



## Service Account Manager: Revision History

**Ver    Build            Released On**

**5.60    091029            October 29, 2009**

- Added: Can now set service credentials to run as NT Authority\Network Service
- Added: Can now set service credentials to run as NT Authority\LocalService
- Added: Support for changing clustered services
- Updated: Support of Vista and later operating systems
- Fixed: Pre and post run operations may use incorrect account credentials
- Fixed: Countdown timers were not visually updating in terminal services
- Fixed: Browse option when changing service executable path
- Fixed: Incorrect licensing of systems
- Fixed: Changing service description updated service name instead of description
- Removed: shell browser for Vista and later operating systems

**5.04    070214            February 14, 2007**

- Added: can set service security permissions (DACL)
- Added: can set service auditing settings (SACL)
- Added: can change service dependencies
- Added: can change service executable path
- Added: can change service description
- Added: can change service startup error control
- Resolved: During launch of SAM, app would occasionally crash
- Resolved: SAM would crash if too many systems and services were refreshed at once
- Resolved: SAM would allow the use of a blank username when setting a service credential
- Resolved: Data store configuration dialogue displayed incorrect settings if anything other than registry was selected
- Resolved: SAM and UMP could not run at the same time

**5.03    061206            January 25, 2007**

**5.01    060531            June 2, 2006**

- Added: scheduled service info refresh



- Fixed: issues with dynamic group updates causing problems with system and service display
- Updated: email settings

## **4.12 060221 March 9, 2006**

- Fixed: issues with dependant services service during restart operations
- Changed: improvements to appearance and organization of menu items

## **4.11 060126 January 26, 2006**

- Changed: Some menu items have been relocated to improve consistency
- Fixed: errors that occurred when using Update Logon Cache option during a Service set operation
- Fixed: uninstalling a service could fail, and the service would only be disabled
- Fixed: problem with minimizing the program dialog
- Internal code improvements and minor bug fixes

## **4.10 050622 June 28, 2005**

- Fixed: Problems with service account set when run from deferred processor
- Minor bug fixes to program operation

## **4.09 050404 April 4, 2005**

## **4.08 050321 March 31, 2005**

- Added: Pre and post processing for operations. Outside processes can now be executed before and/or after a service set operation
- Added: Ability to create new SQL Server database from Service Account Manager
- Fixed: Problems with Update Logon Cache when working with domain accounts

## **4.07 050208 February 8, 2005**

- Added: A new Active Directory browser enables the selection of an AD path for OU based dynamic groups



- Added: Explicit include/exclude lists for dynamic groups can now be imported and exported
- Added: Dynamic Group updates are now logged, and a menu option displays the update log for each dynamic group
- Changed: The IP Scanner dialog now displays a flag next to IP addresses that were skipped in previous scan
- Updated: Fixed bugs in deferred stop/uninstall for VNC
- Changed: By default, dynamic groups will not refresh systems added dynamically except for IP ranges (performance optimization)
- Fixed: problems with local account change during service account update
- Fixed: problem with stability on some systems
- Fixed: problem with setting recovery options for services
- Fixed: Problem with renaming managed groups
- Fixed: Changed the format of ICMP packets to resolve conflicts with virus detection products
- Fixed: Display of dates in operations that utilize the database
- Fixed: Improved stability when running remote registry operations
- Fixed: Retrieval of MAC address cross-subnet
- Fixed: Problems browsing for systems in Windows Server 2003 domains when the user was not a Domain Admin
- Fixed: Problems parsing filenames during some operations

#### **4.06 041005 October 5, 2004**

- Added: Active Directory path for dynamic groups can now be selected through browse
- Added: Import/Export for explicit system lists for dynamic groups
- Added: Logging for dynamic group operations
- Updated: Connecting through Terminal Services now uses program resolve-by option
- Updated: several minor interface improvements
- Fixed: Group Rename functionality now works as expected
- Fixed: Deferred stop/uninstall of VNC now works as expected
- Fixed: Doing an operation by right-clicking from report results now works as expected
- Fixed: SMTP settings are now saved properly
- Fixed: Dates are now stored properly in database
- Fixed: Local account changes during service account updates now work as expected
- Fixed: File dependencies that affect Cluster Server have been resolved



## 4.05 040909 September 10, 2004

- Internal code improvements and minor bug fixes
- Improved: Better support for machine names longer than 13 characters

## 4.04 040706 July 6, 2004

- Updated: VNC integration to work with the newly released VNC 4.0
- Added: menu item to alert users about VNCPass if it is not installed

## 4.02 040604 June 4, 2004

## 4.01 040603 June 3, 2004

## 4.00 040526 May 26, 2004

- Added: Integration with VNC and Terminal Server for complete remote control of workstations and services
- Fixed: issues with adding rights to an account during service set
- Minor bug fixes to the logging dialog

## 3.94 040511 May 11, 2004

- Various bug fixes to the Scheduler (especially scheduled reboots) and Logging options.

## 3.93 040420 April 20, 2004

- Disabled some rarely-used functionality while investigating a reported problem.

## 3.92 040414 April 15, 2004

- Added ability to optionally store service information in a database.



**3.91 040209 February 9, 2004**

- Fixed issue that in very rare instances caused the program to immediately exit on its own after starting.

**3.90 030910 September 25, 2003**

**3.89 030829 September 2, 2003**

- Changed default demo license terms to 10 systems, 30 days

**3.88 030728 September 2, 2003**

**3.86 030716 September 2, 2003**

**3.85 030714 September 2, 2003**

- Reorganized logging messages

**3.84 030408 April 8, 2003**

**3.83 030402 April 2, 2003**

- Incorporated new, improved help file

**3.82 030325 March 25, 2003**

**3.81 030324 March 24, 2003**

- Reorganized internal order of operations to do set operations first, followed by stop/start



## 3.80 030321 March 21, 2003

- Added some logging messages to aid diagnostics

## 3.79 030317 March 17, 2003

- Added warning for setting properties of services running under system accounts
- Took out warning for truncating recovery lists (was confusing people)

## 3.78 030312 March 12, 2003

- Added minutes to run time for deferred processes

## 3.77 030310 March 10, 2003

- Services which now fail any part of an operation are now recorded as failed for deferred processing
- Added workaround code to fix problem with recovery options list having bad data; still looking into cause

## 3.76 030210a February 10, 2003

- Redone main list icons (much nicer)
- Changed logic for "locked" services; now more correct for intent (services that the account info cannot be changed for)

## 3.75 030210 February 10, 2003

- Added ability to change failure recovery options for services on W2K+ systems
- Added "service description" column to main display (applicable to services on W2K+ systems)
- Changed "interact with desktop" column to display "[N/A]" for services running as non-built-in account
- [internal] Centralized all runtime Windows 2000 function linkages, implemented function/library delayed/cascading load



**3.74 030203 February 3, 2003**

**3.73 030122 January 22, 2003**

**3.72 030117 January 17, 2003**

**3.71 030116 January 16, 2003**

**3.70 030106 January 6, 2003**

**3.69 030103 January 3, 2003**

- Changed system color in browse dialogs to green
- Added ability to use alternate-admin accounts while browsing network to add system
- Added more logging in set pipeline

**3.68 030102 January 2, 2003**

- Added checks to prevent stopping essential communication services (which could cause SAM to fail)
- Changed Search and Replace to not allow changes to services running as system accounts
- [internal] Restructured data storage for system/service params

**3.67 021212 December 12, 2002**

- Changed search and replace to only affect services which match replace filter

**3.66 021204 December 4, 2002**

- Added more logging in terminal server detection routine
- Added more logging/fixes during service state retrieval
- [internal] Converted all file browse instances to new code (uses newer browse dialogs)



## 3.65 021127 November 27, 2002

## 3.64 021126 November 26, 2002

- Incorporated fixed for crashes when doing operations using alternate admin accounts

## 3.63 021107 November 7, 2002

- Added new graphics (splash, banners, icon)
- Added fade-in for main windows
- Added Tip of the Day
- Added product splash to installer
- Re-architected some of the set pipeline
- All services are now stopped before any work is done, started after all work completed
- Service-independent operations are not repeated per service (some could be)
- Optimized service operation loop to eliminate some dead paths
- Added links for Quickstart and Revision History
- Updated Send Message dialog and Logon Info dialog

## 3.62 021024 October 24, 2002

- Incorporated new graphics, about box.

## 3.61 0321022 October 22, 2002

- Added support for detection of clustered services
- Changes to clustered services are skipped, warning in log
- Configuration dialog for cluster resource types which contain services

## 3.60 021014 October 14, 2002

## 3.59 020930 September 30, 2002



- Merged system add dialogs

**3.58 020920 September 20, 2002**

**3.57 020917 September 17, 2002**

**3.56 020913a September 13, 2002**

**3.54 020913 September 13, 2002**

- Added event logging for operations.

**3.50 020724 July 24, 2002**

- Added Report Generator.

**3.10 011010 October 10, 2001**

- Added Role and revised Platform fields in Domain and Network system browse. New fields displayed when clicking on "Platform?" button.

**3.09 010710 July 10, 2001**

- Added multiple select option to filter dialog
- Revised handling of filter list dialog to remove used entries from the available list
- Removed pop-up message that would request starting of job service (deferred processing) when first entering manage services dialog when job service was stopped0
- Added view and filter current settings to title bar
- Added new XP icons (256 and 16 million color icons plus added all sizes 16,32 and 48 bit icons)
- Added code to handle XP's new NT Authority service accounts (local and network services) and to handle XP service data return data format
- Renamed icon and start menu icons from NT Service Account Manager to Service Account Manager to more accurately reflect support for NT, 2000 and XP



- Updated installer/uninstaller to provide more information for Windows 2000/XP installations
- Added Tips and Techniques chapter to manual to describe how to handle common scenarios and handle common errors encountered with services

## 3.08 010508 May 8, 2001

## 3.07 010506 May 6, 2001

- Added Windows 2000 Active Directory support

## 3.06 010410 April 10, 2001

- Added on-line Help to all dialogs

## 3.05 010305 March 5, 2001

- Add support of shared product key
- Improved handling of impersonation in interactive service management mode

## 3.04 010212a February 12, 2001

- Added refresh of interactive systems/services display at the end of each job

## 3.03 010212 February 12, 2001

## 3.02 010210 February 10, 2001

- Corrected problem with local group memberships assignments
- Corrected problem with impersonation not working in deferred processing mode

## 3.01 010209 February 9, 2001

- Corrected problem with assigning rights to remote systems



- Corrected refresh problem with Search and Replace
- Improved remote cache update code to handle slow start on remote systems
- Revised manual to correct minor typos

## **3.00 010208 February 8, 2001**

- Automatic end of job success/failure tabular report
- Automatic retry of systems found off-line
- Retry interval can be set
- Specific errors on retry can be ignored
- Schedule changes of services at pre-determined time and date
- Scheduling can be one-shot or repetitive (useful for periodic restarts of one or more services at specific times/dates)
- Rewrite remote logon cache when the service account is changed. This is useful for laptop users that disconnect yet need domain account access from services.
- Logging of interactive jobs, deferred jobs and job manager
- Rights granted to service accounts now editable (includes W2K rights)
- Group memberships granted to service account now editable (include W2K rights)
- Context menu (right mouse click) provides convenient access of common actions
- Options include controlling maximum time to wait for services to start/stop
- Statistics provided of maximum start and stop times and services with maximum times recorded
- Ability to skip password retrieval for rapid status reports (10X or more faster)
- Control of end of job display of success/failure and handling of failures
- Display mode (view) now moved to menu pull-down. Most uncommon options now moved to pull-down menu for cleaner interface.
- Add systems dialogs are now multithreaded for faster checks of remote platform on-line and platform information
- Impersonation rewritten to support unlimited number of UserName/Password pairs (multiple passwords for same UserName is now supported)
- Ability to determine which machines are on-line and which credentials (alternate impersonation) provide access using multithreaded code
- Access report can be dumped into a spreadsheet or report
- Logon cache updates can be program for the logon type, provider and number of logons to perform. Test mode allows interactive pretest of credentials before shipping cache updates to remote systems.
- New license key system allows license tokens to be auto-assigned to machines and removed manually at will.
- Internal components can be checked for revision dates
- Current logon information with rights can be displayed via help menu option



- Internal group/machine database can be loaded from ODBC database or can be imported/exported using comma-delimited records

## 2.12 000405 April 5, 2000

- Improved Service password retrieval time 10x or better
- Added columns for Platform, Version, and Startup Type
- Startup type modification now options when setting account properties
- Start/stop order now automatically determined

## 2.01 990628 June 28, 1999

- Added high performance memory manager
- Improved handling of browse dialogs with more descriptive status and error messages
- Modified window resizing code
- Made menu items selectable via mnemonics keystrokes
- Reorganized menu for better organization

## 2.00 990622 June 22, 1999

- Added ability to administer more than one service in a group
- Added filter to control which services are administered/displayed
- Added processing order control to affect order of service processing on each system
- Added search and replace to allow for global replacement of accounts based on user name, password, or both.
- Added Install/Remove service capability with service file copying
- Added network browse support for system list additions
- Moved manual system add to its own dialog box
- Added verification of platform type on PDC and Browse dialogs
- Added impersonation support for browsing
- Revised account dialogs to allow inhibition of addition of account to administrators group and addition of right to logon as a service.
- Corrected handling of Interact with Desktop check box so that it only takes effect when using the System Account (LocalSystem).
- Increased maximum threads to 1000
- Added icons to service and system icons to identify type of item
- Adding resizing on the main window



## 1.20 990201 February 1, 1999

- Added ability to save and restore list of servers to ASCII text files.
- Added ability to change service startup parameters.
- Corrected problem with local accounts not getting correct memberships and rights.
- Windows were made smaller to accommodate lower resolution screens (800 x 600).
- Main window now automatically minimizes when activating group.
- Service Group Management window can now be minimized.
- Lazy select options added to Get and Set options. Lazy option means that all entries in the list will be selected if none are highlighted. The reboot option still requires specific selection/highlight of systems to reboot.
- Window close is now done through control menu or close button in upper right part of screen.
- Recompiled under VC98