disabled, the current NDS user may not have sufficient rights to modify the schema or the schema has not been modified.

5. To remove the schema changes for a Synchronicity product, in NetWare Administrator, click Tools > Synchronicity Shared Components > Uninstall NDS Schema Modifications, select the NDS Trees and Synchronicity Products whose schema modifications you want to remove, then click OK.

If the menu item is not present, the snapin modules have not been properly installed. If the menu item is present but disabled, the current NDS user may not have sufficient rights to modify the schema or the schema has not been modified.

6. To remove NT accounts for the synchronization agent services, in User Manager for Domains, delete the service accounts for the synchronization agents.
7. Click Start > Settings > Control Panel > Add/Remove Programs, select Synchronicity, then click Add/Remove.