

Enterprise Random Password Manager: Revision History

Ver **Build** **Released On**
4.83.3 **111215** **December 15, 2011**

- Added: SAP Netweaver as a management target (Custom account store type library)
- Added: McAfee EPO as a management target (Custom account store type library)
- Added: Oracle WebLogic as a management target (Custom account store type library)
- Added: IBM WebSphere as a management target (Custom account store type library)
- Added: DSRM (Directory Service Restore Mode) password management
- Added: Password Spreadsheet Manager - import and maintain your password spreadsheets
- Added: Password spreadsheet import utility
- Added: Delegation and workflow system for Password Spreadsheet Manager
- Added: Personal password store now supports website links
- Added: Personal password store now supports description fields
- Added: Personal password store disclaimer field
- Added: Configurable themes to the web interface
- Added: System metadata now visible in website
- Added: Links from systems/devices to accounts and account information/metadata
- Added: User account metadata now available in website
- Added: Password history popup to the web application
- Added: System type categorization menu in website navigation menu - can select all systems/devices by system or device type
- Added: Account type column and filter to the password store page of the web interface
- Added: Web application configuration option to the security tab to prevent a user from granting their own password request
- Added: Website delegation permission to allow users to add/edit/delete stored passwords on account stores that they already have access to
- Added: Import/report to the permissions on accounts delegation dialog
- Added: Import/report to the global delegations dialog
- Added: Import permissions menu to the main dialog and added several global permission import operations
- Added: Import/export feature for permissions on groups
- Added: Auto-population of IPMI account store with IPMI credentials if they were successfully used to connect after a scan
- Added: Select-All button on the IPMI scan dialog
- Added: Automatic population of the password store with credentials after any successful connection
- Added: Password change job can now set comments for managed accounts
- Added: Password change job will now allow selecting to run a job against only selected targets or all systems/devices in the management set



- Added: Menu and option in the orphaned systems dialog to cleanup some account store information in group database references for groups that are deleted
- Added: Progress indicators for jobs while running to the status message in the deferred job display
- Added: Progress indicators for jobs that have failed to the deferred job display
- Added: Context menu on Jobs in the Jobs dialog to open the verbose text log
- Added: Filter for Per Management Set delegations dialog to show only management sets with permissions assigned
- Added: Filter for Per Account delegations dialog to show only Accounts with permissions assigned
- Added: Filter for Per System delegations dialog to show only systems with permissions assigned
- Added: Job affinity to the zone processor config to allow password change, refresh, and group update jobs
- Added: Ability to deploy zone processors that are not group locked
- Added: Password activity report in the web application
- Added: Report generation utility to interactive job completion status dialog
- Added: Report generation utility to job properties dialog
- Added: Job completion statistics to Jobs management console dialog
- Added: Job completion statistics to Jobs web dialog
- Added: IIS6 and IIS7 account usage discovery now includes network path credentials
- Added: IIS6 and IIS7 account usage propagation now includes network path credentials
- Added: IBM WebSphere account usage propagation now supports SSH
- Added: Oracle WebLogic account usage propagation now supports SSH
- Added: Ping utility from context menu of management console
- Added: View system details from context menu of management console
- Added: More default answer files
- Added: SSH and Telnet support for custom types that are telnet and SSH
- Added: Progress dialog popups for long-running database operations and display draw operations
- Added: Multiple [subsystem] logging options to log settings dialog
- Added: Linux system info caching to the job dispatch loop to minimize database deadlock frequency on frequent data lookup for system/stored password info during SSH operations
- Changed: Default behavior to the web application instance dialog editor to edit the configuration of selected instances
- Changed: Website filters now mandate selection of a system type
- Changed: SSH/Telnet Library is now a native code implementation rather than a managed code implementation - resolves memory and handle leaks from previous versions
- Changed: SSH/Telnet Library now supports all five variables for all sections (Login Account, Login Account Password, Change Account, Change Account Password, New Password)
- Changed: SSH/Telnet Library now using a new set of variables that are consistent across all portions of the answer files



- Changed: New installation mini-setup wizard now prompts for encryption settings
- Changed: New installation mini-setup wizard now prompts website installation
- Changed: UPN caching algorithm in management console Accounts Store view that would cause to excessively long load times when hundreds of domain controllers for the same domain were in the same management set
- Changed: web application auto-installation procedure now configures settings for File Vault when file vault is enabled
- Changed: IBM WebSphere web integration no longer requires a static account
- Changed: Oracle WebLogic web integration no longer requires a static account
- Changed: Truncated the web activity log export to top 1000 rows to prevent the render from taking too long and timing out the dialog
- Updated: DB query code for auto-created views
- Updated: Oracle query code for large scale operations
- Fixed: Function Block Error if telnet/ssh was not enabled globally
- Fixed: Required DLLs for SSH/Telnet functionality were not being copied to target ZP systems when doing a zone processor install/remove
- Fixed: Improper logging of the authenticator name in the audit log if OATH token login was being used
- Fixed: Username format would not be persisted in the OATH token config dialog after selecting a domain user from browse
- Fixed: Check to see if RDP access is granted would cause an assert and fail
- Fixed: IPMI systems would show up in the list in the web interface once per group they were in
- Fixed: After removing a custom account store from the list the count would not update until next refresh
- Fixed: Change and remove options would not display when viewing passwords in the web interface for randomized accounts with dynamic website display options enabled
- Fixed: Cropping problem on the systems page for the job wizard
- Fixed: Spelling errors
- Fixed: Resizing issues in the web application on certain context menu options mouse-over events
- Fixed: Permissions on accounts dialog would have an extra column
- Fixed: Assertion errors when expanding a SharePoint node in the Accounts Store view
- Fixed: Error on attempted deletion of a locked job
- Fixed: Jobs could immediately show failed status after stopping a job in progress
- Fixed: Uninitialized variable for the Linux password change page that would sometimes cause the login username and password field to not show up
- Fixed: Dynamic group updates involving large explicit exclusion lists could take an excessive amount of time to update
- Fixed: Authentication failures during IPMI operations to report as successful completions
- Fixed: Editing the schedule of a failed job would not reschedule the job
- Fixed: Blank files could cause errors when checking out the file from the file vault



- Fixed: Stored jobs dialog would provide additional filters that could not be used when filtering for an account name
- Fixed: Email alerts for recovered passwords were not occurring for email addresses configured in the global delegations
- Fixed: File vault would be inaccessible to users if the website security option to only store authentication information in the cookie was enabled
- Fixed: Active Directory account password change would fail when delegated rights were only set for "reset password"

4.83.2 110719 July 19, 2011

- Added: OATH Token support for console startup - HOTP/TOTP/Yubico via SMS/Email/Device
- Added: OATH Token support for client access to password recovery website - HOTP/TOTP/Yubico via SMS/Email/Device
- Added: OATH Token Auto Enrollment
- Added: Pass-thru SSH session for non-Windows systems
- Added: Pass-thru Telnet session for non-Windows systems
- Added: IBM WebSphere Account Propagation
- Added: Oracle WebLogic Account Propagation
- Added: SQL Reporting Services Account Propagation
- Added: ViewDS LDAP Directory as a default LDAP directory type
- Added: HP Service Manager direct integration for ticket creation and verification
- Added: Auto-enumeration of MS SQL Database instances
- Added: Support for TN3270 Terminal Types
- Added: Arbitrary account elevation - helpdesk feature
- Added: Customization of email templates for emails sent from website
- Added: IPMI power operations via website
- Added: SDK options - support for IPMI power operations
- Added: RADIUS authentication
- Added: Support for UPN names
- Added: SQL server custom schema support
- Added: Text file mapping import for all management types
- Added: More event sinks
- Added: Filter for Management Set dialog
- Added: Default protocol/answer file configuration for non-Windows systems using answer files: Custom Communication Types
- Added: Standalone installer for integration components to ease remote website and zone processor deployment
- Added: Standalone installer for event server COM wrapper to supplement event sink integration for remote website and zone processor deployment as needed
- Added: Favorites icon to website (URL link)
- Added: More functionality to JAVA SDK operations



- Added: More functionality to Windows only SDK operations
- Added: More functionality to Web Service operations
- Added: New website display mode to reduce number of queries performed to database
- Added: Web site auditing now logs permission changes made from management console
- Changed: Oracle database account enumeration to better work with versions prior to 11g
- Changed: Account bulk import - to support all name spaces
- Changed: Website options - logging password actions to event log with blank field will default to local system's application log
- Changed: When in the jobs display, pressing F5 no longer initiates whatever job is highlighted
- Changed: Description and comment field now available to private password store
- Changed: Removed SSH/Telnet/RDP icons from web UI for more consistent feel
- Changed: Data format being sent to Remedy/HPSM/SCSM to provide better description
- Changed: Confirmation on password delete from website
- Changed: Account stores (databases, IPMI, LDAP directories) are now counted as systems
- Updated: IPMI devices now supports v1.5 and v2.0
- Updated: LDAP authentication servers can now choose to page for accounts list result – some LDAP systems require and some don't
- Updated: Password settings dialog for better identification of options being set
- Updated: Event sink data elements sent - more information across all event sinks
- Updated: Java SDK propagation - support for all name space attributes
- Updated: Query code for website user logon
- Updated: Query code for website user permissions verification
- Updated: Query code for next job run
- Updated: Move/Copy system supports databases
- Updated: Syslog now supports alternate port
- Updated: Authentication servers list can now be ordered (affects website logon)
- Updated: Many event sink's message data to include more useful information
- Updated: Console display options to remove unused display filters
- Updated: Moved "Delegations" to be a top-level menu item
- Updated: Error reporting for some web operations
- Fixed: LDAP users could not properly authenticate to the website resulting in failed logins
- Fixed: Some LDAP directories were not paging query results correctly
- Fixed: Microsoft System Center Service Manager ticket verification did not work
- Fixed: Microsoft System Center Service Manager ticket creation did not work
- Fixed: Testing event sink output for certain output types could cause the management console to crash
- Fixed: All access web account could view all personal passwords
- Fixed: Per account delegations did not work for Databases
- Fixed: Per account delegations did not work for LDAP directories



- Fixed: Delegation changes made in the console get logged with the responsible user account in the website
- Fixed: Zone processors would not retry failed jobs
- Fixed: Workflow icon not showing up for users with outstanding password requests
- Fixed: Many cases that could cause function block errors in the website
- Fixed: Searching for '[' in any table would never return results
- Fixed: Spin jobs creates for various account store types would be generated with incorrect settings
- Fixed: Alternate port support for SSH/Telnet connections not working properly for account discovery
- Fixed: Website COM object could sometimes crash on exit
- Fixed: Deferred processor could sometime crash on exit
- Fixed: IIS 6 Web Services properly enumerated
- Fixed: Failure to move database account stores
- Fixed: Failure to move LDAP account stored

4.83.1 101203 December 03, 2010

- Added: Integration for Microsoft System Center Service Manager
- Added: Integration for Q1 Labs QRadar
- Added: Integration for Privileged User Management (PUM) Systems
- Added: Account properties for Linux accounts
- Added: Account properties for Microsoft SQL database accounts
- Added: Account properties for Sybase database accounts
- Added: Account properties for Oracle database accounts
- Added: More event sinks for new integrations and various product actions
- Added: Multi-instance/multi-system password change jobs for Microsoft SQL databases
- Added: Multi-instance/multi-system password change jobs for Oracle databases
- Added: Multi-instance/multi-system password change jobs for Sybase databases
- Added: Multi-instance/multi-system password change jobs for MySQL databases
- Added: Dynamic port connectivity for Microsoft SQL
- Added: IPMI Device management using IPMI protocol for password management
- Added: IPMI Device auto-discovery
- Added: IPMI Device account discovery
- Added: Web app color option – green bar – alternating rows can have a color defined for easy line identification
- Added: Web app ticket number verification for BMC Remedy & Microsoft SCSM
- Added: Open web application log via context menu from 'Manage Web App' dialog
- Added: Additional 'Account Elevation' settings for local systems or domains
- Added: Web application security options – disable multiple concurrent logins from single user



- Added: Web application security options – embed unique identifier with each page
- Added: Web application security options – use a unique identifier for each request
- Added: Web application security options – disable explicit web application accounts
- Added: Web application security options – store only authentication token in the cookie
- Added: Web application security options – force logout on any page error
- Added: Web application log can be opened from the management console “Manage Web App” dialog
- Added: Option to validate the generation of all event sinks to the target output
- Added: Additional configuration options for BMC Remedy integration
- Added: Can now select Telnet or SSH for connection with Linux/UNIX node
- Added: Can collect system information for Linux/UNIX systems
- Added: MS SQL Database index defragment utility and statistics regeneration for database optimization
- Added: Web application error logging in the website
- Added: When a request for a password is made, the request comment is now visible in the web interface from the requestor for the password approver
- Added: SSH protocol now with support for CTR negotiation
- Added: more options for SDK such as randomizing a password
- Changed: Databases are no longer explicitly tied to systems; adding a database no longer auto-adds the host system to the list
- Changed: Custom account stores provide for admin configuration of target settings and default login accounts
- Changed: Authentication server settings now examine ‘default naming context’ for base LDAP path
- Changed: Authentication server search filter now uses paging to better handle large searches
- Changed: Web site options may be edited per instance without affecting the default configuration
- Changed: Website page layouts to move all ‘actions’ closer to the system and account name columns
- Changed: Zone processor job handling on large system set optimized
- Changed: Namespace categorization for databases
- Changed: Session timeouts now cause the website to force logoff and clear session cookie
- Changed: Reordered global delegation rules
- Fixed: Web application crashes due to improper application unloading
- Fixed: Deferred processor and zone processor lag for large system set job processing
- Fixed: Explicit password input via the website would cause error and/or logout the user
- Fixed: Compliance reports unable to run if dataset was too large
- Fixed: Compliance reports could not run if using an Oracle database
- Fixed: Indexes not created on certain Oracle tables



- Fixed: IIS 7 Propagation
- Fixed: Re-logging a checkout when re-viewing an already checked out password
- Fixed: Linux/UNIX auto-roll jobs got created with Telnet rather than SSH selected
- Fixed: Leading and trailing spaces in system names are no longer treated as real characters
- Fixed: Password change job did not succeed when constraint option to 'Prevent username from appearing in password' was enabled
- Fixed: Zone processor state status properly updated
- Fixed: Password requests were immediately expired
- Fixed: Fixed semi-colon delimited email list issues for client agent

4.83 100708 July 08, 2010

- Added: Out of the box support for more SSH / Telnet devices
- Added: Standard configuration dialog for BMC Remedy integration
- Added: More Event Sinks
- Added: Extended SDK support to non-Windows clients via Java SDK
- Added: Support for non-standard port configuration for all database types
- Added: Per Account Delegations
- Added: Future checkout of passwords
- Added: All delegations support semi-colon delimited email lists (instead of singular email addresses)
- Added: Event sinks support semi-colon delimited email lists (instead of singular email addresses)
- Added: Event sinks output type - Run arbitrary program
- Added: Non-standard port support for password recovery website configuration
- Added: Non-standard port support for password recovery website configuration when using SDK
- Added: Can target a domain controller for account elevation to a domain level group
- Added: Non-local admin can launch ERPM by pre-specifying a run-as account within the program
- Changed: Account comment behavior when updating accounts via the web console
- Updated: Changed where certain operations are performed from DB to main memory to contend with MS SQL limitations
- Updated: Management of MS SQL performance statistics for auto-index creation
- Fixed: Propagation for IIS 7 application pools would improperly re-write domain name
- Fixed: Custom connection string for Oracle databases would not always work as expected
- Fixed: Auto-logon propagation was examining incorrect registry key
- Fixed: Auto-logon propagation was not properly recording fail-to-update events
- Fixed: Remote web-site deployment was not copying all required files causing Syslog write events to not occur



- Fixed: In website, if the compliance DB had been setup but had not previously gathered a data capture from the console, the webpage could error
- Fixed: Missing session cookie information from some web pages could cause sessions to be terminated when using Internet Explorer
- Fixed: Web terminal services session would not always properly initiate a web terminal session
- Fixed: OS Type on system set properties did not work for any system type property other than 'Explicit Inclusions'
- Fixed: Move/Copy function was not adding selected systems to destination system set's 'Explicit Inclusions' list
- Fixed: IP Scanner was not working
- Fixed: System set properties IP Scanner was not working
- Fixed: When using an Oracle database, a user with "View Systems" global delegations could not view any systems
- Fixed: Sorting by account name in the website could cause a system to incorrectly appear twice

4.82 100428 April 28, 2010

- Fixed: Some propagation steps would not work in allowable configurations

4.82 100421 April 21, 2010

- Added: Per system-set delegations
- Added: New propagation - update system logon cache
- Added: New propagation - auto-login account
- Added: New propagation - user defined propagation target (arbitrary process)
- Added: Verification for stored MS SQL passwords
- Added: Verification for stored Linux/UNIX passwords
- Added: Custom propagation steps can be named and saved
- Added: Web interface has new options to view, run, delete jobs
- Added: Jobs now enabled for delegations via website
- Added: Password history now includes all passwords ever attempted to be set
- Added: SDK configuration settings manager and tester
- Added: Web site configuration provides an option to set website address (used for auto-launch of website)
- Added: Recursive membership lookups for website authentication
- Added: Website option to disable COPY button
- Added: Website option during password request to define incident or change
- Added: Incident or change option to determine alert status from website
- Added: A number of answer files for various platforms included in the "AnswerFiles" directory in the installation directory



- Added: Support for DRAC IPMI remote management cards
- Added: DRAC node in the accounts store view
- Added: More event sink options for alerts - MSMQ and ArcSight
- Added: Can set system set comments
- Added: More password change options for AS400
- Added: More password change options for OS390
- Updated: Cross platform support library code error handling
- Updated: Cross platform support library logging
- Updated: Cross platform support library threading
- Updated: Adding systems from website now provides support for all platform types
- Updated: Code for how long password requests will be displayed in the website
- Updated: Internal query and insert routines to improve database performance when using SQL
- Updated: Memory usage for large queries and inserts
- Updated: Response file timeout options
- Fixed: Sybase accounts could not be properly discovered
- Fixed: For Sybase database, if account used to change other accounts was also managed, subsequent password change jobs would fail
- Fixed: For Oracle database, if account used to change other accounts was also managed, subsequent password change jobs would fail
- Fixed: For MS SQL, if account used to change other accounts was also managed, subsequent password change jobs would fail
- Fixed: For MySQL, if account used to change other accounts was also managed, subsequent password change jobs would fail
- Fixed: Task names were not discovered/displayed when determining local account usage
- Fixed: When running arbitrary processes, created processes would not always run
- Fixed: Account names with a % in their name could cause personal vault to not work
- Fixed: SDK could not work without integrated authentication because of error in ASP processing page
- Fixed: System tester would report encryption was enabled when it wasn't
- Fixed: Copy function would copy incorrect characters
- Fixed: When selecting a linux account rather than system for password change, job would not get created correctly
- Fixed: AS400 could not auto-roll a password following recovery
- Fixed: OS390 could not auto-roll a password following recovery
- Fixed: OS390 could not auto-roll a password following a schedule
- Fixed: OS390 was tagged as wrong system type in website
- Fixed: Private password vault could generate an error following recovery
- Fixed: RSA compatibility with 64bit systems
- Fixed: Add external password to store from management console not working properly for single system import



- Fixed: Email reports for password verification or other mail enabled items were not being formatted correctly
- Fixed: Some compliance reports collected incorrect information

4.81 091008 October 09, 2009

- Added: Oracle database (11g) can be used for a backend data store
- Added: Any LDAP compliant directory can be used for user authentication (e.g. Oracle Internet Directory, Open LDAP, Tivoli Directory, etc.)
- Added: Account in any LDAP compliant directory can be managed
- Added: Account discovery for any LDAP compliant directory
- Added: Verification for stored Linux and UNIX passwords
- Added: SSH connection for Cisco and IOS type devices
- Added: Retry DB connection if DB is not available on first connection
- Added: SDK can generate a random password when importing external accounts
- Added: Jobs can be disabled and copied - Job Templates
- Added: Job run-time window (specified amount of time Job can run)
- Added: Management of Sybase Database accounts
- Added: Discovery of Sybase Database accounts
- Added: App Pool Management for IIS 6
- Added: Account propagation for MS SQL jobs
- Added: Account discovery for MS SQL jobs
- Added: Account propagation for SharePoint farms
- Added: Account discovery for SharePoint farm
- Added: File propagation for non-Windows systems and devices
- Added: File propagation now creates a backup copy of the file being modified
- Added: Launch arbitrary program for non-Windows systems and devices
- Added: More event sinks
- Added: Multiple propagation steps can be tied together and ordered (Aggregation of multiple base types)
- Added: Propagation and discovery can be targeted by operating system as well as by system set
- Added: Role based authentication for website
- Added: Response file generator to help resolve connection and management issues for non-Windows systems
- Updated: Alternate Administrative credentials are now stored in the database
- Updated: Website settings now stored in the database
- Updated: Explicit accounts can now leverage a personal password vault
- Updated: Heartbeat monitor will reset a job status if the job gets killed so job is not left locked



- Updated: Linux/UNIX change process has additional options to handle slow responding systems (step timeout)
- Updated: Database improvements - dynamic group updates that took 45 minutes+ may now take only a few minutes
- Updated: Can use integrated or explicit authentication for discovery and management of MS SQL databases
- Updated: Handling of OS/390 and AS400
- Changed: Index optimizer now allowed to work with MS SQL 2008
- Changed: Account map (self recovery) now requires an account name, in addition to a system name
- Changed: "Linux Support Library" now called "Cross Platform Support Library"
- Fixed: Accounts used in non-default (secondary) websites in IIS are properly discovered
- Fixed: Event sink heartbeat monitor would cause deferred processor to hang or stop processing job all together leaving the job in an indeterminate state
- Fixed: When creating a password change job from account store view for a Linux or UNIX system, account name would auto-populate as "Root" and not "root"
- Fixed: Fully decorated account name now displayed for SCOM RunAs accounts
- Fixed: Test SSH and Telnet connections
- Fixed: Multiple event sink events could not be used in a single event sink
- Fixed: Job would run against all systems instead of just new systems when added through dyanmic group updates
- Fixed: SDK could fail to enroll systems

4.80 090512 May 26, 2009

- Added: DB2 Account Discovery
- Added: Management of SCOM Run As Accounts
- Added: SCOM 2007 Run As Account account discovery
- Added: Management of IIS 7 Application Pools
- Added: IIS 7 Application Pool Account Discovery
- Added: SCOM 2007 and SCCM 2007 Management Pack Extras
- Added: Accounts Store view - list of all services, tasks, COM/DCOM, IIS, Application Pools, SCOM Run As account lists
- Added: New website option to [dis-]allow editing of random passwords via website
- Added: More filtering options in jobs dialog to account for different job states and status
- Added: Account Elevation - update a user's group membership on a target system to grant elevated privileges
- Added: Auto-index tuning support extended to SQL 2008
- Updated: Can now manage non-root accounts on Linux/Unix/OSX targets on a scheduled basis



- Updated: Login accounts used for "SU to Root" password management can now be managed
- Updated: SDK with more options and support for SCOM/SCCM Management Pack
- Updated: Linux Support Library updated with better multi-threading abilities and troubleshooting
- Updated: Can manage SSH and Telnet port usage for system refresh, account discovery, and password change jobs
- Changed: Non-Windows systems are no longer displayed in the Windows systems view
- Changed: Prompted to update next run time display when deleting jobs or modifying jobs (has no effect on next run time)
- Fixed: Some event sink notifications were not working as expected
- Fixed: Oracle password change jobs would not always work
- Fixed: "Anonymous" account for virtual directories and "non-default websites" could not be discovered
- Fixed: RDP via web did not work on Vista/2008 activeX problem
- Fixed: Self-recovery rules returns invalid number of arguments error
- Fixed: Properly discover scheduled task "run as" information on Vista/2008

4.72 090313 March 16, 2009

- Added: When Windows accounts are changed, the new password can be emailed to a specified email address
- Added: Can now provide notifications of password recoveries for certain system lists to certain managers
- Added: Status dialog for running threads and thread ID
- Added: Can search for accounts based on account comment field (website)
- Added: Accounts can be edited via the website - update passwords, comments, delete account
- Added: 'Number of systems to display' filter when editing a job
- Changed: All dropdown lists in management app and website are alphabetized
- Changed: account comments will not wrap based on screen size
- Changed: custom propagation no longer defaults to turning on file copy causing errors if not explicitly turned off when no files are being copied
- Updated: New SSH/Telnet Library for better multi-threading support and handling for non-standard configurations
- Fixed: Import external account for single entry, System field is not correctly parsing selected system names when [all highlighted systems] is selected
- Fixed: AS/400 support
- Fixed: Logging errors during password propagation job that showed AT account failed to be managed (display issue only)



- Fixed: Enumeration of accounts in an Oracle database instance can now be properly enumerated for account store view
- Fixed: Enumeration of accounts in an MS SQL database instance can now be properly enumerated for account store view

4.70 081217 December 31, 2008

- Added: Event Sink Modeling
- Added: File Vaulting
- Added: More compliance reports
- Added: Compliance report data capture & scheduling
- Updated: Password history turned on by default
- Updated: Website navigation
- Updated: Linux Support Library - better handling of various distros, SSH, and keys
- Fixed: Paging on personal could not go beyond first page
- Fixed: View Delegation rights without full access
- Fixed: Zone processor editing
- Fixed: Password history for external accounts
- Fixed: Global system exclusion list will cause errors on a job with an excluded system
- Fixed: If SMTP Express was used for mail server, a password "request" would not generate an email notification
- Fixed: IF SMTP Express was used for mail server, settings were incorrectly displayed in website
- Fixed: Date/time issue for non-us standard format

4.50 080903 September 3, 2008

- Added: User Interface for Zone Processing
- Added: Dynamic group OU (LDAP) exclusion list
- Added: Web input for shared external accounts and passwords
- Added: Win32 bulk import of external accounts and passwords
- Added: Accounts store view will show accounts for Linux/Unix
- Added: Accounts store view will show accounts for Databases
- Added: Accounts store view will show accounts for Cisco Devices
- Added: Can now use AD delegations to perform password changes of domain accounts (no longer requires admin rights to manage domain account passwords on a dc)
- Added: Website option for ticket number during password checkout
- Added: Website option for requiring user to specify the exact system to recover password for (disable system/account browsing)
- Added: Website option for disabling system account info columns



- Added: Website option for redirecting password display page back to main page after N seconds to hide displayed password (limits shoulder surfing)
- Changed: Separated propagation steps for scheduled tasks and AT account
- Changed: Separated propagation steps for scheduled COM and D/COM
- Updated: Linux Support Library - better handling of various distros, SSH, and keys
- Fixed: machines on global exclusion list were still being licensed
- Fixed: explicit SQL connection limit not working
- Fixed: display options reverting to default settings
- Fixed: export list to text file
- Fixed: display cache issue when switching from accounts store view to accounts view
- Fixed: animation timer issue
- Fixed: accounts view displayed incorrect last logon and password age
- Fixed: custom propagations when using an explicit account or managed account fails

4.02 080603 June 12, 2008

- Added: Time based access controls for all website functions
- Added: website permissions are now refreshed automatically without having to re-login
- Added: Remote Desktop (RDP/TS) via Password Recovery Website
- Added: Phonetic display of Passwords
- Added: "Accounts Store" View
- Added: Support for clustered services
- Changed: Database I/O optimizations in website
- Changed: Database I/O optimizations in Win32
- Fixed: can manage passwords 60 characters or longer
- Fixed: problem with SQL password change job when managing SQL 2000 and 2005 in the same job
- Fixed: COM+ issues in IIS 7 (Server 2008)
- Fixed: scheduled system refresh jobs can be scheduled as desired

4.01 080318 March 16, 2008

- Added: Custom propagations to call additional programs during propagations
- Added: Custom propagations to perform ASCII, Unicode, or binary file direct manipulation
- Added: RSA SecureID authentication for Win32 App
- Added: RSA SecureID authentication for Web Site
- Added: Hardware Encryption capabilities using any PKCS#11 Hardware provider allowing for FIPS 140-2 Level 2 and Level 3 encryption



- Added: Password request workflow to allow users to request access to passwords
- Added: SDK for managing passwords in autonomous applications such as scripts, batch files and other items by means of a scripting call to the secured password
- Added: Support for Oracle databases
- Added: Support for MySQL databases
- Added: Support for named instances of MS SQL
- Added: Support for mainframes such as OS390 and AS400
- Added: Can now copy and move systems between systems lists
- Added: Automatic re-randomization for all support account types following password recovery (previously this was only for Windows)
- Added: Additional information in website for easier system ID when dealing with multiple domains or IP resolution only
- Added: Option to display all operations logged in the web application
- Added: Machine filter option for web logs
- Added: Item count for jobs monitor
- Changed: Scheduled jobs scheduling information is updated as soon as the job is changed rather than after the next run interval
- Changed: RPM no longer hides disabled accounts
- Changed: Comment field for explicit accounts is now displayed in the web interface
- Changed: Improved load time for displaying passwords in the Win32; No longer loads all passwords when recovering passwords via the Win32
- Changed: Improved default sort method when viewing jobs; shows the most recent jobs first
- Changed: Changed the order of operations during an account rename and randomization job so that name is updated prior to randomization
- Changed: Now displaying a message to select a job when trying to view job details and no job is selected
- Changed: Duplicate system identification process to better detect when a system is listed multiple times with different system names
- Fixed: MS SQL password change jobs failed whenever the new password included a single or double quote
- Fixed: Password verification jobs were not sending emails
- Fixed: Scheduled jobs were not coming out of retry status
- Fixed: Scheduled jobs were not stopping at the maximum retry intervals
- Fixed: Display error on thread count

3.06 080128 February 5, 2008

- Added: Can manage Cisco IOS passwords
- Added: Can manage OSX passwords



- Added: Can use SUDO to change Linux/Unix passwords
- Added: RPM can now provide formal / strict FIPS 140-2 certified encryption of passwords in the central database using an external certified software module
- Added: Comments for External passwords in passwords vault
- Added: Comments for user passwords in personal vault
- Added: Account selection dialog when creating password change job
- Added: Remote connection management via VNC (requires VNC Pass)
- Added: Remote connection management via terminal services (RDP)
- Added: Remote connection via SSH (Required separate SSH install)
- Added: Remote connection via telnet (telnet client must be turned on on target system)
- Added: Remote connection testing via SSH
- Added: Remote connection testing via telnet
- Changed: website no longer uses sessions
- Updated: better support for password changes on various flavors of Linux/Unix
- Fixed: web site had miss-indexed links
- Fixed: RPM could not use stored passwords for alternate connection credentials
- Fixed: RPM was requiring administrative credentials to perform directory lookups for users and computers
- Fixed: Deferred processor would not always install correctly on initial configuration of tool during mini-setup wizard
- Fixed: RPM could not use SMTP Express for its mail server
- Fixed: RPM would not add missing users during a password change operation
- Fixed: IP Scan failed to export systems to specified systems list
- Fixed: Retry policy was ignored when configured to not retry failed systems

3.03 070619 June 19, 2007

- Added: controls for password propagation mechanism
- Added: console delegation, can select which administrators can launch the Win32 Console
- Added: character constraints for password randomization
- Added: can create custom LDAP queries to populate systems lists in dynamic group settings
- Added: password checkouts can be logged to specified system's application log
- Added: password check-in comment
- Added: Users can store their own passwords in the web interface
- Added: Can search and filter by system in the web interface
- Fixed: Resolve by options would always resort back to System Name during a refresh operation no matter what options had been selected



3.02 070327b March 23, 2007

- Added: rename built-in admin account during password change job
- Added: users can recover for explicit systems (self service recovery)
- Added: ability to manage Linux accounts
- Added: ability to manage SQL accounts
- Added: new management console
- Added: filtering option for system and account view
- Added: new jobs dialogue
- Added: filtering options for jobs dialogue
- Added: display option column filtering (hide/show columns)
- Added: additional logging via event viewer for password randomization jobs
- Added: New web interface
- Added: ability to control delegation via console application
- Added: can delegate to users
- Added: can delegate to RPM explicit accounts
- Added: can view the rights of any user or group and how the rights were derived
- Added: support for multiple websites
- Added: cross domain authentication
- Added: support for web service website authentication
- Added: password checkout time extension
- Added: passwords can be checked in
- Added: can limit the number of simultaneous password checkouts
- Added: can view who has a password checked out
- Added: admin can force a password check-in
- Added: Additional logging and log filtering
- Added: if password is not checked in, user can be notified before password is automatically re-randomized
- Added: when passwords are checked in, they will be set to re-randomize immediately
- Added: block password check-in if password is detected as "in-use"
- Updated: database connectivity
- Fixed: memory usage issues during large queries
- Fixed: thread throttling not working
- Fixed: alt-admins will use stored passwords for necessary systems
- Fixed: editing password jobs would not allow you to reset password length past 14 characters
- Fixed: Export systems list to text file would result in a blank file
- Fixed: certain web pages would not handle certain special symbols correctly



2.63 060911 September 21, 2006

- Added: deferred jobs are deleted when corresponding group is deleted
- Added: warning message when selecting integrated authentication that the web application will not support this mode
- Added: integrated SQL authentication ability for password recovery website
- Optimized loading of group data
- Optimized display code for deferred Jobs display
- Optimized deferred processor job logic for determination of next job to run Fixed: buffer overflow with improperly formatted system names
- Fixed: problem where symmetric password change would cause a blank password to be saved
- Fixed: bug that would cause retried jobs to run immediately instead of at re-scheduled time
- Fixed: bug where setting a job to set a static password after setting a random password wouldn't save the settings
- Fixed: bug where the deferred process would not initialize its database settings correctly
- Fixed: bug where the password status report would not always be mailed out when the job run through the deferred processor
- Fixed: bug where deferred processor could not connect to database sometimes

2.52 060601 June 8, 2006

- Added the ability to create and email reports password report jobs, which check stored passwords for validity
- Added more detailed status information to failed password checks in the password status report
- Added a password recovery email alert to the web interface
- Added the recovery comment to the bottom of the recovery alert email
- Added an interactive password test option to the stored passwords dialog
- Added logging and GUI updates to password status report jobs
- Added the ability to update the system auto logon cache when changing passwords
- Added the ability to clear the auto logon cache when changing passwords
- Added the ability to edit all properties of dynamic groups from the managed groups dialog
- Added the ability to store all passwords in a password history accessible through the recovery dialog
- Added the security fix to encrypt database connection passwords
- Add ability a password vault to store external passwords
- Added IP Address and password comment fields to the stored passwords



- Added logging for adding and updating external passwords to the data store
- Added a local accounts namespace to the password status check to fix in domain password checks
- Added filter options to the stored password dialog
- Added the IP Address field and password comment field to the account display in the web interface
- Added the ability to search for stored passwords by IP address to the web interface
- Fixed a bug where the required service rights were not always being added to the deferred processor account
- Re-wrote the password status test to be multi-threaded and single-threaded per system, resulting in a large performance increase
- Changed the behavior of the web application to not auto-spin passwords that were set statically
- Changed the default path of reporting resources to be its own subfolder under the main program directory
- Updated email settings
- Updated UI to be consistent with other tools
- Fixed an issue in the installer that would prevent the report template files from being installed correctly
- Fixed status report jobs that would cause them to stay in a running state if the operation failed
- Fixed a bug that would cause the web installation to fail if the COM+ application was not already found on the target system
- Fixed a bug where the web component would not update all of its settings on install
- Fixed a bug in the web interface which would cause errors if a user belonged to more than 100 groups

2.32 060125 February 4, 2006

- Added – a refresh option is now available in the context menu of the jobs monitor
- Added - a refresh button to the jobs monitor
- Added - the option to push web application registry settings to the Install Web Application Custom
- Added – option in preferences dialog to shorten splash screen display and the ability to dismiss the splash screen with a left-click
- Updated - documentation
- Changed - the install service button in the Deferred Processor Status and Configuration dialog now does an automatic remove before attempting to install
- Fixed – failure to update system status in the main dialog when operations are complete
- Fixed – problems with setting static passwords



- Fixed – the Password Settings tab of the Job Details dialog (accessible via the Jobs Monitor) would show a blank password for jobs with encrypted static passwords
- Fixed – creating a new database through the wizard would fail

1.25 051130 December 5, 2005

- Added: More Encryption options
- Changed: Menu items

1.13 050912 September 18, 2005

- Added: more accounts view filtering options
- Added: color coding for accounts view password age
- Fixed: dynamic group update problems

1.11 050131 February 15, 2005

- Added: more logging during propagation events
- Added: discovery and propagation for IIS accounts
- Added: accounts view filtering options
- Updated: code for storing information into the database
- Changed: where system would attempt to propagate to

1.10 040709 July 21, 2004

- Added: Database creation wizard
- Added: Password age for accounts in "Accounts View"
- Added: In Use count for accounts in "Accounts View"
- Added: basic account management from "Accounts View"
- Fixed: creation of missing database tables

1.01 040211 February 20, 2004

- Added: accounts view
- Updated: account usage discovery mechanism
- Updated: database usage code and stored procedures
- Updated: grid display for better memory usage on large system sets



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0.51 031229a December 31, 2003

- Updated: account usage discovery mechanism
- Updated: database usage code and stored procedures

0.40 020427 March 2, 2002

- Initial Release