



Universal Agent 6.7.x

Maintenance

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- 1. Universal Agent 6.7.x Maintenance 3
 - 1.1 All Platforms Package Maintenance Levels - Agent 6.7.x 6
 - 1.2 UNIX Package Maintenance Levels - Agent 6.7.x 8
 - 1.3 Windows Package Maintenance Levels - Agent 6.7.x 10
 - 1.4 zOS Package Maintenance Levels - Agent 6.7.x 13
 - 1.5 IBM i Package Maintenance Levels - Agent 6.7.x 15
 - 1.6 HP NonStop Package Maintenance Levels - Agent 6.7.x 17
 - 1.7 Component Maintenance Levels - Agent 6.7.x 20

Universal Agent 6.7.x Maintenance

- Introduction
- Product Packaging
 - Versioning
 - Packaging Methods
- Package Maintenance Levels
- Component Maintenance Levels

Introduction

Universal Agent 6.7.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 6.7.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 6.7.0 for z/OS and UNIX may be at maintenance level 6.7.0.1, but Universal Agent 6.7.0 for Windows may be at 6.7.0.0.

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 6.7.0.0:

- 6 = Version 6
- 7 = Release 7
- 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 6.7.1.0 package, there could be a Universal Command 6.7.0.0 component:

- 6 = Version 6
- 7 = Release 7
- 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 6.7.0 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 6.7.x

- [Overview](#)
- [Release 6.7.0.0 - September 30, 2019](#)

Overview

This page identifies the changes made in all Universal Agent 6.7.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 6.7.x packages, such as Universal Command Agent for SOA 6.7.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 6.7.0.0 - September 30, 2019

Change ID	Platform	Component	Description
B-03322	z/OS	UAGSRV	Add ability to use GDGs for UAGSRV log data sets as an alternative to create daily log data sets.
B-05491	Windows	UBROKER	Add support to Universal Broker for writing messages to a log file instead of the Windows Application Event log.
B-06684	All	UDM	UDMSRV Add threshold to prevent UDM from consuming all available memory when ACK_WINDOW is used.
B-07363	All	OMSSRV	Add option to require SSL connections to OMS Server.
B-08874	z/OS	UDM UDMSRV	Implement memory management efficiencies to reduce CPU consumption.
B-10229	Windows	Install	Update the Windows install platform to provide distribution files that run as native 64-bit applications.
B-10308	Windows	UACSRV	Provide a 64-bit implementation of Universal Agent for SOA and upgrade bundled Tomcat and Derby distributions.
B-10313	Windows	UACSRV	Replace Oracle JRE with Open JRE 8.
B-10357	Linux	UACSRV	Replace Oracle JRE with Open JRE 8 in the Universal Agent for SOA RPM and Debian packages.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.

B-10687	Linux Windows	UPPS	Ensure UPPS webservice calls to the PeopleSoft system are network fault tolerant
B-10701	Windows	UAGSRV UDM UDMSRV UFTP	Upgrade 3rd party support for regular expression handling
B-10801	Windows	UCFGMGR	Provide a 64-bit version of the Universal Configuration Manager Control Panel Applet.
D-07076	z/OS	UAGSRV	Ensure that UAGSRV adjusts relative references to GDG datasets upon rerun/restart of a zOS task.
D-09113	z/OS	UECLOAD	Allow encrypted files generated with Universal Encrypt and protected with user-specific keys to be decrypted by UECLOAD.
D-09502	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured when displayed in Universal Agent logfiles.
D-09508	z/OS	UAGSRV UAGRERUN	Ensure jobs submitted prior to UAGSRV restart are tracked in Universal Controller.
D-09547	z/OS	UAGSRV	Ensure a zOS task does not stay in "Submitted" status when "IRR012I - VERIFICATION FAILED. USER PROFILE NOT FOUND" is issued. Improve handling to prevent a zOS task from remaining in "Submitted" status when \$HASP106 JOB DELETED BY JES2 OR CANCELLED BY OPERATOR BEFORE EXECUTION is issued.
D-09553	All	UAGSRV	Resolve an issue that prevented UAG Server cache and logs from being cleared following a manual request from Universal Controller.
D-09558	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured if displayed within a task's output.
D-09608	Unix Windows	OMSSRV	Prevent OMS Server crashes when duplicate connections are detected.
D-09631	All	UAGSRV OMSSRV UAGCMD	Restrict request IDs generated by OMS clients to the range 1 through 2147483647.

UNIX Package Maintenance Levels - Agent 6.7.x

- [Overview](#)
- [Universal Agent 6.7.x for UNIX Packages](#)
 - [Agent 6.7.0.0 - September 30, 2019](#)
- [Universal Agent for SOA 6.7.x for UNIX Packages](#)
 - [Agent for SOA 6.7.0.0 - September 30, 2019](#)

Overview

This page identifies the package contents for all Universal Agent 6.7.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 6.7.x](#).

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels - Agent 6.7.x](#).

Universal Agent 6.7.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 6.7.x and Universal Agent 6.7.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
6.7.0.0	September 30, 2019	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0



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 6.7.0.0 - September 30, 2019

Change ID	Platform	Component	Description
B-06684	All	UDM	UDMSRV Add threshold to prevent UDM from consuming all available memory when ACK_WINDOW is used.
B-07363	All	OMSSRV	Add option to require SSL connections to OMS Server.
B-08874	z/OS	UDM UDMSRV	Implement memory management efficiencies to reduce CPU consumption.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.
B-10687	Linux Windows	UPPS	Ensure UPPS webservice calls to the PeopleSoft system are network fault tolerant.
D-09502	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured when displayed in Universal Agent logfiles.
D-09553	All	UAGSRV	Resolve an issue that prevented UAG Server cache and logs from being cleared following a manual request from Universal Controller.
D-09558	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured if displayed within a task's output.
D-09608	Unix Windows	OMSSRV	Prevent OMS Server crashes when duplicate connections are detected.
D-09631	All	UAGSRV OMSSRV UAGCMD	Restrict request IDs generated by OMS clients to the range 1 through 2147483647.

Universal Agent for SOA 6.7.x for UNIX Packages

Agent for SOA 6.7.0.0 - September 30, 2019

Change ID	Platform	Component	Description
B-10357	Linux	UACSRV	Replace Oracle JRE with Open JRE 8 in the Universal Agent for SOA RPM and Debian packages.

Windows Package Maintenance Levels - Agent 6.7.x

- Overview
- Universal Agent 6.7.x for Windows Packages
 - Agent 6.7.0.0 - September 30, 2019
- 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 6.7.x for Windows Packages
 - Agent for SOA 6.7.0.0 - September 30, 2019

Overview

This page identifies the package contents for all Universal Agent 6.7.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 6.7.x](#).

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels - Agent 6.7.x](#).

Universal Agent 6.7.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
6.7.0.0	September 30, 2019	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0



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 6.7.0.0 - September 30, 2019

Change ID	Platform	Component	Description
B-05491	Windows	UBROKER	Add support to Universal Broker for writing messages to a log file instead of the Windows Application Event log.
B-06684	All	UDM	UDMSRV Add threshold to prevent UDM from consuming all available memory when ACK_WINDOW is used.
B-07363	All	OMSSRV	Add option to require SSL connections to OMS Server.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.
B-10687	Linux Windows	UPPS	Ensure UPPS webservice calls to the PeopleSoft system are network fault tolerant.
B-10701	Windows	UAGSRV UDM UDMSRV UFTP	Upgrade 3rd party support for regular expression handling.
D-09502	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured when displayed in Universal Agent logfiles.
D-09553	All	UAGSRV	Resolve an issue that prevented UAG Server cache and logs from being cleared following a manual request from Universal Controller.
D-09558	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured if displayed within a task's output.
D-09608	Unix Windows	OMSSRV	Prevent OMS Server crashes when duplicate connections are detected.
D-09631	All	UAGSRV OMSSRV UAGCMD	Restrict request IDs generated by OMS clients to the range 1 through 2147483647.

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 6.7.x for Windows Packages

Agent for SOA 6.7.0.0 - September 30, 2019

B-10229	Windows	Install	Update the Windows install platform to provide distribution files that run as native 64-bit applications.
B-10308	Windows	UACSRV	Provide a 64-bit implementation of Universal Agent for SOA and upgrade bundled Tomcat and Derby distributions.
B-10313	Windows	UACSRV	Replace Oracle JRE with Open JRE 8.
B-10801	Windows	UCFGMGR	Provide a 64-bit version of the Universal Configuration Manager Control Panel Applet.

zOS Package Maintenance Levels - Agent 6.7.x

- [Overview](#)
- [Universal Agent 6.7.x for z/OS Packages](#)
 - [Agent 6.7.0.0 - September 30, 2019](#)

Overview

This page identifies the package contents for all Universal Agent 6.7.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 6.7.x](#).

For a list of all changes in a release - all platforms, specific components - see [Component Maintenance Levels - Agent 6.7.x](#).

Universal Agent 6.7.x for z/OS Packages

The following table identifies the maintenance level of all components contained in each Universal Agent 6.7.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 Manag
6.7.0.0	September 30, 2019	6.7.0.0	6.7.0.0	6.7.0.0		6.7.0.0	6.7.0.0	6.7.0.0	6.7.0.0	5.7.0.0		6.7.0.0	6.7.0.0	6.7.0.0



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 6.7.0.0 - September 30, 2019

Change ID	Platform	Component	Description
B-03322	z/OS	UAGSRV	Add ability to use GDGs for UAGSRV log data sets as an alternative to create daily log data sets.
B-06684	All	UDM	UDMSRV Add threshold to prevent UDM from consuming all available memory when ACK_WINDOW is used.

B-07363	All	OMSSRV	Add option to require SSL connections to OMS Server.
B-08874	z/OS	UDM UDMSRV	Implement memory management efficiencies to reduce CPU consumption.
D-07076	z/OS	UAGSRV	Ensure that UAGSRV adjusts relative references to GDG datasets upon rerun/restart of a zOS task.
D-09113	z/OS	UECLOAD	Allow encrypted files generated with Universal Encrypt and protected with user-specific keys to be decrypted by UECLOAD.
D-09508	z/OS	UAGSRV UAGRERUN	Ensure jobs submitted prior to UAGSRV restart are tracked in Universal Controller.
D-09547	z/OS	UAGSRV	Ensure a zOS task does not stay in "Submitted" status when "IRR012I - VERIFICATION FAILED. USER PROFILE NOT FOUND" is issued. Improve handling to prevent a zOS task from remaining in "Submitted" status when \$HASP106 JOB DELETED BY JES2 OR CANCELLED BY OPERATOR BEFORE EXECUTION is issued.
D-09553	All	UAGSRV	Resolve an issue that prevented UAG Server cache and logs from being cleared following a manual request from Universal Controller.
D-09631	All	UAGSRV OMSSRV UAGCMD	Restrict request IDs generated by OMS clients to the range 1 through 2147483647.

IBM i Package Maintenance Levels - Agent 6.7.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 6.7.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 6.7.x

- Introduction
- Universal Automation Center Agent (UAG)
- Universal Agent for SOA (UACOSA)
- Universal Broker
- Universal Command
- Universal Configuration Manager (Control Panel Applet)
- Universal Connector for PeopleSoft
- Universal Data Mover
- Universal Enterprise Controller Load Utility
- Universal FTP Client
- Universal Message Service (OMS)

Introduction

This page summarizes the changes introduced in each component maintenance release for Universal Agent 6.7.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](#)

Universal Automation Center Agent (UAG)

Release 6.7.0.0 - September, 2019

Change ID	Platform	Component	Description
B-03322	z/OS	UAGSRV	Add ability to use GDGs for UAGSRV log data sets as an alternative to create daily log data sets.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.
B-10701	Windows	UAGSRV UDM UDMSRV UFTP	Upgrade 3rd party support for regular expression handling
D-07076	z/OS	UAGSRV	Ensure that UAGSRV adjusts relative references to GDG datasets upon rerun/restart of a zOS task.
D-09502	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured when displayed in Universal Agent logfiles.

D-09508	z/OS	UAGSRV UAGRERUN	Ensure jobs submitted prior to UAGSRV restart are tracked in Universal Controller.
D-09547	z/OS	UAGSRV	Ensure a zOS task does not stay in "Submitted" status when "IRR012I - VERIFICATION FAILED. USER PROFILE NOT FOUND" is issued. Improve handling to prevent a zOS task from remaining in "Submitted" status when \$HASP106 JOB DELETED BY JES2 OR CANCELLED BY OPERATOR BEFORE EXECUTION is issued.
D-09553	All	UAGSRV	Resolve an issue that prevented UAG Server cache and logs from being cleared following a manual request from Universal Controller.
D-09558	Unix Windows	UAGSRV	Ensure resolvable credentials are obscured if displayed within a task's output.
D-09631	All	UAGSRV OMSSRV UAGCMD	Restrict request IDs generated by OMS clients to the range 1 through 2147483647.

Universal Agent for SOA (UACOSA)

Release 6.7.0.0 - September, 2019

Change ID	Platform	Component	Description
B-10308	Windows	UACSRV	Provide a 64-bit implementation of Universal Agent for SOA and upgrade bundled Tomcat and Derby distributions.
B-10313	Windows	UACSRV	Replace Oracle JRE with Open JRE 8.
B-10357	Linux	UACSRV	Replace Oracle JRE with Open JRE 8 in the Universal Agent for SOA RPM and Debian packages.

Universal Broker

Release 6.7.0.0 - September, 2019

Change ID	Platform	Component	Description
B-05491	Windows	UBROKER	Add support to Universal Broker for writing messages to a log file instead of the Windows Application Event log.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.

Universal Command

Release 6.7.0.0 - September, 2019

Change ID	Platform	Component	Description
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.

Universal Configuration Manager (Control Panel Applet)

Release 6.7.0.0 - September, 2019

Change ID	Platform	Component	Description
B-10801	Windows	UCFGMGR	Provide a 64-bit version of the Universal Configuration Manager Control Panel Applet.

Universal Connector for PeopleSoft

Release 6.7.0.0 - September, 2019

Change ID	Platform	Component	Description
B-10687	Linux Windows	UPPS	Ensure UPPS webservice calls to the PeopleSoft system are network fault tolerant.

Universal Data Mover

Release 6.7.0.0 - September, 2019

Change ID	Component	Platform	Description
B-06684	All	UDM	UDMSRV Add threshold to prevent UDM from consuming all available memory when ACK_WINDOW is used.
B-08874		z/OS	UDM UDMSRV Implement memory management efficiencies to reduce CPU consumption.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.

B-10701	Windows	UAGSRV UDM UDMSRV UFTP	Upgrade 3rd party support for regular expression handling.
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Universal Enterprise Controller Load Utility

Release 6.7.0.0 - September, 2019

Change ID	Component	Platform	Description
D-09113	z/OS	UECLOAD	Allow encrypted files generated with Universal Encrypt and protected with user-specific keys to be decrypted by UECLOAD.

Universal FTP Client

Release 6.7.0.0 - September, 2019

Change ID	Component	Platform	Description
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.
B-10701	Windows	UAGSRV UDM UDMSRV UFTP	Upgrade 3rd party support for regular expression handling.

Universal Message Service (OMS)

Release 6.7.0.0 - September, 2019

Change ID	Component	Platform	Description
B-07363	All	OMSSRV	Add option to require SSL connections to OMS Server.
B-10383	Unix Windows	All	Update 3rd party support for encryption and resolve documented TLS/SSL vulnerabilities with upgrade to OpenSSL 1.1.1b. Remove support for the vulnerable DES-CBC-SHA cipher. Note: HP-UX and zLinux agents still use OpenSSL 1.0.2f.

D-09608	Unix Windows	OMSSRV	Prevent OMS Server crashes when duplicate connections are detected.
D-09631	All	UAGSRV OMSSRV UAGCMD	Restrict request IDs generated by OMS clients to the range 1 through 2147483647.