



Version 1.5

Release Notes

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By
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Preface

Enterprise-Q is a client/server-based queuing application used to store thousands of pending Tivoli distributions. Enterprise-Q automatically distributes, tracks, reports, and retries any/all Tivoli-related enterprise management activities, including, but not limited to:

- Software Distributions
- Inventory Scans
- Distributed Monitors
- Tivoli Tasks
- Tivoli Product/Patch Installations
- ACP Profiles
- Endpoint Upgrades/Migrations

This guide provides information regarding the product changes and enhancements from version 1.4 to version 1.5.

Who Should Read This Guide

The target audience for this guide includes users and system administrators who are upgrading from v1.4 to v1.5 and may be of interest to those who are installing EQ v1.5 for the first time.

Related Documents

Other documents of interest include:

- Enterprise-Q v1.5 User's Guide
- Enterprise-Q v1.5 Technical Reference

Typeface Conventions

This guide uses several typeface conventions including:

"Quotations"

Used for parameters, filenames, command names, and error message.

Constant Bold

Is used to represent the actual button names and screen names that are referenced in the topic.

1 Enterprise-Q Installation Requirements

Enterprise-Q v1.5 compliant software:

1. *Windows NT 4.0 Server with Service Pack 3, 4, 5, or 6, or Windows 2000 Server with Service Pack 1 or 2.*
 - Windows NT 4.0 Workstation and Windows 2000 Professional may work in a lab environment but it is not supported and should not be used in a production environment.
2. *Solaris 7 or Solaris 8.*
 - Enterprise-Q 1.5 does not support Solaris 2.6 and earlier versions of Solaris.
3. *Apache web server v1.3.6 or greater.*
 - Currently the latest tested version of Apache web server is v1.3.20.
4. *Perl 5.005 (Solaris), Activestate perl build 5.18 or 5.22 (Windows platforms).*
 - Please ensure one of these versions has been installed, as a later version of Perl may not be compliant with Enterprise-Q.
5. *Tivoli Framework 3.2 or higher.*
 - The system should be setup as a TMR Server or Managed Node. The latest version of Tivoli Framework to complete EQ validation testing in a lab environment is v3.7.1.
6. *Netscape 4.x web browser or Microsoft Internet Explorer 4.x or greater enabled to support JavaScript.*
 - The latest tested version of Microsoft Internet Explorer is 6.00. The latest tested version of Netscape Navigator is 6.2.
7. *MySQL 3.23.xx for Win32, or Oracle Server 7.x or higher, or Oracle Client (SQL*Net) capable of connecting to Oracle Server on another host.*
 - The latest tested version of MySQL is 3.23.33. The latest tested version of Oracle is 8.xx.

The above-mentioned software, listing as supported or unsupported, is current as of March 2002. Please, visit www.Enterprise-Q.com for the most recent information on supported software.

For detailed installation instructions please refer to the **Enterprise-Q v1.5 User's Guide**.

2 Enterprise-Q V1.5 New Features

2.1 EQ Server

- It is now possible to specify expiration time in absolute or relative format for transactions when they are submitted from the command line or from the EQ web interface. When expiration time is reached for a transaction in the queue and this transaction is not currently running, the transaction is automatically deleted from the queue and marked as *Expired* in the EQ historical database. A new reserved Message Queue keyword, T_EXPIRE, was added to support this capability
- It is now possible to specify expiration time in absolute or relative format for dispatch requests. When expiration time is reached for a dispatch request the EQ Server removes the dispatch entry from the Dispatch Queue. A new Dispatch Queue keyword, T_EXPIRE, was added to support this capability.
- Message Queue entries can now be expired after a specified number of failed attempts. When a transaction fails the predefined number of times, the Message Queue entry is deleted from the queue and marked as *Expired* in the EQ historical database. A new reserved Message Queue keyword, T_MAXATTEMPTS, was added to support this capability.

2.2 Enterprise-Q Installation

- Enterprise-Q may now be configured to work with a local TMR Server, or with all interconnected TMR Servers in an interconnected environment. When EQ is configured to work with the local TMR Server, only the targets within the local TMR are available from the EQ web interface. When EQ is configured to work in an interconnected environment, targets from all interconnected TMR Servers are available from the EQ web interface.

2.3 Transactions

- Users can now create their own transactions (User Defined transactions) from the EQ web interface. User Defined transactions can be configured to execute any user script or program that returns a status in a pre-defined format as an EQ transaction.
- New EQ custom transaction *EPInstallIRC* was added. This transaction can be used to install Remote Control binaries on endpoints.
- Added new transaction *SPInstall*. This transaction is used to perform *Install* action for SoftwarePackage profiles. Support for other actions (*Remove*, *Undo*, etc) will be released as separate enhancement patches after the EQ v1.5 is released.
- Added new transaction *PolicyRegion*. This transaction is used to create a new PolicyRegion object. Because it is possible to make PolicyRegion name dependant on various target characteristics, such as OS type, IP address, etc, this transaction

may be used to build a Tivoli PolicyRegion hierarchy on the fly. This is particularly useful for new Tivoli installations.

- Added new transaction *ProfileManager*. This transaction is used to create a new ProfileManager object in specified PolicyRegion. Because it is possible to make ProfileManager name dependant on various target characteristics, such as OS type, IP address, etc, this transaction may be used to create ProfileManagers on the fly. This is particularly useful for new Tivoli installations.
- Added new transaction *LinkTarget*. This transaction links a target (ManagedNode, PcManagedNode or Endpoint) to a PolicyRegion and/or Collection.
- The *AutoInventory* transaction is now included in the Enterprise-Q build. This transaction is used to perform automatic inventory of all targets that have not been inventoried for pre-configured number of days.
- The *AutoAV* transaction is now included in the Enterprise-Q build. This transaction can be used to periodically check if there is a new file on pre-configured FTP site, download the new file from the site, copy the file into a directory which is referenced by a FilePackage or a SoftwarePackage, and distribute this profile.
- Added new transaction *InventoryConfig*. This transaction provides support for InventoryConfig profiles introduced in Inventory 4.0, and is used to distribute these profiles.

2.4 Web Interface

- Users can now add their own lists of targets. User lists of targets are different from lists of targets created from EQ web interface pages:
 - User lists have simpler format.
 - User lists can be placed in any directory on the computer where EQ is installed.
 - User lists do not expire.
- Added new page labeled **Tivoli Query Reports**. This page can be used to run any Tivoli query from any Tivoli query library, and display output produced by the query on the web page in easy-to-manage table. Enterprise-Q allows the user to sort, group and/or filter the data as necessary. Furthermore, data in the table may be saved as a list of targets, which can then be used as a target of a distribution.
- Added new page labeled **List of Processes**. This page displays a list of all processes running on the EQ Server computer, and allows the user to kill any of those processes. By default this page is disabled for all EQ users. Instructions on enabling this page are included in the EQ Technical Reference.
- Added new page labeled **Data Cleanup Configuration**. This page allows EQ users to configure when old EQ temporary and data files will be removed, and when old records in the EQ historical database will be purged.

- Configuration of AutoInventory transaction can now be done completely from the EQ web interface. Users can configure AutoInventory behavior, as well as schedule this transaction to execute at specified times, and/or enable/disable AutoInventory execution.
- Configuration of AutoAV transaction can now be done completely from the EQ web interface. Users can configure AutoAV behavior, as well as schedule this transaction to execute at specified times, and/or enable/disable AutoAV execution.
- Added new page labeled **Run Remote Control**. From this page, an EQ user can start a Tivoli Remote Control session on any target in the TMR for which they have access.
- When a new transaction is submitted to EQ Server the distribution parameters for this transactions are now stored in EQ historical database. It is now possible to re-submit this transaction with exactly the same distribution parameters from **Actions Summary Report**, **Status of One Action** or **Node Status** pages.
- Added new page labeled **Tivoli CLI Console**. This page allows an EQ user to execute most Tivoli CLI commands. For security reasons, this page allows the user to execute commands located in the Tivoli binaries directory only. By default, this page is disabled for all EQ users. Instructions on enabling this page are included in the EQ Technical Reference.
- Troubleshooting method for targets is now configurable. EQ web interface can be configured to use direct connection to Tivoli agent, use “wep status” or “wpcmnngnode” commands, or use a combination of these methods. As a result, it is now easier to identify such problems as endpoints not being able to login, or duplicate endpoints.
- Users can now change transaction parameters for multiple transactions at once from the **Queue Status** page.

3 Enterprise-Q Bug Fixes from v1.4

Complete bug descriptions are available for registered users from our web site at the following URL:

<http://www.capitalsoftware.com/cgi-bin/support/CSListBugs.pl>

3.1 EQ Server

- Bug #4: EQ Server on Windows NT no longer crashes when it reaches the maximum allowed number of opened connections to clients (255 connections for Windows NT Server). All connection requests received in excess of the maximum allowed number of connections are now dropped.
- Bug #23: The EQ Server now correctly queues and dispatches transactions that have the same target name but different target type.
- Bug #51: It is no longer possible to change parameters for running transactions. When transaction parameters are changed from the EQ web interface, or using the SETMID command from the command line, and the transaction is currently running, the EQ Server will return an error. The only exception to this rule is the status parameter (T_MSGSTATUS). When this parameter is changed for a running transaction, the EQ Server will change the status of the Message Queue entry to the specified value.
- Bug #65: The EQ Server no longer sets the status of time-restricted transactions to RESTRICTED or QUEUED state one hour prior to the time when the change of the state should actually occur.
- Bug #67: In addition to re-loading transaction (cfg/trans.cfg) and class (cfg/classes.cfg) configuration files, the EQ Server now re-loads EQ Server configuration file (cfg/eq.cfg) when the command RELOADCFG is received.
- Bug #71: When time-restricted transaction is submitted to the queue and the queue already contains similar transaction for the same target with different time-restriction, the EQ Server now correctly sets the status of the transaction to QUEUED or RESTRICTED state.
- Bug #109: The EQ Server now immediately stores any changes to transactions in the queue, so that when the EQ Server is restarted it no longer restores older versions of transactions from the saved queue files.
- Bug #123: Performance of the EQ Server was greatly increased when the transactions are added or deleted from the queue.
- Bug #178: When the EQ Server is restarted and there are some non-finished transactions in the queue, the EQ Server no longer attempts to kill processes related to those transactions. This eliminates the possibility of killing a currently running "innocent" process.

3.2 *Enterprise-Q Installation*

- Bug #1: The installation script now correctly works with Apache web server 1.3.20 or greater.
- Bug #3: The installation script no longer fails if Apache web server service is already installed and/or running. If the installed/running Apache web server is found, then the installation script prompts the user if he wants to reinstall the web server.
- Bug #102: The installation script no longer fails when the creation of Enterprise-Q resources (policy region, task library, or one of internal Enterprise-Q tasks) fails.
- Bug #116: The installation script now logs all errors (including user input errors) into the installation log file (eq_install_log.txt).
- Bug #122: The installation script now prompts the user to re-enter username and password information if the creation of the EQ Server service and Apache service fails due to authorization problems.
- Bug #140, Bug #167: The installation script now verifies Enterprise-Q license information. If previously entered license is invalid then the script asks the user to re-enter EQ license information.
- Bug #177: The “Policy Region containing EQ resources” and “Task library containing EQ tasks” fields on the **Installation Parameters** page no longer display error messages when creation of EQ resources is skipped during installation of Enterprise-Q.

3.3 *Transactions*

- Bug #5: The InventoryProfile transaction now correctly determines the status of inventory profile distribution when the standard inventory profile is distributed to targets in any interconnected TMR.
- Bug #68: The InventoryProfile transaction no longer hangs when distribution of Mcollect-enabled inventory profile fails with error code 256.
- Bug #72: The Task transaction no longer sends extra status messages to the EQ Server.
- Bug #74: The Subscribe transaction no longer returns error message "Transaction finished failure" for all targets when there is a failure subscribing at least one target to a profile manager located in any interconnected TMR.
- Bug #78: The InventoryProfile transaction no longer fails for a target with a name in format “<label>#<TMR_name>” when a standard inventory profile is distributed to the target.

- Bug #79: The InventoryProfile transaction no longer hangs when Mcollect-enabled inventory profile is distributed to a target with a name in format “<label>#<TMR_name>”.
- Bug #80: Inventory distribution no longer fails when one of the targets is ambiguous, i.e. when only target’s label was provided and the label exists in more than one TMR. When an ambiguous target is detected, the InventoryProfile transaction for that target is placed on-hold, and the distribution is attempted for the remaining targets in the batch.
- Bug #89: The InventoryProfile transaction no longer fails to start distribution of standard inventory profile when there are no notices in Inventory notice group, or if all notices in Inventory notice group are expired.
- Bug #96: Q_OPTIONS parameter in AutoInventory configuration file no longer ignored by the AutoInventory transaction. The transaction now also supports a comma-separated list of TMR region numbers in the SCOPE parameter.
- Bug #97: Q_OPTIONS and DISPATCH parameters in AutoAV configuration file no longer ignored by the AutoAV transaction. The transaction now also supports a comma-separated list of TMR region numbers in the SCOPE parameter.
- Bug #99: The AutoAV transaction no longer randomly fails to execute.
- Bug #100: The AutoInventory transaction no longer randomly fails to execute.
- Bug #128: The SentryProfile transaction no longer interprets complete distribution failure (when the wdistrib command fails with error code 256) as a success.
- Bug #174: The FilePackage transaction no longer fails for a target with a name in format “<label>#<TMR_name>” when a file package profile is distributed to the target.
- Bug #175: The FPBlock transaction no longer fails for a target with a name in format “<label>#<TMR_name>” when an FPBlock is distributed to the target.

3.4 Web Interface

- Bug #21: During processing of custom profile/profile manager names and EQ scripts, Enterprise-Q now uses DNS to determine endpoint’s hostname. If the endpoint’s hostname cannot be resolved through DNS, the endpoint’s label is assumed to be the hostname.
- Bug #30: Some custom EQ transactions (endpoint upgrade, endpoint migrate, etc) no longer show unsupported target types on the **Perform Action** screen.
- Bug #34: Users no longer receive web server error messages when two users access the same EQ page at exactly the same time.

- Bug #46: The EQ web interface now uses cookies to store the size of many pop-up windows. This allows the EQ web interface to remember the size of pop-up windows even if the user closes all Enterprise-Q pages or completely closes the browser.
- Bug#77: Enterprise-Q now correctly performs troubleshooting of endpoints with LCF agent version v93 or greater.
- Bug#93: The "Target" column on the **View Running Transactions** page no longer shows targets for which the distribution already failed or succeeded.
- Bug#103: When invalid data is entered in almost any input field on the **Perform Action** page or any other EQ configuration page, the browser now changes input focus to the field with invalid value after displaying an error message.
- Bug#113: Lenient Flag Processing when Lenient Flag is TRUE: Leaving 'Expand Subscriber Lists' unchecked displays a list of direct subscribers only. Checking this box displays all possible targets in the environment.
- Bug#127: Many web interface pages no longer request queue information directly from the EQ Server. Instead, the pages now read the queue information from EQ Server queue recovery files.
- Bug#131: Browser cursor no longer permanently turns to "hourglass" cursor on many EQ pages when the user clicks on the checkbox selection/deselection links labeled "On" and - "Off".
- Bug#170: When user clicks multiple times on the "Update Data in Database" button, the popup window no longer displays HTML error.
- Bug#176: Browser cursor no longer permanently turns to "hourglass" cursor when the user clicks on the "Help" button in the top bar.
- Bug#182: Enterprise-Q now always checks for errors when it retrieves the list of profile subscribers.
- Bug#195: Browser cursor no longer permanently turns to "hourglass" cursor when the user clicks on "Add Transaction", "Add command" or any existing transactions or commands on the **Edit Scripts** page.
- Bug #197: When the user opens two different browser windows to access Enterprise-Q on different hosts, and tries to access the same popup window in both browser windows, each browser will now open the popup window in a different browser window instead of sharing one browser window.
- Bug #219: Size of popup windows is now correctly saved and restored in Netscape 6.x.

3.5 Other

- Fixed a few bugs in EQps.exe program. EQps.exe program is used by EQ timeout procedure. In Enterprise-Q v1.5 it is also used to display a list of running processes on the **List of Processes** page. The following bug fixes are included in Enterprise-Q v1.5:
 - Bug #75: EQps.exe program now shows parent process ID for processes under Windows 2000.
 - Bug #110: EQps.exe now displays an error message if it can't kill a process due to authorization or any other error.
 - Bug #115: When the user requests to kill a process the Eqps.exe program now tries to shutdown the process gracefully. If the process cannot be shut down gracefully for 10 seconds then the program uses an "extreme" method to kill the process unconditionally.
- Bug #81: EQ database status update program and data cleanup program no longer fail when they are started as cron jobs under Solaris.
- Bug #117: EQ database status update program now correctly updates data for a target in EQ historical database when a record for the target with the same name but different case of letters (for example, "Node1" and "NODE1") already exists in the database.

4 Enterprise-Q v1.5 Assorted Enhancements

- Modified **Perform Action** screen:
 - Targets in lists of targets on the page can now be quickly selected or unselected using new **Select** and **Unselect** buttons located next to the lists.
 - The page allows the user to view basic information about currently selected InventoryConfig, SoftwarePackage, FilePackage, or InventoryProfile transaction.

- Modified **Node Status** page:
 - *Run Actions* section is now hidden by default.
 - List of currently selected actions in the *Run Actions* section can now be saved to a file, and loaded when necessary for this or another target.
 - Target troubleshooting can now be performed in a pop-up window.
 - By default the *Actions for <target>* section no longer shows all jobs for all actions. When the page is opened the section now shows only the latest job for each action type. The **Show All Jobs** and **Show Most Recent Jobs** buttons can be used to switch between different viewing modes.
 - The page now displays detailed status of transactions that are executed by the EQ Server. These transactions can be in *Batching*, *Starting* or *Running* modes.
 - It is now possible to tell the EQ Server to stop transaction execution by changing the status of running transaction to *Failed* or *Onhold* using “Mark as Failed” or “Put Onhold” buttons respectively.

- Modified **Queue Status** page:
 - Message Queue entries are now displayed with the *Dispatched* status if the corresponding target is in the Dispatch Queue.
 - This page now displays detailed status of transactions that are executed by the EQ Server. These transactions can be in *Batching*, *Starting* or *Running* modes.
 - It is now possible to tell the EQ Server to stop transaction execution by changing the status of running transaction to *Failed* or *Onhold* using “Mark as Failed” or “Put Onhold” buttons respectively.

- Modified **View Dispatched Targets** page:
 - Added column *Type* to the displayed data. This column contains the type of the dispatched target.

- Modified **View Running Transactions** page:
 - Removed the column *Reason*.

- Modified **Edit Group** page:
 - Added **Unselect** icon to menus on the page. The icon is used to unselect all users currently assigned to the group.

- It is now possible to create a new group without assigning any users to this group.
- Modified **Edit User** page:
 - Added **Unselect** icon to menus on the page. The icon is used to unselect all groups associated with current user.
- Many web interface pages now include *Collapse All* and *Expand All* buttons as part of table formatting options. These buttons can be used to collapse or expand all groups in the table displayed on a page.
- Changed filtering method in table formatting options on many pages allowing the user to filter data based on multiple criteria (i.e. STATUS includes “FAILED” and REASON includes “HMAC”).
- Modified enduser part of EQ web interface:
 - A list of profiles displayed to endusers can now be optionally limited to profiles to which the enduser’s target is subscribed. This option is configurable on the **Enduser GUI Configuration** page.
 - All enduser pages can now display “human” names instead of Tivoli profile names. These “human” profile names can be assigned to Tivoli profiles on the **Enduser GUI Configuration** page. It is also possible to disable access to some profiles just for endusers on this page.
 - Distribution options on the **Perform Action** page can now be optionally replaced with a confirmation screen. If enduser confirms the transaction submission then the transaction is queued with default distribution options. This option is configurable on the **Enduser GUI Configuration** page.
 - Endusers can now have their own distribution default values. The **Action Defaults** configuration page can be used to edit default values for individual actions and action groups for endusers.
- It is now possible to extend the size of an ERROR column in EQ historical database. Also, the default size of the column was increased to 1024 bytes. This column holds the error or success message returned by the corresponding EQ transaction. The size of this column determines how much of the message is visible on the **Status of One Action** and **Node Status** pages.
- All links to EQ configuration pages were moved from the EQ front page to a new **EQ configuration** page.
- When the EQ Server invokes a Timeout script to kill a timed-out EQ transaction, the script now has an ability to look for multiple potentially hung sub-processes of the EQ transaction instead of looking for only one predefined sub-process name.
- Modified **EQ GUI Configuration** page:

- It is now possible to exclude profile/other Tivoli resource names from listing on the **Perform Action** and other pages. If necessary, the user can exclude individual Tivoli resource names, and/or all names matching a custom mask.
- It is now possible to hide unused transaction groups on the **Perform Action** page as well as on other web interface pages. For instance, a Tivoli Framework 3.6.2 environment can now hide the Software Package and Inventory Config transactions.
- Time of scheduled transactions can now be changed without resubmitting the transaction to the queue. To change scheduled time for one or more transactions use the “Change Records” button on the **Queue Status** page, or change the scheduled time for individual transactions on the **Node Status** pages.
- The EQ web interface now has an option to prompt any user for the name of the target he wants to manage when the user logs into EQ web interface.
- Modified **EQ Server Config file** page:
 - Users now have an option to tell the EQ Server to reload configuration data from the EQ Server configuration file.
- When the EQ Server receives the dispatch message from the login policy script, the EQ Server now stores the target name and IP address into a temporary directory. EQ web interface pages may use this information to resolve the endpoint’s IP address to the endpoint’s name instead of contacting the endpoint and getting the endpoint name from the endpoint directly.
- Added **Refresh** button to the **EQ Select Target** popup window.
- EQ Server:
 - Added new keyword *T_DISPATCH*. If submitted transaction (i.e. *T_MSG=ADD;T_TRANS=<trans>...*) includes this keyword and it is set to “1” then the targets associated with the transaction will be dispatched immediately after queuing.
 - In addition to specifying a list of targets in the *T_TARGETS* keyword of a *T_MSG=ADD* message, the transaction can now include *T_TFILE* keyword to point to a file containing a list of targets.
 - The EQ Server now saves contents of all queues to a disk immediately after starting only if the queues on the disk are not up-to-date, i.e. only if the EQ Server was not shutdown gracefully before, or if there were any running transactions during server shutdown. Old behavior of the server was to always store contents of all queues to a disk immediately after starting the server.
 - The command *READDQ* was modified to return types of dispatched targets.

5 Bug Fixes in Enterprise-Q 1.5 Build 20020516

- Bug #82 (Solaris): The FilePackage transaction no longer fails to read data from a FilePackage log file when the log file resides on a Unix managed node.
- Bug #228 (Windows): Enterprise-Q installation script now properly connects to Oracle database if the path to Oracle home directory contains the " " (space) character.
- Bug #229: Install and Patch transactions now set media every time before calling wpatch or winstall commands. Install transaction now uses different method to specify name of the server where installation image resides.
- Bug #230: Added enduser versions of help files for the "Perform Action" and "User Preferences" screens.
- Bug #231: The status of script completion is now correctly recorded in the EQ historical database.
- Bug #237 (Solaris): The "Perform Action" page no longer fails to display a list of products/patches when the user selects a patches or products description file located on the managed node other than EQ Managed Node.
- Bug #238 (Solaris): FilePackage transaction no longer fails to read data from a FilePackage log file when the log file is located on remote ManagedNode.
- Bug #239 (Solaris): FPBlock transaction no longer fails to read data from a FilePackage Block log file when the log file is located on remote ManagedNode.
- Bug #240 (Solaris): The FilePackage transaction could potentially return the status of old distribution. This problem is now fixed.
- Bug #241 (Solaris): The FPBlock transaction could potentially return the status of old distribution. This problem is now fixed.
- Bug #242 (Windows): FilePackage and FPBlock transactions no longer fail to read data from a log file when the log file is located on remote Unix managed node.
- Bug #243: EQ user no longer can use the "Edit Users/Groups/Templates" pages to assign privileges to other users than exceed privileges of the EQ user.
- Bug #246: EQ Server v1.5 now does not log error message "Invalid data passed to HashMsg: " when the request string contains an extra semicolon at the end.
- Bug #248: When the EQ user edits existing transaction, command or a string in a popup windows, a '+' character is now properly displayed in the popup window.

- Bug #249: When a user views or edits transaction in existing script that was created using Enterprise-Q 1.4, current default values for fields that didn't exist in EQ 1.4 are no longer added to the transaction.
- Bug #250: When many transactions are submitted to the queue at once, all of the transactions in the queue now have the correct date.

6 Awareness Notes for EQ v1.5

- Bug #21: During processing of custom profile/profile manager names and EQ scripts the Enterprise-Q may substitute endpoint's label instead of endpoint's hostname if the EQ cannot resolve endpoint's IP address to a hostname using DNS. Currently there is no workaround for this bug.
- Bug #31: When Enterprise-Q is installed together with the MySQL database, the installation script assumes some default settings for MySQL (no password for root account, and "equser" name and no password for EQ database account), which may not be correct for customer's MySQL configuration. The easiest way around this problem is to:
 - Temporarily disable the password for MySQL root account if it's enabled,
 - Install Enterprise-Q and allow the Enterprise-Q to create all necessary tables in the MySQL database,
 - Enable the password for MySQL root account if you disabled it previously,
 - Change username and password for "equser" account in the MySQL database,
 - Update the MySQL username and password on the **Installation Parameters** page.
- Bug #61: *AutoPack* transaction cannot determine a condition when a target is not subscribed to a profile manager containing distributed AutoPack profile. In case if the distribution was initiated for multiple targets (i.e. more than target was passed to the AutoPack transaction) then the distribution will fail for all targets even if all targets but one are valid subscribers to the profile. Currently there is no workaround for this bug.
- Bug #101: The Enterprise-Q web interface identifies all Windows 2000 and Windows XP targets as Windows NT targets. The reason is that the real OS name of the target is not available locally (Tivoli uses the same interp type *w32-ix86* for all three operating systems), and the only way to determine target's real OS name is to contact the target. The EQ web interface currently does not do that because contacting the target may introduce a prolonged delay in getting the real OS name (and therefore a prolonged delay in displaying some EQ pages), or it may not return any data at all if the endpoint agent is not running. Currently there is no workaround for this bug.