

TIBCO Hawk[®]

Release Notes

*Software Release 5.2.0
June 2015*

Two-Second Advantage[®]



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Preface

This document contains the release notes for TIBCO Hawk[®] software release 5.2.0.

Topics

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- [Connecting with TIBCO Resources](#), page x

Related Documentation

This section lists documentation resources you may find useful.

TIBCO Hawk Documentation

The following documents form the TIBCO Hawk documentation set:

- *TIBCO Hawk Concepts* This manual includes basic descriptions of TIBCO Hawk concepts.
 - *TIBCO Hawk Installation, Configuration, and Administration* Read this book first. It contains step-by-step instructions for installing TIBCO Hawk software on various operating system platforms. It also describes how to configure the software for specific applications, once it is installed. An installation FAQ is included.
 - *TIBCO Hawk Microagent Reference* A reference to the microagents and methods used by a TIBCO Hawk Agent for system and application monitoring.
 - *TIBCO Hawk WebConsole User's Guide* This manual includes complete instructions for using TIBCO Hawk WebConsole.
 - *TIBCO Hawk Programmer's Guide* All programmers should read this manual. It contains detailed descriptions of Application Management Interface (AMI), Application Programming Interface (API) concepts, and the TIBCO Hawk security framework and its classes. It also contains detailed descriptions of each class and method for the following APIs:
 - AMI API
 - Java, C++ and C API
 - Console API
 - Java API
 - Configuration Object API
 - Java API
- Programmers should refer to the appropriate language reference sections for the AMI API details. The TIBCO Hawk Application Management Interface (AMI) exposes internal application methods to TIBCO Hawk.
- *TIBCO Hawk Plug-in Reference Guide* Contains details about the Enterprise Message Service, Messaging and JVM microagents methods that are used to administer and monitor the TIBCO Enterprise Message Service server.

- *TIBCO Hawk Plug-ins for TIBCO Administrator* Contains detailed descriptions of the TIBCO Hawk plug-ins accessed via TIBCO Administrator.
- *TIBCO Hawk HTTP Adapter User's Guide* Contains information about performing discovery, monitoring of agent status, monitoring of agent alerts, method invocation, method subscription, and many more activities on TIBCO Hawk and third-party products.
- *TIBCO Hawk Admin Agent Guide* Contains basic configuration details for TIBCO Hawk Admin Agent and complete instructions for using the web interface of TIBCO Enterprise Administrator for TIBCO Hawk.
- *TIBCO Hawk Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- TIBCO® Enterprise Administrator
 - *TIBCO Enterprise Administrator User's Guide*
 - *TIBCO Enterprise Administrator Installation Guide*
 - *TIBCO Enterprise Administrator Developer's Guide*
- TIBCO ActiveSpaces®
 - *TIBCO ActiveSpaces Developer's Guide*
 - *TIBCO ActiveSpaces Administration*
 - *TIBCO ActiveSpaces Installation*
 - *TIBCO ActiveSpaces C Reference*
- TIBCO Rendezvous®
 - *TIBCO Rendezvous Concepts*
 - *TIBCO Rendezvous Administration*
 - *TIBCO Rendezvous Configuration Tools*
- TIBCO Enterprise Message Service™
 - *TIBCO Enterprise Message Service Installation*
 - *TIBCO Enterprise Message Service User's Guide*




Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

| Convention | Use |
|----------------------|--|
| <i>ENV_HOME</i> | TIBCO products are installed into an installation environment. A product installed into an installation environment does not access components in other installation environments. Incompatible products and multiple instances of the same product must be installed into different installation environments. |
| <i>TIBCO_HOME</i> | |
| <i>HAWK_HOME</i> | |
| <i>CONFIG_FOLDER</i> | |
| | <p>An installation environment consists of the following properties:</p> <ul style="list-style-type: none"> • Name Identifies the installation environment. This name is referenced in documentation as <i>ENV_NAME</i>. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start > All Programs menu. • Path The folder into which the product is installed. This folder is referenced in documentation as <i>TIBCO_HOME</i>. <p>TIBCO Hawk installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>HAWK_HOME</i>. The default value of <i>HAWK_HOME</i> depends on the operating system. For example on Windows systems, the default value is <code>C:\tibco\hawk\5.2</code>.</p> <p>A TIBCO Hawk configuration folder stores configuration data generated by TIBCO Hawk. Configuration data can include sample scripts, session data, configured binaries, logs, and so on. This folder is referenced in documentation as <i>CONFIG_FOLDER</i>. For example, on Windows systems, the default value is <code>C:\ProgramData\tibco\cfgmgmt\hawk</code>.</p> |
| code font | <p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use <code>MyCommand</code> to start the foo process.</p> |

Table 1 General Typographical Conventions (Cont'd)

| Convention | Use |
|---|---|
| bold code font | <p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"> • In procedures, to indicate what a user types. For example: Type admin. • In large code samples, to indicate the parts of the sample that are of particular interest. • In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [enable disable] |
| <i>italic font</i> | <p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> • To indicate a document title. For example: See <i>TIBCO BusinessWorks Concepts</i>. • To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: MyCommand <i>pathname</i> |
| Key combinations | <p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.</p> |
|  | The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances. |
|  | The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result. |
|  | The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken. |

Connecting with TIBCO Resources

How to Join TIBCOmmunity

TIBCOmmunity is an online destination for TIBCO customers, partners, and resident experts—a place to share and access the collective experience of the TIBCO community. TIBCOmmunity offers forums, blogs, and access to a variety of resources. To register, go to <http://www.tibcommunity.com>.

How to Access All TIBCO Documentation

You can access TIBCO documentation here:

<http://docs.tibco.com/>

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, please contact TIBCO Support as follows.

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

Release Notes

See the TIBCO Product Support web site at <http://support.tibco.com> for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request for one. You must have a valid maintenance or support contract to use this site.

Topics

- [New Features, page 2](#)
- [Changes in Functionality, page 3](#)
- [Deprecated and Removed Features, page 4](#)
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- [Closed Issues, page 6](#)
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New Features

The following are the new features in this release.

Support for JRE 1.8

TIBCO Hawk® 5.2.0 supports JRE 1.8.

Addition of Two New Plug-In Microagents

The following two new plug-in microagents have been added in out-of-the-box distribution of TIBCO Hawk 5.2.0:

- TIBCO Hawk Heartbeat Plug-in
Allows you to check the status of the various servers such as TIBCO Enterprise Message Service™ server and the Database server
- TIBCO Hawk Inventory Plug-in
Allows you to check details about the environment and the product stacks that are installed in these environments.

Refer to the *TIBCO Hawk Plug-In Reference* guide for more details on these plug-ins.

Changes in Functionality

TIBCO Hawk 5.2.0 has the following changes in functionality:

Enhancement to System Microagent

The System Microagent on Linux platforms has been enhanced to return memory specific information. Refer to the *TIBCO Hawk Microagent Reference* guide for more details on this.

Enhancement to Process Microagent

The Process Microagent on Linux platforms has been enhanced to return process memory and identification information. Refer to the *TIBCO Hawk Microagent Reference* guide for more details on this.

Deprecated and Removed Features

The following are deprecated features.

Release 5.2.0

The `getAdapterConfig()` method in Network Microagent on the Windows platform has been deprecated in this release.

Migration and Compatibility

There are no migration procedures or compatibility issues in this release.

Closed Issues

The following table lists the closed issues in this release.

| Defect # | Description |
|----------|--|
| TAHK-201 | The TIBCO Enterprise Message Service™ microagent methods were not displayed in the TEA user interface. This has now been fixed. |
| HK-5670 | Using Hawk WebConsole, you were able to monitor multiple Hawk Domains in a single view. However, you were not able to copy and paste operation on alert text for further downstream post-processing of alert/subscription data. This has now been fixed. |
| HK-5551 | On Mac OS, the <code>log4j_webconsole.properties</code> file contained a Windows platform path. This issue has been fixed in this release. |
| HK-5522 | When you installed Hawk in silent mode, you would see an error in the installation log file. This issue has now been fixed. |
| HK-5501 | The user name and password pages would be auto-filled even though the auto-complete feature was turned off. This has now been fixed. |
| HK-5491 | There was an issue where the <code>tsm.log.999</code> file did not get deleted even though the log file autonumbering had restarted at <code>.001</code> . The log file ending in <code>.999</code> would continue to exist from the previous logging iteration. This issue has now been resolved. |
| HK-5485 | The <code>getProcess()</code> method of the Process microagent has been enhanced to match the functionality that existed for it in Hawk 4.x. |
| HK-5470 | If you logged into the WebConsole from a browser and either logged out or your login was timed out, if you tried to log in using another tab in the same instance of the browser, you would see an error similar to the following: <pre>INFO http-bio-5090-exec-6 [HawkWebconsole.request.filter] - UnAuthenticated Request, Sending error...</pre> This has now been resolved. |
| HK-5464 | Fixed a typographical error in the <i>TIBCO Hawk Plug-Ins for TIBCO Administrator</i> guide to correct "adoraapps" to "adorapps". |

| Defect # | Description (Cont'd) |
|----------|---|
| HK-5460 | From the WebConsole, if you created a rulebase with a special character in the rulebase name, for example !schedule, Hawk would add an extra space after the special character. This caused the Hawk Agent to throw an error and not load the rulebase. |
| HK-5418 | After creating a domain that uses EMS over SSL if you reconnected, an error was displayed on the TIBCO Hawk Admin terminal. This has now been fixed. |
| HK-5402 | The TIBCO Enterprise Message Service™ plug-in jar, tibjmsadmin.jar, that was bundled with EMS 7.0 was missing the com.tibco.tibjms.admin.hawk.HawkController class. This issue has now been fixed. |
| HK-5189 | When you un-installed Hawk, the configuration folder for EMS would also get deleted. The installer did not give you an option to keep the folder. In Hawk 5.2.0, you now have the option to elect to keep the configuration folder during un-installation of Hawk. |
| HK-5081 | The Hawk WebConsole could not create a rulebase when using TIBCO Enterprise Message Service plug-in microagent with parameter <code>-server_in_agent_name</code> . |
| HK-5050 | The Java Virtual Machine microagent has been enhanced to provide detailed Garbage Collector information via a new method, <code>getGarbageCollectorInfo()</code> . Other platform and vendor specific implementation details are not provided by Java Virtual Machine microagent as it caters to collection of data elements common across all variants of JVM. |
| HK-3954 | A section, "Domain Transport Configuration File (DomainTransportCfg.xml)," has been added in the <i>TIBCO Hawk HTTP Adapter User's Guide</i> . |
| HK-3568 | During installation, the default value of TraceDir pointed to the user's temp directory instead of the <code><HAWK_HOME>/adapters/http/log</code> directory. HTTPAdapter now uses log4j for logging. The log file location is configurable in <code>log4j_http_adapter.properties</code> . For example, <code>log4j.appender.RFileApp.File=<TIBCO_HAWK_CONFIG_HOME>/logs/hawkhttpadapter.log</code> |
| HK-2749 | The HMA file for the TIBCO Enterprise Message Service plug-in was missing the <code>-server_in_agent_name</code> property. This property has now been added back in the HMA file. |
| HK-390 | The title bar of the Hawk Display window now displays the correct name. |
| HK-286 | You can now manually clear the alerts that get sent to the Hawk Display. |

| Defect # | Description (Cont'd) |
|----------|--|
| HK-247 | On the Linux RHEL5.2.0 64-bit operating system, the method System:getCpuInfo() did not return values for Raw reads, Raw Writes, Context Switches and Device Interrupts. This issue has now been fixed. |
| HK-152 | A method, getCPUInfo() has been added to the System microagent to provide more information about the CPU. |
| HK-151 | On HP-UX 11.11: When a virtual IP address had multiple IP addresses associated with it, it resulted in an error when starting the Hawk agent. |
| HK-116 | You can now manually clear the alerts that get sent to the Hawk Display. |
| HK-93 | When working in TIBCO Enterprise Message Service that was configured in the SSL+ Fault Tolerant mode, the Publisher missed the events that were generated while the servers switched from primary server to secondary server or vice versa. This occurred because the Hawk agent did not recover its state. This issue has now been fixed. |
| HK-90 | The Hawk agent lost its heart beat when working in TIBCO Enterprise Message Service that was configured in the SSL+ Fault Tolerant mode. This happened when the primary Enterprise Message Service server went down, and the control was switched over to secondary server. Though the secondary server was Active, the Hawk agent did not recover its state. This issue has now been fixed. |
| HK-71 | When un-deploying a rulebase containing a method of the TRA microagent, the following error message appeared in the Hawk log: Error [Application] HWKMAG-020310 stopSubscription call failed for COM.TIBCO.admin.TRA ... |
| HK-61 | The Process microagent has been enhanced to return VmHWM, which is the resident set size for processes. |
| HK-42 | The tibhawkpassword utility now encrypts the password that you enter at the prompt. |

Known Issues

The following table lists the known issues in this release.

| Key | Summary/Workaround |
|----------|--|
| TAHK-191 | <p>Summary Cannot start Admin Agent from the Start menu: Start > All Programs > TIBCO > HAWK_HOME > TIBCO Hawk TEA Agent <version> > Admin Agent</p> <p>Workaround To start Admin Agent follow the steps mentioned in <i>TIBCO Hawk Installation and Configuration</i> guide.</p> |
| TAHK-169 | <p>Summary The clear and suspension details for an alert are not displayed after the alert suspension.</p> <p>Workaround None</p> |
| HK-5651 | <p>Summary The CPU utilization rises up to 100% if Hawk HMA is started using ActiveSpaces transport.</p> <p>Workaround None</p> |
| HK-5483 | <p>Summary The timestamp that gets displayed for alerts in the Hawk WebConsole is one hour ahead from the local time.</p> <p>Workaround None</p> |
| HK-5472 | <p>Summary In the timestamp for Hawk alerts in the Hawk WebConsole, there is a mismatch between the date and the day of the week that the date falls on. For example, Dec 16, 2014 should be Tuesday, but it is shown as Wednesday.</p> <p>Workaround None</p> |
| HK-5387 | <p>Summary The invocation of the method <code>JMSController->getConsumer</code> fails on the CentOS platform.</p> <p>Workaround None</p> |
| HK-5379 | <p>Summary Even though a database user might have full privileges, the user encounters an error when trying to upload a .mar file using the Configuring Monitoring tool from its command mode. However, all privileges work if using the GUI.</p> <p>Workaround Select Read, Write, and Administer permissions for "Monitoring Management" folder before selecting Read, Write, and Administer permissions for "TIBCO Administrator" folder while creating a user.</p> |

| Key | Summary/Workaround |
|---------|---|
| HK-5219 | <p>Summary On Solaris where if a rulebase is used with the <code>JavaVirtualMachine:getVirtualMachineInfo()</code> method, the active daemon socket number keeps increasing.</p> <p>This is an existing known defect in Oracle JRE on Solaris platform.</p> <p>For more details about the JRE Attach API defects refer to linkhttp://bugs.java.com/bugdatabase/view_bug.do?bug_id=7162955http://bugsun.com/bugdatabase/view_bug.do?bug_id=8002475</p> <p>Workaround None</p> |
| HK-5175 | <p>Summary The <code>ClassNotFoundException</code> is observed when the TIBCO Hawk 5.0 Agent is accessed from TIBCO Hawk 5.1 Display and the security policy is enabled.</p> <p>Workaround None</p> |
| HK-5172 | <p>Summary In WebConsole, if an agent has multiple schedules and you select one schedule to send to the repository using the Send to Agent/Repository option, all schedules for that agent are sent to the repository, instead of only the selected schedule.</p> <p>Workaround None</p> |
| HK-5093 | <p>Summary The HMA microagent methods do not work after invoking the <code>getStatistics()</code> method in the Network microagent.</p> <p>Workaround None</p> |
| HK-5031 | <p>Summary In Unix, the <code>getVirtualMachineInfo</code> and <code>getProcess</code> methods returns no results when the process name in the argument is more than 15 characters. Also, when the methods are executed with empty arguments, they return all the process names truncated to 15 characters. The issue occurs because both these methods read the process details from the <code>/proc/<process ID>/stat</code> file, where the Linux kernel limits the process name to 15 characters only.</p> <p>Workaround Run the <code>getVirtualMachineInfo</code> or <code>getProcess</code> methods with a truncated (15 characters) process name. This returns information on all processes matching the supplied first 15 characters. You can identify the information about the required process name using the Command Line (in the <code>getVirtualMachineInfo</code> method) or Command (in <code>getProcess</code> method) column, that displays the full path to the executable.</p> |
| HK-4902 | <p>Summary The <code>TrustedWithDomain</code> security model cannot be configured with the Hawk WebConsole application.</p> <p>Workaround None</p> |

| Key | Summary/Workaround |
|---------|---|
| HK-4892 | <p>Summary Starting the WebConsole server with HTTP Adapter crashes if both WebConsole and HTTP Adapter share the same Hawk domain name and are deployed on the same Tomcat container.</p> <p>Workaround Use different Tomcat containers for WebConsole and HTTP Adapter.</p> |
| HK-4848 | <p>Summary Unable to uninstall Hawk on AIX platform even if no processes are running.</p> <p>Workaround None</p> |
| HK-4722 | <p>Summary Start two EMS agents (one with SSL and another without SSL) with the same name but in different Hawk domains. Now, if you configure the Hawk microagent for the SSL Hawk domain and agent only, the microagent is added to both the agents.</p> <p>Workaround None</p> |
| HK-4601 | <p>Summary In Hawk WebConsole, under Network Query > Invoke an Action some asynchronous methods are displayed. This happens because some methods are registered as synchronous methods but internally they work asynchronously. Such methods are being displayed under the Network query but they cannot be used to perform any network query or network action.</p> <p>Workaround None.</p> |
| HK-4546 | <p>Summary In Hawk WebConsole, the Performance microagent > TBS Counter method displays an error in subscription.</p> <p>Workaround TBS - TPM Base Services, need to have certain user permissions to be enabled. This is the default behavior of the service. Refer to http://msdn.microsoft.com/en-us/library/windows/desktop/ms725663(v=vs.85).aspx for details on user permissions.</p> |
| HK-4399 | <p>Summary In Hawk WebConsole, if the WebConsole server is started without starting the h2 database, an exception is thrown in the logs.</p> <p>Workaround Start the h2 database.</p> |
| HK-4158 | <p>Summary If you try to login to TIBCO Hawk WebConsole from multiple tabs of the same browser window, the loading mask is displayed and you are not able to login. The same problem exists when you try to logout from Hawk WebConsole.</p> <p>Workaround To resolve this issue, login to Hawk WebConsole from a single tab of the browser window.</p> |

| Key | Summary/Workaround |
|---------|---|
| HK-4044 | <p>Summary Hawk Event is not able to batch commit records in the database. Each record is written in the database using separate commit commands.</p> <p>Workaround None</p> |
| HK-3723 | <p>Summary If the Java process uses IBM JDK and Hawk Agent uses Sun JDK, the JVM microagent cannot discover the JVMs running in the Java process.</p> <p>Workaround Make sure that Hawk Agent uses the same JDK (IBM JRE version 1.6 that support for attach APIs) as used by the Java process.</p> |
| HK-3710 | <p>Summary TIBCO Hawk Enterprise View cannot be accessed when HTTP Adapter is configured with HTTPS on Tomcat.</p> <p>Workaround None</p> |
| HK-3573 | Adding Hawk domain with SSL to TIBCO Administrator results in errors. |
| HK-3384 | <p>Summary (AIX) AIX agent cannot be discovered from other machines in the same Hawk domain.</p> <p>Workaround Make sure that the TIBCO Rendezvous messages are not blocked.</p> |
| HK-3305 | <p>Summary (HP-UX) After installing TIBCO Hawk 4.9 on HP-UX, Hawk agent, Hawk Display, and Event Service do not start.</p> <p>Note: TIBCO Hawk 5.x does not provide HP-UX HPPA platform support.</p> <p>Workaround To start Hawk Agent, Hawk Display, and Event Service on HP-UX 11i:</p> <ul style="list-style-type: none"> Update HP-UX 11i system with the latest patch. <p>OR</p> <ul style="list-style-type: none"> Manually export the path of JVM 1.6. That is, execute one of the following shell commands (based on 32-bit or 64-bit installation) before invoking any executable for TIBCO Hawk components: <i>% export SHLIB_PATH=JRE_1.6_path/lib/PA_RISC2.0/server (32-bit)</i> <i>% export SHLIB_PATH=JRE_1.6_path/lib/PA_RISC2.0W/server (64-bit)</i> <p>For example: <i>% export SHLIB_PATH=/home/swadmin/jre1.6/PA_RISC2.0/server</i></p> |
| HK-2912 | <p>Summary (SUSE Linux) The method <code>COM.TIBCO.hawk.hma.TibRendezvous.onRvDaemonStatus</code> returns a wrong value for field Inbound Data Loss on SUSE 11 64-bit platform.</p> <p>Workaround None</p> |

| Key | Summary/Workaround |
|---------|--|
| HK-2895 | <p>Summary (Windows) When Logfile microagent is used to monitor a fast roll over log file, it causes the log file to stop rolling over.</p> <p>Workaround Try faster scan rate, that is, 1 sec and 258K for block size. The scan rate and block size should match the rate at which the log file is increasing.</p> |
| HK-2751 | <p>Summary If you use an encrypted EMS password for the primary transport or EMS plugin in the hawkagent.cfg, EMS plug-in's .hma or Message microagent's .hma file, you will see a fatal error and Hawk will not start.</p> <p>Workaround None</p> |
| HK-1412 | <p>Summary If the HMA is stopped and then restarted with a different -timeout value, any Hawk Displays that had discovered the HMA originally still has the cached descriptions of the HMA reflecting the old -timeout value.</p> <p>Workaround Restart TIBCO Hawk Display to get the new HMA -timeout value.</p> |
| HK-1411 | <p>Summary Clicking the Insert button from the Action Editor displays a scroll-able list of parameters returned by the microagent's method chosen as the data source. The vertical scroll bar fails to appear if the microagent's method returns a large number of parameters.</p> <p>TIBCO Hawk Display has been deprecated in TIBCO Hawk 5.0.</p> <p>Workaround Manually type the return parameter name (in the proper syntax) in the text area.</p> |
| HK-312 | <p>Summary The Physical Memory numbers returned by the System:getTunableInfo method do not match the underlying HP-UX operating system command-line output.</p> <p>Workaround None</p> |
| HK-307 | <p>Summary Uploading the Monitoring Console plugin in the TIBCO Administrator fails with an exception.</p> <p>Workaround Performing an standalone installation of TIBCO Hawk on the same machine resolves the issue.</p> |
| HK-280 | <p>Summary On Microsoft Windows Vista, the Job Object Details method of the Performance microagent does not return any values. This is caused when the PDH counter detects negative or invalid values when querying Job Object Details counter.</p> <p>Workaround None</p> |

| Key | Summary/Workaround |
|--------|--|
| HK-143 | <p>Summary (Microsoft Windows platforms only) Japanese characters are not supported for use in regular expressions in the HMA microagents <code>Performance</code>, <code>Process</code> and <code>Filestat</code>. Currently only ASCII characters can be used for pattern matching.</p> <p>Workaround None</p> |
| HK-129 | <p>Summary (AIX) The method <code>Network:getStatistics</code> returns <code>No Data</code> for the loopback interface.</p> <p>Workaround None</p> |
| HK-43 | <p>Summary When using the Hawk Console in the Agents or Rulebases tab, if you have grouped the agents by the cluster and any new agent is added or removed, the contents of the page do not get refreshed.</p> <p>Workaround None</p> |