Upgrade Express v2.0 Documentation Addendum

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* Product Update
* 11-May-95
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* Upgrade Express v2.00
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FILES UPDATED
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\UE\SRV\UPSERVE.NLM   76738 05-11-95 02:04
\UE\LIB\PROFILE.LIB   4374 05-09-95 02:04
\UE\BIN\DRESPOND.EXE   249850 05-09-95 02:04
\UE\BIN\WRESPOND.EXE   204288 05-11-95 02:04
\UE\BIN\EXPRESS.EXE   440832 05-11-95 02:04
\UE\BIN\TABLES.DLL   33280 05-09-95 02:04

PROBLEMS RESOLVED IN UE2UP1
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The following problems have been fixed with this update kit of
Upgrade Express

1: Unable to target only a specific type of responder agent, ie only
DOS or only Windows. A new Target Computer Profile Attribute was added
to allow targeting of specific responder agent types. The new attribute
name is :

     Upgrade Responder Agent Type

When adding this attribute to the profile of target computers, you will
be prompted to select the agent type, ie DOS,WINDOWS, NW SERVER etc.
The upgrade will be executed only by those workstations that are running
the selected responder.

2: If an upgrade definition fails due to incorrect profile, it will never
be executed again, even if the workstation's environment has changed so
that is does match.

Example: Workstation JOHNS-WS attempted to execute the upgrade definition
"Upgrade Wordperfect" but the target computer profile was set to upgrade
those workstations that have a CD-ROM installed. JOHNS-WS did not orignally
contain a CD-ROM so the upgrade was not performed and failed. 2 weeks later
JOHNS-WS was upgraded with a CD-ROM drive and should now recieve the upgrade

definition that originally failed.

3: Management Console, selecting more than 34 files at a time to include
in a file distribution package causes GPF. This problem was addressed by
increasing the memory buffer for parsing and copying the file names selected
in the "Add File To FDP" dialog box.

4: Managment Console, more information was added to the "Available Upgrade
Definitions" dialog list as follows:

Description - Upgrade definition description
Created   - The date the upgrade definition was created
Updated   - The last date the upgrade definition was modified
Distribution - Indicates if the upgrade has been distributed to other
warehouse servers. The word Local indicates that the upgrade has not
been distributed to other servers, Remote indicates that the upgrade
has been distributed to other warehouse servers.
Type   - Describes the methodoly used to deliver the upgrade to the
target workstation, ie Push or Pull.
Tree ID   - Is the unique identifier for this Upgrade defintion as it
relates to the Upgrade Directory tree.

5: Dos and Windows Responders, increased file transfer buffer sizes to
improve file download performance.

6: Management Console, fixed the MS-Windows Upgrade Responder Agent
Configuration dialog to evaluate the "Process Can Be Unloaded" check box
properly.

7: Dos And Windows Responders, fixed problem where the MachIDVar and
MachIDFile variables were attempted to be read from the Upgrade Warehouse
section of the ?RESPOND.INI file instead of the appropriate section.
This would cause the workstation to always be identified by the Node
address, no matter how it was configured using the install program or
management console.

8: Windows Responder, resovled GPF error when using the Modify Text File
action object.

Released 21-Apr-95

The following items are not referenced in the Upgrade Express printed documentation

New Install Options
The installation program has been updated to perform the following additional tasks:

    I.   **Define Upgrade Express Clients and Administrators.**
        Upgrade Express Clients are those users that you wish to be updated
        by Upgrade Express.
        Upgrade Express Administrators are those users that will be defining upgrade
        definitions for distribution.

        The install program creates 2 groups in the Novell Bindery, called UE_ADMINS
        and UE_CLIENTS, and grants those groups the following rights:

UE_CLIENTS

\UE\	File Read, Search
\UE\LIB\	File Read, Search, Modify, Write, Create
\UE\INV\	File Read, Search, Modify, Write, Create

UE_ADMINS

\UE\	All Rights

When users are added to either of the following groups via the Install program, the Upgrade Express Management Console, or SYSCON, they automatically acquire the rights needed to function with Upgrade Express.

II   Responder Agent INI Configurations

The Resopnder Agent INI configuration dialogs allow you to customize how the responder agents should function. The configuration process can be performed during the install, or from the **Configure|XXXResponder** option from the management console.

Responder Configuration Options

Remain Resident As TSR - When this box is checked, the DOS Responder agent will remain resident as a TSR for Unattended Upgrading. If this box is not checked, the DOS Responder Agent terminates after performing any needed upgrades.

TSR Can Be Removed From Memory - This box can only be checked if the Remain Resident As TSR box is checked. Checking this box allows the DOS Responder Agent to be removed from memory with the /u parameter. If this box is not checked the TSR can not be removed from memory.

Quiet Operation - Selecting this checkbox instructs the Responder Agent not to display the Upgrade Express program banner or license information.

Poll For New Upgrades - If the Remain Resident As TSR box has been checked, this value determines how often the TSR will poll the Upgrade Warehouse for upgrades to be performed. This value is in seconds.

Wait time before next delivery attempt after refusal - This value tells the responder to wait at least nn minutes after the user has refused an Upgrade, before it attempts to run the upgrade again.

Memory Swapping Techniques - Only selectable if the Remain Resident As TSR box has been checked. This group of radio buttons determines how the DOS Resopnder agent will manage memory to provide the smallest footprint.

Agent Decides - TSR calculates the best swapping method.
Use EMS   - Force TSR to swap to EMS Memory.
Use XMS   - Force TSR to swap to XMS Memory
Use Disk   - Force TSR to swap to disk.

Workstation Identification - This group of radio buttons determines how the responder agent will identify itself to the Upgrade
Express
warehouse.

Use Node Address - The workstation will always be identified by it's MAC address.

Use Environment Variable - The workstation will always be identified by the value of the given DOS environment variable.

Use Text File - The workstation will always be identified by the contents of this file, up to 48 bytes in length.

III   Automatic Modification Of The System Login Script

The install program will optionally update the Netware system login script to check the users group membership, and execute the DOS responder
agent
upon login.

IV   Automatic Generation Of Sample Upgrade Definition

The install program automatically launches the Upgrade Express management console, which generates a demonstration upgrade definition. This upgrade definition does nothing more than display a welcome message to the user.

Management Console Updates

The Upgrade Express Management Console has had the following enhancements and fixes made:

I Configuration Menu Added

A new menu was added to the management console that allows administrators to configure Upgrade Express clients, administrators, and responder INI options.

This configuration menu is also represented on the toolbar via the following 4 buttons.

II Agent Status List Modified

The Agent Status list has been modified to display an ICON representing the responder agent type, and agent id. Double clicking on an agent in the list will display a detailed agent information dialog, that contains the agents current status, and any upgrades that it may have performed, or attempted to perform. Double clicking any of the upgrades listed in the Upgrade History list will display the details pertaining to the
upgrade's
execution.

III Modify Strategy Object Fixed

In Upgrade Express management console versions prior to 2.0, each time a Upgrade Strategy object was modified, it created a new pointer to the action object, causing multiple strategy descriptions to point to the same object. This problem has been resolved.

IV Program Manager Operations Dialog Fixed

In Upgrade Express Management Console Versions prior to 2.0, the Program Manager Operations dialog box did not function correctly, specifically the Show Window radio buttons. This problem has been resolved.