



Opswise Automation Center Outboard 5.1.0 Maintenance

© 2014 by Stonebranch, Inc. All Rights Reserved.

Opswise Automation Center Outboard 5.1.0 Maintenance

- Introduction
- Product Packaging
 - Versioning
 - Packaging Methods
- Package Maintenance Levels
 - Opswise Automation Center Outboard Packages
- Component Maintenance Levels
 - Message Hub, Transporter, Command Line Interface (CLI)

Introduction

Opswise Automation Center Outboard 5.1.0 consists of a family of components that address distributed systems management and automation. The components are packaged together as product installation packages. Product installation packages are provided for a variety of operating systems and hardware.

Stonebranch provides product maintenance in the form of updated product installation packages that contained the latest maintenance levels of product components. This document lists the product installation package and component maintenance history for Opswise Automation Center Outboard 5.1.0.

Product Packaging

Opswise Automation Center Outboard components are bundled together into production installation packages, simply referred as packages in this document. Each package is identified with a package version number and each component within a package is identified with a component version number.

Each package and component maintenance level is identified with a version number. The component maintenance level is incremented whenever a new component is made available that contains defect fixes or feature enhancements. A package maintenance level is incremented when a product component within the package changes or the package installation changes.

Package maintenance levels are not necessarily made available for all platforms. Package maintenance may be released for a subset of supported platforms. For example, Opswise Automation Center Outboard for UNIX may be at maintenance level 5.1.0.1, but Opswise Automation Center Outboard for Windows may be at 5.1.0.0.

Stonebranch changes product version, release, or modification identifiers at its discretion when it deems an appropriate number of enhancements or capabilities have been introduced to warrant the change.

Versioning

Package version numbers are comprised of four numeric identifiers: version, release, modification level, and maintenance level.

For example, for Opswise Automation Center Outboard 5.1.0.1:

- 5 = Version 5
- 1 = Release 1
- 0 = Modification Level 0

- 1 = Maintenance Level 1

Although each product component within the package is uniquely identified with its own version, release, modification level, and maintenance level, component version numbers are identical to the package version numbers.

Packaging Methods

Packaging methods vary among platforms based on the installation conventions and vendor recommendations for the platform. The purpose of this section is to describe the packaging and distribution methods used for the Opwise Automation Center Outboard package on its supported platforms.

Windows	All packages are created with a Windows packaging tool. Product maintenance is packaged as an updated Windows Installer installation package. The installation process upgrades the current install to the latest product maintenance level.
UNIX	All UNIX platform varieties are packaged as binary shell scripts. Product maintenance is packaged as an updated installation package. The installation process upgrades the current installation to the latest product maintenance level.

Package Maintenance Levels

This section lists the component levels included in the Opwise Automation Center Outboard packages for each release.

Opwise Automation Center Outboard Packages

Windows

Release	Release Date	Message Hub	Transporter	Command Line Interface (CLI)
5.1.0.18	April 3, 2014	5.1.0.18	5.1.0.18	5.1.0.18
5.1.0.17	September 16, 2013	5.1.0.17	5.1.0.17	5.1.0.17
5.1.0.16	July 10, 2013	5.1.0.16	5.1.0.16	5.1.0.16
5.1.0.14	March 28, 2013	5.1.0.14	5.1.0.14	5.1.0.14
5.1.0.12	January 28, 2013	5.1.0.12	5.1.0.12	5.1.0.12
5.1.0.10	January 7, 2013	5.1.0.10	5.1.0.10	5.1.0.10
5.1.0.5	September 12, 2012	5.1.0.5	5.1.0.5	5.1.0.5

5.1.0.3	June 27, 2012	5.1.0.3	5.1.0.3	5.1.0.3
5.1.0.1	March 16, 2012	5.1.0.1	5.1.0.1	5.1.0.1
5.1.0.0	January 30, 2012	5.1.0.0	5.1.0.0	5.1.0.0

UNIX

Release	Release Date	Message Hub	Transporter	Command Line Interface (CLI)
5.1.0.18	April 3, 2014	5.1.0.18	5.1.0.18	5.1.0.18
5.1.0.17	September 16, 2013	5.1.0.17	5.1.0.17	5.1.0.17
5.1.0.16	July 10, 2013	5.1.0.16	5.1.0.16	5.1.0.16
5.1.0.14	March 28, 2013	5.1.0.14	5.1.0.14	5.1.0.14
5.1.0.12	January 28, 2013	5.1.0.12	5.1.0.12	5.1.0.12
5.1.0.10	January 7, 2013	5.1.0.10	5.1.0.10	5.1.0.10
5.1.0.5	September 12, 2012	5.1.0.5	5.1.0.5	5.1.0.5
5.1.0.3	June 27, 2012	5.1.0.3	5.1.0.3	5.1.0.3
5.1.0.1	March 16, 2012	5.1.0.1	5.1.0.1	5.1.0.1
5.1.0.0	January 30, 2012	5.1.0.0	5.1.0.0	5.1.0.0

Component Maintenance Levels

This section identifies the component changes in each maintenance release.

Message Hub, Transporter, Command Line Interface (CLI)

Release 5.1.0.18 - April 3, 2014

Change ID	Component	Platform	Description
D-02988	Transporter	All	Transporter does not handle hostnames in transportN.ipaddr option.

D-04017	Message Hub	All	Message processing may fail in HA setup .
---------	-------------	-----	-----------------------------------------------------------

Release 5.1.0.17 - September 16, 2013

Change ID	Component	Platform	Description
D-03681	Transporter	Windows	Tasks may continue to show running when they are complete.
D-03888	Message Hub	All	Message Hub may crash when retrieving large output.
D-03926	Message Hub	All	Message Hub may send a malformed message if output size is greater than 6mb.
D-03928	Message Hub	All	Limit the task output length to avoid problems constructing messages.

Release 5.1.0.16 - July 10, 2013

Change ID	Component	Platform	Description
D-03550	CLI	All	CLI does not support SSL communications with the Transporter.
B-03614	CLI	All	Add Version option to CLI to identify program version.
B-03643	CLI	All	Add support of encrypted credentials for CLI.
B-03687	CLI	All	Add new CLI commands to support enhancements in the 5.1.1.7 Controller.
D-03765	Transporter	All	SSL connection may be dropped during session establishment.
D-03877	Transporter	All	Transporter on Windows cannot handle more than 57 Agents, and issue with simultaneous connections.

Release 5.1.0.14 - March 28, 2013

Change ID	Component	Platform	Description
D-03639	All	All	Potential for buffer overrun with logging set to TRACE.
D-03603	Message Hub	All	Message Hub does not always reconnect to the Transporter when the Controller is restarted.
D-03514	Transporter	AIX	Network interfaces are not enumerated correctly on AIX.
D-03495	Transporter	All	Establishing an idle TCP session to the Transporter port 4803 blocks packets from other clients.

Release 5.1.0.12 - January 28, 2013

Change ID	Component	Platform	Description
D-03501	Message Hub	All	Potential for duplicate launch messages under heavy load.

Release 5.1.0.10 - January 7, 2013

Change ID	Component	Platform	Description
D-03304	Transporter	All	Transporter should allow an Agent to reconnect if the Agent's IP address changed after a network failure.
D-03342	Transporter	All	Agents remain offline after Transporter was unavailable for a long period of time (>10 mins).
D-03463	Message Hub	All	Message Hub may connect to the Transporter before it is active .
D-03464	Message Hub	Windows	Message Hub may not exit cleanly when the Controller/Core closes the connection.

Release 5.1.0.5 - September 12, 2012

Change ID	Component	Platform	Description
B-03069	CLI	All	Outboard: Add ops-update-resource-limit capability to CLI.
D-03172	Message Hub	All	Message Hub resiliency during Controller connection close.
D-03059	All	All	Additional resiliency for Outboard components and guardians.

Release 5.1.0.3 - June 27, 2012

Change ID	Component	Platform	Description
D-02987	Transporter	All	Transporter does not handle hostnames in the transportN.ipaddr option.
D-03022	Message Hub	Solaris SPARC	Message Hub crash when connecting to Transporter .

Release 5.1.0.1 - March 16, 2012

Change ID	Component	Platform	Description
D-02874	UAG	All	UAG ends abnormally when unrecognizable data is sent to the TCP/IP logging port.