

stonebranch

Universal Agent 6.5.x

Maintenance

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Universal Agent 6.5.x Maintenance

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Introduction

Universal Agent 6.5.x 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. These pages list the product installation package and component maintenance history for Universal Agent 6.5.x.

Product Packaging

Agent components are bundled together into product installation packages, referred to simply 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 (see Versioning, below). 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, Universal Agent 6.5.0 for z/OS and UNIX may be at maintenance level 6.5.0.1, but Universal Agent 6.5.0 for Windows may be at 6.5.0.0.

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 Universal Agent 6.5.0.0:

- 6 = Version 6
- 5 = Release 5
- 0 = Modification Level 0
- 0 = Maintenance Level 0

Product component version numbers are similar to the package version numbers. Each product component within the package is identified with the same version, release, and modification level as the package, and with a maintenance level that is independent of the maintenance level of the package or other components in the package.

For example, within a Universal Agent 6.5.1.0 package, there could be a Universal Command 6.5.0.0 component:

- 6 = Version 6
- 5 = Release 5
- 0 = Modification Level 0
- 0 = Maintenance Level 0

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 Workload Automation package on its supported platforms.

z/OS	<p>The Universal Agent 6.5.0 package is an SMP/E install consisting of multiple FMIDs. The package is composed of a set of FMIDs for MVS components and a set of FMIDs for UNIX System Services (USS) components. The MVS components are required and the USS components are optional.</p> <p>Maintenance is packaged as a cumulative PTF file containing all available product PTFs for all products within the Workload Automation package.</p>
Windows	<p>All packages are created with the InstallShield Windows packaging tool. The package is installed with Microsoft's Windows Installer (file extension .msi).</p> <p>Product maintenance is packaged as an updated Windows Installer installation package. The installation process upgrades the current install to the latest product maintenance level.</p>
UNIX	<p>There are two installation methods supported on UNIX platforms, both of which are initiated from a Stonebranch script:</p> <ul style="list-style-type: none"> • A system installation uses the UNIX package management system to install the product in vendor-recommended installation directories. • A user mode installation method is performed outside of the UNIX package management system. It allows installation of the product in user-selected directories, and supports multiple installs of differing versions or the same versions of the product. <p>Product maintenance is packaged as an updated installation package. The installation process upgrades the current installation to the latest product maintenance level.</p> <p>UNIX vendor system installation formats are as follows:</p> <ul style="list-style-type: none"> • AIX is packaged in a backup file format (extension .bff) and installed with the AIX installp command. • Sun Solaris is packaged in a Sun software package format and installed with the Sun pkgadd command. • HP-UX is packaged in a HP depot format and installed with the HP swinstall command. • Linux is packaged in a RPM format and installed with the Linux rpm command. • All other UNIX varieties are packaged as compressed tar files and installed with the Stonebranch UNIX installation scripts.
IBM i	<p>The package is an IBM i Licensed Program and installed with the IBM i RSTLICPGM command. By default, all product and dependent product identifiers are installed.</p> <p>Maintenance is packaged as a cumulative PTF file containing all available product PTFs.</p>
HP NonStop	<p>On the HP NonStop platform, Universal Command 2.1.1 product is packaged by itself. No other products are included in the distribution file.</p> <p>The package is installed with a Stonebranch OBEY file.</p> <p>Product maintenance is packaged as an updated installation package. The installation process upgrades the current install to the latest product maintenance level.</p>

Package Maintenance Levels

For detailed information on the maintenance levels of platform-specific Universal Agent packages, see:

- [All Platforms Package Maintenance Levels](#)
- [z/OS Package Maintenance Levels](#)
- [Windows Package Maintenance Levels](#)
- [UNIX Package Maintenance Levels](#)
- [IBM i Package Maintenance Levels](#)
- [HP NonStop Package Maintenance Levels](#)

Component Maintenance Levels

For detailed information on the maintenance levels of individual Universal Agent components, see:

- [Component Maintenance Levels](#)

All Platforms Package Maintenance Levels - Agent 6.5.x

- [Overview](#)
- [Release 6.5.0.0 - September 29, 2018](#)

Overview

This page identifies the changes made in all Universal Agent 6.5.x maintenance releases, including the initial release, for all supported platforms.

Each change identifies the platform(s) for which it was made.

For a list of changes made to optional Agent 6.5.x packages, such as Universal Command Agent for SOA 6.5.x, see the platform-specific Maintenance Levels pages.

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels](#).



Note

Install changes refer to changes to the programs, scripts, or supporting files used to install the package. There are no changes to the actual product components.

Release 6.5.0.0 - September 29, 2018

Change ID	Platform	Component	Description
B-07354	Windows	UAGSRV	Add "fault tolerance" for Windows tasks, providing automatic retry/restart for failures.
B-09246	All	UAGSRV	Implement newer, more secure method of passing Credentials between Controller and UAG.
B-09303	z/OS	All	Verify agent execution on z/OS 2.3 .
B-09367	z/OS	UDMSRV	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .
B-09500	Linux Windows	Install	Withdraw Universal Agent support for native 32-bit Windows and Linux packages.
B-09717	All	UAGSRV UBROKER UQUERY	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response.
B-09718	UNIX Windows	UFTP	Generate unique UFTP trace file names using its component or exec ID.
B-09734	z/OS	UAGSRV	Produce an audit report at UAGSRV start-up.
B-09775	z/OS	UAGSRV	Enhance the deleted datasets report .

B-09815	UNIX Windows	OMSSRV UAGSRV	Add SSL/TLS client authentication to OMS server for UAGSRV.
B-09826	z/OS	UAGSRV	Preserve customer-specific statements in JOB card when inserting UAGSRV-required SET statements.
B-09861	z/OS	UCMSRV	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON.
B-09863	z/OS	UECTLR	Remove requirement for READ access to BPX.SUPERUSER.
B-09864	z/OS	UAGSRV	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON.
B-09880	UNIX Windows	OMS Client	Add SSL/TLS client authentication to OMS server in OMS Java client.
D-03978	All	UAGCMD	Honor time out interval when establishing new connections.
D-07308	All	UDM	Improve performance when an "exec" command returns a large output stream to UDM Manager.
D-09191	UNIX	UAGSRV	Fix UDM task failure when using a non-interactive account for the utility agent and the home directory for that account does not exist.
D-09197	UNIX Windows	OMSSRV	Properly assign function callbacks for all states to ensure all task status changes are reflected in the Controller.
D-09278	z/OS	UAGSRV	Ensure a job is not left in SUBMITTED status when a JCL error occurs and an "IEFC452I Job not run" message is issued.
D-09306	z/OS	UAGSRV	Ensure job output is properly re-queued to the correct SYSOUT class.
D-09307	Windows	Install	Restore UAG_AUTOSTART command line option default to "no".
D-09311	z/OS	UAGSRV UAGRERUN	Job stays in SUBMITTED state if UAGRERUN does not run.
D-09318	Windows	UAGSRV	Fix crash that may occur on Windows when UAGSRV attempts to obtain performance data from the registry.
D-09332	z/OS	UAGRERUN	UAGRERUN S0C4 - Inaccessible storage.
D-09333	All	UFTP	Prevent start failure for FTP File Monitor task when directory/file does not exist.
D-09334	z/OS	UDM UDMSRV	Prevent S0C4 when specifying a sequential dataset in a forfiles statement.
D-09386	z/OS	UAGSRV	Prevent S878 when interpreting/converting JCL prior to job submission.

UNIX Package Maintenance Levels - Agent 6.5.x

- [Overview](#)
- [Universal Agent 6.5.x for UNIX Packages](#)
 - [Agent 6.5.0.0 - September 29, 2018](#)
- [Universal Agent for SOA 6.4.x for UNIX Packages](#)
 - [Agent for SOA 6.4.1.0 - October 6, 2017](#)

Overview

This page identifies the package contents for all Universal Agent 6.5.x for UNIX maintenance releases, including the initial release, and the maintenance level of every component in each package.



Note

For the Universal Agent for SOA UNIX package, the information provided is for its latest release: 6.4.1.0.

For each release, changes made to individual components for UNIX only, and for UNIX and one or more other platforms, are identified. Maintenance level changes to a component for non-UNIX platforms are not shown.

For a list of all changes in a release - all platforms, all components - see [All Platforms Package Maintenance Levels - Agent 6.5.x](#).

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels - Agent 6.5.x](#).

Universal Agent 6.5.x for UNIX Packages

This table identifies components generally available for UNIX. For a list of components currently contained in specific UNIX platforms, see [Platform Support for Universal Controller 6.5.x and Universal Agent 6.5.x](#).

Release	Release Date	Install	Universal Broker	Universal Automation Center Agent	Universal Message Service	Controller Command Line Interface	Universal Certificate	Universal Command Manager	Universal Command Server	Universal Connector for SAP	Universal Connector for PeopleSoft	Universal Control	Universal Database Utilities	Universal Data Mover Manager
6.5.0.0	September 29, 2018	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0



Note

Install changes refer to changes to the programs, scripts, or supporting files used to install the package. There are no changes to the actual product components.

Agent 6.5.0.0 - September 29, 2018

Change ID	Platform	Component	Description
B-09246	All	UAGSRV	Implement newer, more secure method of passing Credentials between Controller and UAG.
B-09500	Linux Windows	Install	Withdraw Universal Agent support for native 32-bit Windows and Linux packages.
B-09717	All	UAGSRV UBROKER UQUERY	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response .
B-09718	UNIX Windows	UFTP	Generate unique UFTP trace file names using its component or exec ID.
B-09815	UNIX Windows	OMSSRV UAGSRV	Add SSL/TLS client authentication to OMS server for UAGSRV.
B-09880	UNIX Windows	OMS Client	Add SSL/TLS client authentication to OMS server in OMS Java client.
D-03978	All	UAGCMD	Honor time out interval when establishing new connections.
D-07308	All	UDM	Improve performance when an "exec" command returns a large output stream to UDM Manager.
D-09191	UNIX	UAGSRV	Fix UDM task failure when using a non-interactive account for the utility agent and the home directory for that account does not exist.
D-09197	UNIX Windows	OMSSRV	Properly assign function callbacks for all states to ensure all task status changes are reflected in the Controller.
D-09333	All	UFTP	Prevent start failure for FTP file monitor task when directory/file does not exist.

Universal Agent for SOA 6.4.x for UNIX Packages

Agent for SOA 6.4.1.0 - October 6, 2017

(There have been no changes to this release.)

Windows Package Maintenance Levels - Agent 6.5.x

- Overview
- Universal Agent 6.5.x for Windows Packages
 - Agent 6.5.0.0 - September 29, 2018
- Universal Enterprise Controller 6.3.0 for Windows Packages
 - UEC 6.3.0.0 - January 18, 2016
- Universal Enterprise Controller Client Applications 6.3.0 for Windows Packages
 - UEC Client Applications 6.3.0.0 - January 18, 2016
- Universal Agent for SOA 6.3.x for Windows Packages
 - Agent for SOA 6.3.0.0 - January 18, 2016

Overview

This page identifies the package contents for all Universal Agent 6.5.x for Windows maintenance releases, including the initial release, and the maintenance level of every component in each package.



Note

For the Universal Enterprise Controller, UEC Client Applications, and Universal Agent for SOA Windows packages, the information provided is for their latest release: 6.3.0.0.

For each release, changes made to individual components for Windows only, and for Windows and one or more other platforms, are identified. Maintenance level changes to a component for non-Windows platforms are not shown.

For a list of all changes in a release - all platforms, all components - see [All Platforms Package Maintenance Levels - Agent 6.5.x](#).

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels - Agent 6.5.x](#).

Universal Agent 6.5.x for Windows Packages

Release	Release Date	Install	Universal Broker	Universal Automation Center Agent	Universal Message Service	Controller Command Line Interface	Universal Certificate	Universal Command Manager	Universal Command Server	Universal Connector for SAP	Universal Connector for PeopleSoft	Universal Control	Universal Database Utilities	Universal Data Mover Manager
6.5.0.0	September 29, 2018	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0



Note

Install changes refer to changes to the programs, scripts, or supporting files used to install the package. There are no changes to the actual product components.

Agent 6.5.0.0 - September 29, 2018

Change ID	Platform	Component	Description
B-07354	Windows	UAGSRV	Add "fault tolerance" for Windows tasks, providing automatic retry/restart for failures.
B-09246	All	UAGSRV	Implement newer, more secure method of passing Credentials between Controller and UAG.
B-09500	Linux Windows	Install	Withdraw Universal Agent support for native 32-bit Windows and Linux packages.
B-09717	All	UAGSRV UBROKER UQUERY	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response .
B-09718	UNIX Windows	UFTP	Generate unique UFTP trace file names using its component or exec ID.
B-09815	UNIX Windows	OMSSRV UAGSRV	Add SSL/TLS client authentication to OMS server for UAGSRV.
B-09880	UNIX Windows	OMS Client	Add SSL/TLS client authentication to OMS server in OMS Java client.
D-03978	All	UAGCMD	Honor time out interval when establishing new connections.
D-07308	All	UDM	Improve performance when an "exec" command returns a large output stream to UDM Manager.
D-09197	UNIX Windows	OMSSRV	Properly assign function callbacks for all states to ensure all task status changes are reflected in the Controller.
D-09307	Windows	Install	Restore UAG_AUTOSTART command line option default to "no".
D-09318	Windows	UAGSRV	Fix crash that may occur on Windows when UAGSRV attempts to obtain performance data from the registry.
D-09333	All	UFTP	Prevent start failure for FTP file monitor task when directory/file does not exist.

Universal Enterprise Controller 6.3.0 for Windows Packages

UEC 6.3.0.0 - January 18, 2016

(There have been no changes to this release.)

Universal Enterprise Controller Client Applications 6.3.0 for Windows Packages

UEC Client Applications 6.3.0.0 - January 18, 2016

(There have been no changes to this release.)

Universal Agent for SOA 6.3.x for Windows Packages

Agent for SOA 6.3.0.0 - January 18, 2016

(There have been no changes to this release.)

zOS Package Maintenance Levels - Agent 6.5.x

- [Overview](#)
- [Universal Agent 6.5.x for z/OS Packages](#)
 - [Agent 6.5.0.0 - September 29, 2018](#)

Overview

This page identifies the package contents for all Universal Agent 6.5.x for z/OS maintenance releases, including the initial release, and the maintenance level of every component in each package.

For each release, changes made to individual components for z/OS only, and for z/OS and one or more other platforms, are identified. Maintenance level changes to a component for non-z/OS platforms are not shown.

For a list of all changes in a release - all platforms, all components - see [All Platforms Package Maintenance Levels - Agent 6.5.x](#).

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels - Agent 6.5.x](#).

Universal Agent 6.5.x for z/OS Packages

The following table identifies the maintenance level of all components contained in each Universal Agent 6.5.x for z/OS package.

Release	Release Date	SMP/E Install	Universal Broker	Universal Automation Center Agent	Universal Message Service (OMS)	Controller Command Line Interface	Universal Certificate	Universal Command Manager	Universal Command Server	Universal Connector for SAP	Universal Connector for PeopleSoft	Universal Control	Universal Database Utilities	Universal Data Mover Manager
6.5.0.0	September 29, 2018	6.5.0.0	6.5.0.0	6.5.0.0		6.5.0.0	6.5.0.0	6.5.0.0	6.5.0.0	5.5.0.0		6.5.0.0	6.5.0.0	6.5.0.0



Note

Install changes refer to changes to the programs, scripts, or supporting files used to install the package. There are no changes to the actual product components.

Agent 6.5.0.0 - September 29, 2018

Change ID	Platform	Component	Description
B-09246	All	UAGSRV	Implement newer, more secure method of passing Credentials between Controller and UAG.
B-09303	z/OS	All	Verify agent execution on z/OS 2.3 .

B-09367	z/OS	UDMSRV	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .
B-09717	All	UAGSRV UBROKER UQUERY	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response.
B-09734	z/OS	UAGSRV	Produce an audit report at UAGSRV start-up.
B-09775	z/OS	UAGSRV	Enhance the deleted datasets report .
B-09826	z/OS	UAGSRV	Preserve customer-specific statements in JOB card when inserting UAGSRV -required SET statements.
B-09861	z/OS	UCMSRV	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .
B-09863	z/OS	UECTLR	Remove requirement for READ access to BPX.SUPERUSER .
B-09864	z/OS	UAGSRV	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .
D-03978	All	UAGCMD	Honor time out interval when establishing new connections.
D-07308	All	UDM	Improve performance when an "exec" command returns a large output stream to UDM Manager.
D-09278	z/OS	UAGSRV	Ensure a job is not left in SUBMITTED status when a JCL error occurs and an "IEFC452I Job not run" message is issued.
D-09306	z/OS	UAGSRV	Ensure job output is properly re-queued to the correct SYSOUT class.
D-09311	z/OS	UAGSRV UAGRERUN	Job stays in SUBMITTED state if UAGRERUN does not run.
D-09332	z/OS	UAGRERUN	UAGRERUN S0C4 - Inaccessible storage.
D-09333	All	UFTP	Prevent start failure for FTP file monitor task when directory/file does not exist.
D-09334	z/OS	UDM UDMSRV	Prevent S0C4 when specifying a sequential dataset in a forfiles statement.
D-09386	z/OS	UAGSRV	Prevent S878 when interpreting/converting JCL prior to job submission.

IBM i Package Maintenance Levels - Agent 6.5.x



Currently, IBM i runs Workload Automation 5.1.0. This page provides information for that version.

Overview

This page identifies the package contents for the single Workload Automation 5.1.0 for IBM i release, and the maintenance level of every component in that package.

Workload Automation 5.1.0 for IBM i Packages

Release	Release Date	Universal Broker	Universal Automation Center Agent	Universal Certificate	Universal Command Manager	Universal Command Server	Universal Connector	Universal Control	Universal Database Utilities	Universal Data Mover	Universal Encrypt	Universal Enterprise Controller	Universal Event Monitor
5.1.0.0	January 27, 2012	5.1.0.0			5.1.0.0	5.1.0.0				5.1.0.0	5.1.0.0	5.1.0.0	
5.1.0.0	February 28, 2018	5.1.0.0			5.1.0.0	5.1.0.0				5.1.0.0	5.1.0.0	5.1.0.0	

5.1.0.0 - February 28, 2018

Change ID	Platform	Component	Description
B-08466	IBM i 7.3		Certify Workload Automation 5.1.0 release on IBM i 7.3.

(No component changes for this release.)

HP NonStop Package Maintenance Levels - Agent 6.5.x

- Overview
- Universal Command 2.1.1 for HP NonStop Packages
 - 2.1.1.5 - July 29, 2016
 - 2.1.1.4 - July 10, 2013
 - 2.1.1.3 - September 3, 2008
 - 2.1.1.2 - January 23, 2004
 - 2.1.1.1 - September 30, 2003



Currently, HP NonStop runs Universal Command 2.1.1. These pages provide information for that version.

Overview

This page identifies the package contents for all Universal Command 2.1.1 for HP NonStop maintenance releases and the maintenance level of every component in each package.

For each release, changes made to individual components only for HP NonStop are identified. Maintenance level changes to a component for non-HP NonStop platforms are not shown.

Universal Command 2.1.1 for HP NonStop Packages

Release	Release Date	Universal Broker	Universal Command Manager	Universal Command Server	Universal Control Manager	Universal Control Server	Universal Query	Universal Encrypt	Universal Message Translator
2.1.1.5	July 29, 2016	2.1.1.5	2.1.1.5	2.1.1.5	2.1.1.5	2.1.1.5	2.1.1.5	2.1.1.5	2.1.1.5
2.1.1.4	July 10, 2013	2.1.1.3	2.1.1.3	2.1.1.4	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3
2.1.1.3	September 3, 2008	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3	2.1.1.3
2.1.1.2	January 23, 2004	2.1.1.2	2.1.1.2	2.1.1.2	2.1.1.2	2.1.1.2	2.1.1.2	2.1.1.2	2.1.1.2
2.1.1.1	September 30, 2003	2.1.1.1	2.1.1.1	2.1.1.1	2.1.1.1	2.1.1.1	2.1.1.1	2.1.1.1	2.1.1.1
2.1.1.0	July 7, 2003	2.1.1.0	2.1.1.0	2.1.1.0	2.1.1.0	2.1.1.0	2.1.1.0	2.1.1.0	2.1.1.0

2.1.1.5 - July 29, 2016

(No component changes for this release; Installation scripts were modified for the x86 platform.)

2.1.1.4 - July 10, 2013

Change ID	Platform	Component	Description
D-03227	Integrity	UCMSRV	IPC files are not being cleaned up on the HP Nonstop platform.
D-03228	Integrity	UCMSRV	A setuid failure happens whenever jobs are executed on the HP Nonstop platform.

2.1.1.3 - September 3, 2008

Change ID	Platform	Component	Description
UCM-992	Itanium	UCMD	HP NonStop Itanium support.

2.1.1.2 - January 23, 2004

Change ID	Platform	Component	Description
CR01135	HP NonStop	UCMSRV	Certain errors, such as OBEY file not found, were not properly detected and resulted in exit code 0.
CR01137	HP NonStop	UCOPY	UCOPY always created files with file code 180. UCOPY is now capable of creating Guardian EDIT files as well as C files (180).
DF01060	HP NonStop	UBROKER	The ubrokerd script with the status argument only worked if run with the same user identifier as the broker is executing. Any user can now successfully execute the status command.
DF01325	HP NonStop	UBROKER	Broker log file permission was set so that only the user identifier with which the broker is running could read it. This identifier is normally super.super . File permissions are now set so everyone can read them.
DF01326	HP NonStop	UCMSRV	Server trace file permission was set so that only the user identifier with which the broker is running could read them. This identifier is normally super.super . File permissions are now set so everyone can read them.
DF01335	HP NonStop	UBROKER	The broker unv.log file does not roll over to the next generation.

2.1.1.1 - September 30, 2003

Change ID	Platform	Component	Description
CR01023	HP NonStop	UCMSRV	Added the server options CPU and PRIORITY . The CPU option permits a UCMD manager to specify the processor on which the user job executes. The PRIORITY option permits a UCMD manager to specify the priority with which the user job executes. The UCMD manager can specify both options with the manager's SERVER option (-S or -server).
DF01000	HP NonStop	UCMSRV	Standard input redirection was enabled. Changed the UCOPY program from a Guardian program to an OSS program to prevent gtacl from manipulating the data transferred in binary mode. Added the UCMD server option SCRIPT_TYPE in order to support both TACL and OSS commands and scripts. The UCMD manager can specify the option with the manager's SERVER option (-S or -server).

DF01027	HP NonStop	UBROKER	The time values printed in the UCMD messages were not correct. The C run-time library's TZ environment variable controls time values by specifying the time zone for the program. The TZ environment variable has been added to the UBROKERD startup script.
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Component Maintenance Levels - Agent 6.5.x

- [Introduction](#)
- [All Universal Agent Components](#)
- [Universal Agent Command Line Interface](#)
- [Universal Automation Center Agent \(UAG\)](#)
- [Universal Broker](#)
- [Universal Command](#)
- [Universal Data Mover](#)
- [Universal Enterprise Controller](#)
- [Universal FTP Client](#)
- [Universal Message Service \(OMS\)](#)
- [Universal Query](#)
- [Install](#)

Introduction

This page summarizes the changes introduced in each component maintenance release for Universal Agent 6.5.x.

For a list of all component changes included in the maintenance release for each platform, see:

- [z/OS Package Maintenance Levels](#)
- [Windows Package Maintenance Levels](#)
- [UNIX Package Maintenance Levels](#)

All Universal Agent Components

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
B-09303	All	z/OS	Verify agent execution on z/OS 2.3.

Universal Agent Command Line Interface

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
D-03978	UAGCMD	All	Honor time out interval when establishing new connections.

Universal Automation Center Agent (UAG)

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
B-07354	UAGSRV	Windows	Add “ fault tolerance ” for Windows tasks, providing automatic retry/restart for failures.
B-09246	UAGSRV	All	Implement newer, more secure method of passing Credentials between Controller and UAG.
B-09717	UAGSRV UBROKER UQUERY	All	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response .
B-09734	UAGSRV	z/OS	Produce an audit report at UAGSRV start-up.
B-09775	UAGSRV	z/OS	Enhance the deleted datasets report .
B-09815	OMSSRV UAGSRV	UNIX Windows	Add SSL/TLS client authentication to OMS server for UAGSRV.
B-09826	UAGSRV	z/OS	Preserve customer-specific statements in JOB card when inserting UAGSRV -required SET statements.
B-09864	UAGSRV	z/OS	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .
D-09191	UAGSRV	UNIX	Fix UDM task failure when using a non-interactive account for the utility agent and the home directory for that account does not exist.
D-09278	UAGSRV	z/OS	Ensure a job is not left in SUBMITTED status when a JCL error occurs and an “IEFC452I Job not run” message is issued.
D-09306	UAGSRV	z/OS	Ensure job output is properly re-queued to the correct SYSOUT class.
D-09311	UAGSRV UAGRERUN	z/OS	Job stays in SUBMITTED state if UAGRERUN does not run.
D-09318	UAGSRV	Windows	Fix crash that may occur on Windows when UAGSRV attempts to obtain performance data from the registry.
D-09332	UAGRERUN	z/OS	UAGRERUN S0C4 - Inaccessible storage.
D-09386	UAGSRV	z/OS	Prevent S878 when interpreting/converting JCL prior to job submission.

Universal Broker

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Change ID	Component	Platform	Description
B-09717	UAGSRV UBROKER UQUERY	All	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response .

Universal Command

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Change ID	Component	Platform	Description
B-09861	UCMSRV	z/OS	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .

Universal Data Mover

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
B-09367	UDMSRV	z/OS	Allow switching of user contexts without requiring READ access to BPX.SUPERUSER and BPX.DAEMON .
D-07308	UDM	All	Improve performance when an exec command returns a large output stream to UDM Manager.
D-09334	UDM UDMSRV	z/OS	Prevent S0C4 when specifying a sequential dataset in a forfiles statement.

Universal Enterprise Controller

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
B-09863	UECTLR	z/OS	Remove requirement for READ access to BPX.SUPERUSER .

Universal FTP Client

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
B-09718	UFTP	UNIX Windows	Generate unique UFTP trace file names using its component or exec ID.
D-09333	UFTP	All	Prevent start failure for FTP File Monitor task when directory/file does not exist.

Universal Message Service (OMS)

Release 6.5.0.0 - September 29, 2018

Change ID	Component	Platform	Description
B-09815	OMSSRV UAGSRV	UNIX Windows	Add SSL/TLS client authentication to OMS server for UAGSRV.
B-09880	OMS Client	UNIX Windows	Add SSL/TLS client authentication to OMS server in OMS Java client.
D-09197	OMSSRV	UNIX Windows	Properly assign function callbacks for all states to ensure all task status changes are reflected in the Controller.

Universal Query**Release 6.5.0.0 - September 29, 2018**

Change ID	Component	Platform	Description
B-09717	UAGSRV UBROKER UQUERY	All	Enhance 3rd-party load balancer and clustering support by returning the UAGSRV QNAME value in a Universal Query response .

Install**Release 6.5.0.0 - September 29, 2018**

Change ID	Component	Platform	Description
B-09500	Install	Linux Windows	Withdraw Universal Agent support for native 32-bit Windows and Linux packages.
D-09307	Install	Windows	Restore UAG_AUTOSTART command line option default to "no".