Release Notes for McAfee® ePolicy Orchestrator® 4.6.3

About this document
Thank you for choosing McAfee® software. This document contains important information about the current release. We strongly recommend that you read the entire document.

- About this release
- Known Issues
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About this release
- Released: June 13 2012
- Release Build: 4.6.3.197
- Rating: High Priority

This release was developed for use with:
- ePolicy Orchestrator 4.0 Patch 7 (build 1363)
- ePolicy Orchestrator 4.5 Patch 3 (build 937) or later
- ePolicy Orchestrator 4.6 (build 1029) or later
- ePolicy Orchestrator 4.6.1 (build 1192)
- ePolicy Orchestrator 4.6.2 (build 201) or later

Rating
Rating: High Priority

This release resolves several security-related issues. McAfee recommends this release for all environments. This update should be applied at the earliest convenience.

For more information, see Ratings for Hotfixes and Patches in McAfee KnowledgeBase article KB51560.

Known Issues
For known issues refer to McAfee KnowledgeBase article KB75517.

Resolved issues
The following issues have been fixed in this release.

**NOTE:** This ePolicy Orchestrator Patch includes the resolved issues released in earlier patches. For a list of previously resolved issues, see the Release Notes for the specific patch.

**NOTE:** McAfee does not disclose the nature of security-related issues and their resolutions.
1. **Issue** — When upgrading extensions using the Software Manager, extensions may not be upgraded in the correct order, causing upgrades to fail. (Reference: 702003)
   
   **Resolution** — Extension dependencies are evaluated when upgrading extensions so the upgrades occur in the correct order.

2. **Issue** — Event Parser fails to process events. (Reference: 710912)
   
   **Resolution** — The ePOEvent table ServerID field was updated so that events are parsed successfully.

3. **Issue** — System Tree refreshes the whole page when moving groups. (Reference: 743789)
   
   **Resolution** — Just the tree refreshes with updated content.

4. **Issue** — Hidden policies are displayed on the **Assigned Policies** tab. (Reference: 688735)
   
   **Resolution** — Hidden policies are not displayed on the **Assigned Policies** tab.

5. **Issue** — The ePolicy Orchestrator incorrectly uses the term "O’clock" in the English (UK) locale. (Reference: 693931)
   
   **Resolution** — The term “O’clock” is not used within the ePolicy Orchestrator console.

6. **Issue** — When checking in packages with shared files, the second checkin will not overwrite files in the repository. (Reference: 698510)
   
   **Resolution** — The check in process checks for file existence. It will copy the files even if the detection script version from catalog.z indicates the file is current.

7. **Issue** — No warning message appears when trying to import a policy with the same name as the shared policy. (Reference: 701646)
   
   **Resolution** — A warning message appears when trying to import the policy.

8. **Issue** — No warning message appears when trying to import a read-only policy. (Reference: 701647)
   
   **Resolution** — A warning message appears when trying to import the policy.

9. **Issue** — The **System description** and **custom properties** fields of a managed system cannot be cleared out after they have been populated with data. (Reference: 679260, 702808)
   
   **Resolution** — The **System Description** and **custom properties** fields can be cleared.

10. **Issue** — When importing a Policy Assignment Rule, the policy name is displayed incorrectly. (Reference: 703212)
    
    **Resolution** — The policy name is displayed in the proper format.

11. **Issue** — On the **Client Task Catalog** page, the last item selected is not persistent. (Reference: 707094)
    
    **Resolution** — The last item selected persists on the **Client Task Catalog** page.

12. **Issue** — An upgrade from 4.6 fails if the existing database name is different from current system name of the ePolicy Orchestrator server. (Reference: 706382)
    
    **Resolution** — An upgrade from 4.6 to 4.6.3 is successful even if the database name does not match the current system name of the server.

13. **Issue** — AD Sync Server Task failures do not indicate which sync points failed. (Reference: 707774)
    
    **Resolution** — The Server Task Log error includes which AD sync point failed.

14. **Issue** — Data Channel “dcRedirect” Web app does not upgrade. (Reference: 753733)
    
    **Resolution** — “dcRedirect” Web app properly upgrades and downgrades during ePolicy Orchestrator upgrade and rollback.

15. **Issue** — Hidden policies can be exported. (Reference: 693326)
    
    **Resolution** — Hidden policies are omitted while exporting policies.

16. **Issue** — Using **Select All** for resetting inheritance in a Policy Assignment Broken Inheritance query does not reset
17. Issue — Scrolled position is not persistent on the Policy Assignment Rule page. (Reference: 707807)

Resolution — Scrolled position is now saved on the Policy Assignment Rule page.

18. Issue — The Threat events rollup task fails with a “Violation of PRIMARY KEY constraint” error. (Reference: 758014)

Resolution — The Threat event rollup task succeeds.

19. Issue — Product property external ID values are not correctly set in Rollup. (Reference: 765237)

Resolution — External ID is set correctly in Rollup.

20. Issue — Table scrolling on the System Tree is not persistent after drilldown. (Reference: 707074)

Resolution — Table scrolling on the System Tree is persistent after drilldown.

21. Issue — Distributed repository replication credentials are not saved. (Reference: 738050)

Resolution — Distributed repository replication credentials are saved.

22. Issue — When attempting to delete multiple events from the Threat Event Log and several events are selected, if one event is then unselected, the events are not deleted. (Reference: 739412)

Resolution — Events are deleted in this scenario.

23. Issue — A Page expires message is displayed on Internet Explorer 9 by clicking the back button on the Server Setting, Security Keys page when registering an ePolicy Orchestrator server. (Reference: 700880)

Resolution — An informational message is displayed to the user when the back button is selected from the Server Keys page.

24. Issue — Agent to server communication may fail after a rollback from a failed upgrade to ePO 4.6.x. (Reference: 728395)

Resolution — Rollback does not cause agent to server communication failures.

25. Issue — An unexpected error message appears on the Client Task Assignment page. (Reference: 698092)

Resolution — The unexpected error no longer appears.

26. Issue — When a meta extension manages multiple versions of a point product it does not properly send the policies when the end node is upgraded. (Reference: 754707)

Resolution — Policies are sent to the end node properly when the end node is upgraded.

27. Issue — No warning message is displayed when deleting a tag that is in use by client tasks. (Reference: 728490)

Resolution — A warning message appears when deleting a tag that is in use by client tasks.

28. Issue — Detections are not processed by the Agent Handler due to a Rogue System Detection plugin error. (Reference: 761147)

Resolution — Microsoft Visual C++ 2010 Redistributable is installed by the Agent Handler installer, if this required component is not already present.

29. Issue — Selecting the Disable System Tree sorting checkbox does not disable sorting. (Reference: 752730)

Resolution — The Disable System Tree sorting option works properly.

30. Issue — An unexpected error message occurs when closing the an aged Systems for Subnet view in Rogue System Detection. (Reference: 726455)

Resolution — An unexpected message no longer occurs when closing this view.

31. Issue — The Run Client Task Now option reverses selection when all computer objects are selected and a few are deselected. (Reference: 718971)
32. **Issue** — Only one SNMP server can be configured in Registered Servers. (Reference: 713451)
   **Resolution** — Multiple SNMP servers can be registered.

33. **Issue** — The Quick System Search feature does not work when searching by MAC address. (Reference: 702807)
   **Resolution** — The Quick System Search feature allows searching by MAC address.

34. **Issue** — Internet Explorer hangs when trying to edit Permission Sets. (Reference: 720058)
   **Resolution** — Internet Explorer does not hang when trying to edit Permission Sets.

35. **Issue** — If Microsoft Forefront Threat Management Gateway client is installed, trying to check in extensions may cause the ePolicy Orchestrator tomcat5.exe service to exit unexpectedly. (Reference: 704505)
   **Resolution** — Tomcat is not terminated in these conditions.

36. **Issue** — Server Tasks do not clear Exception category, but Exception flag is reset. (Reference: 732685)
   **Resolution** — Server Tasks clears Exception category along with Exception flag being reset.

37. **Issue** — After upgrading to ePolicy Orchestrator 4.6.x, clients may fail to communicate until the ePolicy Orchestrator services are restarted. (Reference: 727093)
   **Resolution** — Clients communicate successfully after upgrade.

38. **Issue** — A server task created to delete events over 30 days does not delete all events and sometimes deletes nothing. (Reference: 723907)
   **Resolution** — A server task created to delete events over 30 days deletes all events as expected.

39. **Issue** — Deleting client task assignments with a large number of assignments takes a long time. (Reference: 716808)
   **Resolution** — Deleting client task assignments with a large number of assignments, has a significantly reduced execution time.

40. **Issue** — Client tasks show different details in the UI for subgroups. (Reference: 716743)
   **Resolution** — Client tasks options match at child group and system levels.

41. **Issue** — Policies take a long time to appear in the Policy Catalog when managing a large number of clients. (Reference: 716685)
   **Resolution** — Displaying policies in the Policy Catalog is much faster.

42. **Issue** — The Apache service on Agent Handlers might occasionally crash. (Reference: 710764)
   **Resolution** — The stability of the Apache service on Agent Handlers has been improved and should not crash.

43. **Issue** — Selecting the “Preset” filter after selecting the “Custom” filter has no effect on displayed Threat Event Log data. (Reference: 710100)
   **Resolution** — Changing the “Preset” filter with a “Custom” filter applied displays a new result set.

44. **Issue** — Multi-slot policies cannot be disabled at a branch when inheriting from the global root. (Reference: 705268)
   **Resolution** — The Disable option is no longer available in this scenario.

45. **Issue** — An HTTP 400 error appears when attempting to import more than 350 tags at once. (Reference: 705215)
   **Resolution** — Importing a large number of tags is successful.

46. **Issue** — Detected systems queries prevent sending a McAfee Agent install action if **Select all rows** is selected. (Reference: 698911)
   **Resolution** — The push agent action for detected system queries supports the **Select all** option from the data source.

47. **Issue** — After upgrading from ePolicy Orchestrator 4.6 to ePolicy Orchestrator 4.6.x, Rogue System Detection Automatic Responses stop working. (Reference: 711259)
**Resolution** – Rogue System Detection Automatic Responses still function after the upgrade.

**Issue** - When a duplicate of a policy is made within policy configuration, the notes of the policy name are not saved. (Reference: 738515)

**Resolution** – Duplicating a policy from within the policy settings will now correctly duplicate the policy notes.

**Issue** - When a managed system sends more users to an Agent Handler than the Agent Handler can support, the Agent Handler forcibly shuts down and restarts. (Reference: 739764)

**Resolution** – There is no limit in the number of users a managed system can send to an Agent Handler.

**Issue** - If an Automatic Response is created with an OUI filter criterion, then the orion.log file is repeatedly filled with the following error message: "Serialization Exception when converting rule to SQL." (Reference: 740861)

**Resolution** – The OUI field of Rogue System Detection detected systems can be used for triggering Automatic Responses without causing an error.

**Issue** – The ePolicy Orchestrator installer displays no error or logging when jar.exe fails and extensions are not checked in. (Reference: 743841)

**Resolution** - If the installer is unable to extract the version of an extension, it attempts to check it in anyway. If the checkin fails, an error is logged. In addition, the installer does not copy, run, and delete jar.exe each time it is needed. Instead the installer copies jar.exe only if it is not already present, run it, and only deletes it at the end of the install.

**Issue** - After an upgrade to ePolicy Orchestrator 4.6.x, the option to manually enter the OU information into the Container field for AD synch is no longer available. (Reference: 751823)

**Resolution** – An additional field is available to allow users to manually add Active Directory containers to their container list.

**Issue** – The Wake up Agent using selection on the Server Task Summary page displays the opposite of what was chosen on the Actions page. (Reference: 753151)

**Resolution** – The Use All Handlers/Use Last Registered Handler agent wake up configuration choices have been corrected.

**Issue** - Saving changes on Permission Sets takes a very long time. (Reference: 759001)

**Resolution** - The saving of System Tree permissions to save the permissions for a whole group subtree rather than individual groups is optimized.

**Issue** - When attempting to set a group filter for a new Managed Systems query, the filter window takes several minutes to populate the System Tree to select a group from the list. (Reference: 761273)

**Resolution** - Pre-loading the groups from the System Tree is turned off to allow the filter window to load faster.

**Issue** – Removing task settings when editing a client task does not remove them from the client task. (Reference: 765903)

**Resolution** – The saving of client task settings deletes the old task settings before inserting new ones.

**Issue** – The System tree sorting option for AD Sync tasks becomes unselected when reverting to saved changes. (Reference: 740538)

**Resolution** – The System tree sorting option saves and persists properly.

**Issue** –Clicking Add to add a container as an AD Sync point produces a long delay. (Reference: 752767)

**Resolution** – An additional field allows users to manually add Active Directory containers to their container list to bypass browsing for containers.

**Issue** - When trying to edit permission sets, Internet Explorer hangs due to the pre-loading of the whole tree when the System Tree permissions tree is viewed. (Reference: 707011)

**Resolution** – The System Tree permissions tree is not pre-loaded.

**Issue** –The System Description is updated by AD Sync tasks and then overwritten at the next agent to server
communication with local computer descriptions. (Reference: 684884)

**Resolution** – The local computer descriptions reported by McAfee Agents are no longer overwritten with the System Description information during AD Sync tasks.

61. **Issue** – The AD Sync task is deleting and recreating systems from the System Tree, if the machines are moved from a group higher in the tree to a group lower in the tree. (Reference: 691301)

**Resolution** – Systems are not deleted and re-added when moving from one group to another.

62. **Issue** – Daily update tasks reflect the correct setting on sublevels when viewed as inherited. (Reference: 685147)

**Resolution** – The update task settings show the correct settings for inherited tasks.

63. **Issues** - When Automatic Responses are enabled, the Tomcat service stops allowing logons and receives “out of memory” errors. (Reference: 686303)

**Resolution** – The notification extension is limited to processing events in batches rather than all at once.

64. **Issue** – The Automatic Response file containing a SNMP trap action fails to import. (Reference: 765176)

**Resolution** - The exported Automatic Response file has an improved format to avoid issues on import.

65. **Issue** - Categories of Registered Servers allowed for SNMP servers but combined ePolicy Orchestrator and LDAP servers under one category. (Reference: 713485)

**Resolution** - Registered Server categories are specific to server type.

66. **Issue** - Certain extensions can be checked in through the extension manager but not the Software Manager. (Reference: 761200)

**Resolution** - Extensions are loaded using the same method for checkin from the Software Manager or the extension manager.

67. **Issue** - Changing a runtime parameter on a report in the Server Task is reverted. (Reference: 701869)

**Resolution** – The system retains the user selection for runtime parameters.

68. **Issue** - Changing the dashboard monitor time-out fails to validate the change and OK remains unavailable. (Reference: 701770)

**Resolution** - Changes to the dashboard monitor time-out are validated when changed and the user can select OK to save the changes.

69. **Issue** - Custom filters on log pages override the user’s previous choices. (Reference: 687745)

**Resolution** - Custom filters can be used in conjunction with other filter options.

70. **Issue** - For LDAP compatibility, some characters that are allowed in Distinguished Names are not being escaped. (Reference: 735435)

**Resolution** - Characters that are escaped and allowed in Distinguished Names, contained in square brackets: [\ # + < > ; " = leading or trailing spaces].

71. **Issue** - Import and export of an Automated Response file is blocked by improper XML coding. (Reference: 697504)

**Resolution** - Various XML header information is dynamically handled for more successful import.

72. **Issue** - Part of the Data Channel extension is not upgraded to the latest version when a patch is installed. (Reference: 658421)

**Resolution** - All parts of the Data Channel extension are upgraded.

73. **Issue** - User column preference settings are overwritten when accessed from query results or a dashboard. (Reference: 755499)

**Resolution** - User column preferences for displayed columns are saved correctly.

74. **Issue** - ePolicy Orchestrator services take too long to start up. (Reference: 721579)
Resolution - Changes to the startup procedure resolve timeouts when waiting for unavailable outbound connections.

75. Issue - The Query Builder filter page could not handle thousands of filter items and render the results in a timely manner. (Reference: 705995)

Resolution - Client-side JavaScript reduces the time needed to render the Query Builder page.

76. Issue – Upgrading from ePO 4.0 fails due to a database scripting issue. (Reference: 681621)

Resolution – Updated scripts perform 4.0 database clean-up prior to the upgrade.

77. Issue – Agents occasionally return incorrect ipV6subnet information that suggests all IPs in the network are in the subnet. (Reference: 699813)

Resolution – Invalid subnet records are removed upon installation of ePolicy Orchestrator 4.6.3. In addition, RSD ignores invalid subnet values from agents.

78. Issue - Users are not able to log on after the Certificate Based Authentication server setting is disabled. (Reference: 734485)

Resolution - When enabling or disabling the Certificate Based Authentication setting, the resulting trust store configuration will does not disrupt users’ ability to log in.

**Installation instructions**

The McAfee ePolicy Orchestrator 4.6.0 Software Installation Guide, PD22974, provides instructions for installing or upgrading the ePolicy Orchestrator software and the Agent Handler software, including a cluster environment configuration.

**Important:** Before proceeding with the upgrade process, see McAfee KnowledgeBase article KB71825 for important steps to take prior to this upgrade.

**Find product documentation**

McAfee provides the information you need during each phase of product implementation, from installation to daily use and troubleshooting. After a product is released, information about the product is entered into the McAfee online KnowledgeBase.

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