



Stonebranch Solutions

Version 4.2.0

Stonebranch Solutions
Maintenance

sb-maintenance-4204

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Introduction

Stonebranch Solutions 4.2.0 consists of a family of components that address distributed systems management and automation. The component family supports a large variety of operating systems and hardware.

This document describes product packages available for each platform and lists changes made to the packages and to the products for each maintenance level made generally available.

This document replaces the Consolidated Fix List used previously. For previous product versions, the Consolidated Fix Lists are still available on the Stonebranch web site in the Customer area.

Change Identifiers

All package and product changes are identified with a unique identifier. Stonebranch used an issue tracking system that formatted identifiers as DF01234 or CR01234, where DF indicated a defect and CR indicated a change request.

As of February 27, 2006, Stonebranch changed to a different issue tracking system. As a result, change identifier formats changed as well. Change identifiers are now formatted as CCC-NNN, where CCC is a component identifier to which the change applies, and NNN is numeric value unique to that component.

As of January 1, 2010, Stonebranch changed to another issue tracking system. As a result, change identifier formats changed as well. Change identifiers are now formatted as CC-NNNNN, where CC is "B" for a new feature or improvement and "D" for a defect, and NNNNN is a unique numeric value.

Product Packaging

As of Version 3.1.0, Stonebranch Solutions components are bundled together into a single distributed unit referred to as a Stonebranch Solutions Package, concisely referred to as a package in this document.

Versioning

A package is uniquely identified with a version, release, modification level, and maintenance level.

For example, for Stonebranch Solutions 4.2.0.1:

- 4 = Version 4
- 2 = Release 2
- 0 = Modification Level 0
- 1 = Maintenance Level 1

Similarly, each product within the package is uniquely identified with its own independent version, release, modification level, and maintenance level.

For example, for Universal Command 4.2.0.0:

- 4 = Version 4
- 2 = Release 2
- 0 = Modification Level 0
- 0 = Maintenance Level 0

A product maintenance level is incremented when product changes, perhaps to correct a defect or add an enhancement, are added to the product. A package maintenance level is incremented when a product within the package changes. For example, when a new maintenance level of one or more products included in a package is incremented, a new package is released with an incremented maintenance level that includes the new product maintenance levels.

Package maintenance levels do not necessarily apply across all platforms. For example, Stonebranch Solutions for z/OS and UNIX could be at maintenance level 4.2.0.3, but Stonebranch Solutions for Windows could be at 4.2.0.2.

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.

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 Stonebranch Solutions package on its supported platforms.

z/OS

The Stonebranch Solutions 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.

Maintenance is packaged as a cumulative PTF file containing all available product PTFs for all products within the Stonebranch Solutions package.

Windows

All packages are created with the InstallShield Windows packaging tool. The package is installed with Microsoft's Windows Installer (extension .msi).

On the Microsoft Windows platforms, there are four packages available:

1. Stonebranch Solutions package includes all products except Universal Enterprise Controller server and clients.
2. Universal Enterprise Controller server package.
3. Universal Enterprise Controller clients package.
4. SOA for Stonebranch Solutions.

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

Packages are created to comply with the UNIX vendor recommendations. If a UNIX vendor does not have a preferred installation method, the Stonebranch UNIX installation script is used.

On the UNIX platforms, there are two packages available:

1. Stonebranch Solutions package.
2. SOA for Stonebranch Solutions.

Packaging formats are as follows:

- 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.

Product maintenance is packaged as an updated installation package. The installation process upgrades the current installation to the latest product maintenance level.

IBM i

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.

Maintenance is packaged as a cumulative PTF file containing all available product PTFs.

Package Maintenance Levels

This section lists the product levels included in the Stonebranch Solutions 4.2.0 packages for each platform:

- [z/OS](#)
- [Windows](#)
- [UNIX](#)
- [IBM i](#)

Each Stonebranch Solutions 4.2.0 package is made available for one or more platforms.

The following tables identify all Stonebranch Solutions 4.2.0 packages and the platforms for which each package was made available.

Stonebranch Solutions

Stonebranch Solutions	z/OS	Windows	UNIX	IBM i	HP NonStop ¹
4.2.0.3			√ ³		
4.2.0.2			√ ²		
4.2.0.1	√	√	√	√	
4.2.0.0	√	√	√	√	
<p>1 Current release of Stonebranch Solutions for HP NonStop is Universal Products 2.1.1.3. 2 Solaris system only. 3 Linux x86, Linux x64, and Solaris SPARC systems only.</p>					

Stonebranch Solutions for SOA

Universal Products for SOA	z/OS	Windows	UNIX	IBM i	HP NonStop
4.2.0.0		√	√		

Universal Enterprise Controller for Windows

Universal Enterprise Controller	z/OS ¹	Windows	UNIX	IBM i	HP NonStop
4.2.0.0		√			
<p>1 On z/OS, Universal Enterprise Controller is a component of the Stonebranch Solutions package.</p>					

Universal Enterprise Controller Client Applications for Windows

Universal Enterprise Controller	z/OS	Windows	UNIX	IBM i	HP NonStop
4.2.0.0		√			

z/OS

Stonebranch Solutions 4.2.0 Level 1

Released December 10, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 1
Universal Certificate	4.2.0 Level 0
Universal Command Manager	4.2.0 Level 0
Universal Command Server	4.2.0 Level 1
Universal Connector	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 1
Universal Encrypt	4.2.0 Level 0
Universal Enterprise Controller	4.2.0 Level 0
Universal Event Monitor Manager	4.2.0 Level 0

This maintenance release includes the following package changes:

Change ID	Component	Platform	Description
D-01727	Install	z/OS UNIX System Services	Installation job UNVUG320 has an invalid COND parameter value on the JOB statement preventing certain job steps from executing, resulting in an allocation failure for AUNVHBIN in job UNVUN04.

Stonebranch Solutions 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 0
Universal Certificate	4.2.0 Level 0
Universal Command Manager	4.2.0 Level 0
Universal Command Server	4.2.0 Level 0
Universal Connector	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 0
Universal Encrypt	4.2.0 Level 0
Universal Enterprise Controller	4.2.0 Level 0
Universal Event Monitor Manager	4.2.0 Level 0

Windows

Stonebranch Solutions 4.2.0 Level 1

Released December 10, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 1
Universal Certificate	4.2.0 Level 0
Universal Command Manager	4.2.0 Level 0
Universal Command Server	4.2.0 Level 1
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 1
Universal Encrypt	4.2.0 Level 0
Universal Event Monitor	4.2.0 Level 0

Stonebranch Solutions 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 0
Universal Certificate	4.2.0 Level 0
Universal Command	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 0
Universal Encrypt	4.2.0 Level 0
Universal Event Monitor	4.2.0 Level 0

Universal Enterprise Controller 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Enterprise Controller	4.2.0 Level 0

Universal Enterprise Controller Client Applications 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Component Name	Component Release and Level
UEC Activity Monitor	4.2.0 Level 0
UEC Administration	4.2.0 Level 0
UEC Management Console	4.2.0 Level 0

Universal Products for SOA 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Product Name	Product Release and Level
Universal Command Agent for SOA	4.2.0 Level 0

UNIX

Stonebranch Solutions 4.2.0 Level 3

Released November 29, 2012

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 2
Universal Certificate	4.2.0 Level 0
Universal Command Manager	4.2.0 Level 0 *
Universal Command Server	4.2.0 Level 1
Universal Connector	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 1
Universal Encrypt	4.2.0 Level 0
Universal Event Monitor	4.2.0 Level 0
* For the AIX package only, Universal Command Manager is 4.2.0 Level 1.	

Stonebranch Solutions 4.2.0 Level 2

Released November 11, 2011

This package includes only installation package changes.

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 1
Universal Certificate	4.2.0 Level 0
Universal Command Manager	4.2.0 Level 0 *
Universal Command Server	4.2.0 Level 1
Universal Connector	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 1
Universal Encrypt	4.2.0 Level 0
Universal Event Monitor	4.2.0 Level 0
* For the AIX package only, Universal Command Manager is 4.2.0 Level 1.	

This maintenance release includes the following package changes:

Change ID	Component	Platform	Description
D-02508	Install Package	Solaris	<p>The install package scripts unnecessarily stop ubrokerd processes running on all zones, not just the one zone on which the package is being installed.</p> <p>The faulty scripts are included in packages prior to 4.2.0.2. When these packages are uninstalled or upgraded, they will stop all ubrokerd processes. Contact Stonebranch Customer Support for instructions on how to disable the pre-4.2.0.2 package scripts if this would cause problems in your environment.</p>

Stonebranch Solutions 4.2.0 Level 1

Released December 10, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 1
Universal Certificate	4.2.0 Level 0
Universal Command Manager	4.2.0 Level 0 *
Universal Command Server	4.2.0 Level 1
Universal Connector	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 1
Universal Encrypt	4.2.0 Level 0
Universal Event Monitor	4.2.0 Level 0
* For the AIX package only, Universal Command Manager is 4.2.0 Level 1.	

Stonebranch Solutions 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 0
Universal Certificate	4.2.0 Level 0
Universal Command	4.2.0 Level 0
Universal Connector	4.2.0 Level 0
Universal Control	4.2.0 Level 0
Universal Database Utilities	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 0
Universal Encrypt	4.2.0 Level 0
Universal Event Monitor	4.2.0 Level 0

Universal Products for SOA 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Product Name	Product Release and Level
Universal Products for SOA	4.2.0 Level 0

IBM i

Stonebranch Solutions 4.2.0 Level 1

Released December 10, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 1
Universal Command Manager	4.2.0 Level 0
Universal Command Server	4.2.0 Level 1
Universal Data Mover	4.2.0 Level 1
Universal Encrypt	4.2.0 Level 0

Stonebranch Solutions 4.2.0 Level 0

Released August 6, 2010

This package includes the following product levels:

Component Name	Component Release and Level
Universal Broker	4.2.0 Level 0
Universal Command	4.2.0 Level 0
Universal Data Mover	4.2.0 Level 0
Universal Encrypt	4.2.0 Level 0

Product Maintenance Levels

This section lists the changes included in product maintenance levels for each platform on which the product is made available.

- [Universal Command 4.2.0](#)
- [Universal Data Mover 4.2.0](#)
- [Universal Enterprise Controller 4.2.0](#)
- [Universal Event Monitor 4.2.0](#)
- [Universal Connector 4.2.0](#)
- [Universal Certificate 4.2.0](#)
- [Universal Encrypt 4.2.0](#)
- [Universal Database Utilities 4.2.0](#)
- [Universal Control 4.2.0](#)
- [Universal Broker 4.2.0](#)

The following information is identified for each change:

- **Change ID** Stonebranch tracking system ID used to identify changes (see [Change Identifiers](#)).
- **Component** Component(s) of the Universal Product for which the change was made.
- **Platform** Platform(s) on which the change is implemented.
- **Description** Description of the change.

Universal Command 4.2.0

Level 1

Released December 10, 2010

This maintenance release includes the following changes:

Change ID	Component	Platform	Description
D-01701	UCMD Server	All	Fix UNV0408E "invalid sequence number" error after network connections successfully reestablished. IBM i PTFs: 0UV0603 z/OS PTFs: PU61001, PU61002

Universal Data Mover 4.2.0

Level 1

Released December 10, 2010

This maintenance release includes the following changes:

Change ID	Component	Platform	Description
B-02065	UDM Manager and Server	All	Improvements to the FORFILES script command performance and CPU utilization. IBM i PTFs: 0UV0601 z/OS PTFs: PU64001, PU64002, PU64003, PU65001, PU65002
D-01702	UDM Manager	Windows and z/OS	Fix potential storage access violation updating script variables. z/OS PTFs: PU64001, PU64002, PU64003, PU65001, PU65002
D-01703	UDM Manager and Server	Windows and z/OS	Fix potential hang due to a protocol message sequence order that removed queued messages prior to them being processed. z/OS PTFs: PU64001, PU64002, PU64003, PU65001, PU65002

Universal Enterprise Controller 4.2.0

For Windows, the Universal Enterprise Controller product includes the separately packaged Universal Enterprise Controller Client Applications.

No maintenance available.

Universal Event Monitor 4.2.0

No maintenance available.

Universal Connector 4.2.0

No maintenance available.

Universal Certificate 4.2.0

No maintenance available.

Universal Encrypt 4.2.0

No maintenance available.

Universal Database Utilities 4.2.0

No maintenance available.

Universal Control 4.2.0

No maintenance available.

Universal Broker 4.2.0

Level 2

Released November 29, 2012

This maintenance release includes the following changes:

Change ID	Component	Platform	Description
D-03269	UBROKER	Linux x86, Linux x64, Solaris SPARC	Digital certificate can potentially exceed the size of internal buffers causing UBROKER server to not start.

Level 1

Released December 10, 2010

This maintenance release includes the following changes:

Change ID	Component	Platform	Description
D-01678	UBROKER	All	Fix potential negative XPS event object identifiers after about 2 billion event objects are created. IBM i PTFs: 0UV0602 z/OS PTFs: PU59001, PU59002
D-01705	UBROKER	All	Increase the full SSL close timeout value from 10 seconds to 30 seconds to reduce the likelihood of UNV3355E "request timed out" error in ReceiveClose. IBM i PTFs: 0UV0602 z/OS PTFs: PU59001, PU59002

Documentation

This section lists the current version of all Stonebranch Solutions documentation.

Stonebranch Solutions 4.2.0 Level 3

Released November 29, 2012

The following documentation is available with this maintenance level of Stonebranch Solutions 4.2.0. Documents that were created / updated since this maintenance level are highlighted.

Document Name	File Name
Stonebranch Solutions Overview	sb-overview-4200.pdf
Indesca Business Solution Overview	indesca-solution-4200.pdf
Indesca User Guide	indesca-user-4201.pdf
Infitran Business Solution Overview	infitran-solution-4200.pdf
Infitran User Guide	infitran-user-4201.pdf
Stonebranch Solutions Maintenance	sb-maintenance-4204.pdf
Stonebranch Solutions Installation Guide	sb-install-4200.pdf
Stonebranch Solutions Installation Requirements	sb-install-reqs-4201.pdf
Stonebranch Solutions Messages and Codes	sb-m&c-4201.pdf
Stonebranch Solutions Messages and Codes (TXT format)	sb-m&c-4201.txt
Stonebranch Solutions Utilities Reference Guide	sb-ref-4200.pdf
Universal Broker Reference Guide	ub-ref-4200.pdf
Universal Certificate Quick Reference	ucert-quickref-4200.pdf
Universal Command Reference Guide	ucmd-ref-4201.pdf
Universal Command Quick Reference	ucmd-quickref-4200.pdf
Universal Connector Reference Guide	usap-ref-4201.pdf
Universal Connector Quick Reference	usap-quickref-4200.pdf

Document Name	File Name
Universal Control Quick Reference	uctl-quickref-4200.pdf
Universal Data Mover Reference Guide	udm-ref-4201.pdf
Universal Data Mover Quick Reference	udm-quickref-4200.pdf
Universal Enterprise Controller Reference Guide	uec-user-4200.pdf
Universal Enterprise Controller Client Applications	uec-ca-4200.pdf
UECLoad Quick Reference	uecload-quickref-4200.pdf
Universal Event Monitor Reference Guide	uem-ref-4200.pdf
Universal Event Monitor Quick Reference	uem-quickref-4200.pdf
Universal Event Subsystem Event Definitions	ues-eventdef-4200.pdf
UEMLoad Quick Reference	uemload-quickref-4200.pdf
Universal Query Quick Reference	uqry-quickref-4200.pdf



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