Stonebranch Solutions

Version 4.3.0

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Features Overview

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SAP Certified Integration

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Introduction

On January 11th, 2011, Stonebranch and OpsWise, the creator of Automation Center, an innovative tool for enterprise workload automation, merged to provide our customers with a more comprehensive and innovative option to managing business workflows in order to better meet today's fast-paced technology advancements.

Typically, the activity to merge products is measured in years, rarely in months, and NEVER in days. This release of Indesca and Infitran 4.3 and the release of OpsWise Automation Center 1.6 introduce the first phase for an integrated solution between the product sets.

Customer-driven requests are always important to Stonebranch and this release is no different, with the addition of a number of key, highly requested features included.

For additional information on Stonebranch Solutions 4.3.0, please contact your Stonebranch representative or send an email to info@stonebranch.com.

Features

This section provides a summary of the features included in Stonebranch Solutions 4.3.0.

Indesca and Infitran

The following items have been added to both Indesca and Infitran and may impact one or more of their shared components.

Integration with OpsWise Automation Center

Stonebranch agents have been updated to optionally register with OpsWise Automation Center at start-up in order to provide a single view into the OpsWise and Stonebranch agent topology. This is the first phase of integration and builds the foundation for taking advantage of the innovative technology available in Automation Center for visibility and management of all Stonebranch Solutions.

See the following Indesca and Infitran sections for details on new Indesca and Infitran task types now available in OpsWise Automation Center.

Local/System No Longer Required on Windows

Based on Microsoft's recommendation, the Universal Broker service is no longer required to run as Local/System on Windows operating systems. InstallShield will prompt during installation to use Local/System or specify a user account. The default is to specify a user account. A default userid of UBrokerService is supplied and can be overridden at install time.

For more information and operational details, see the Stonebranch Solution Installation Guide available on the customer download site.

Support for UNC Paths

Access to UNC mapped drives such as NAS devices is now available for components Universal Command, Universal Data Mover and Universal Event Monitor, enabling you to expand the capabilities of Indesca and Infitran.

Support for IBM LDAP Authentication on AIX

Authentication for an LDAP/Kerberos authentication implementation using LAM is now supported via the PAM security option availability for the AIX platform.

Support for /etc/shadow on AIX, HP, Linux, and Solaris

When security is set to default, and passwords are stored in the shadow password file, the password in the /etc/shadow file will automatically be used for user authentication. If /etc/shadow support is implemented through PAM, PAM can be specified on PAM supported platforms as an alternative.

New Audit Consolidated Event Records

We have added three new audit records to the event sub-system. These include a consolidated job record for an Indesca job, an Infitran job, and an Infitran File Transfer. Individual event records are now automatically consolidated into one final record that matches the information supplied to the Activity Monitor for easier historical and audit reporting needs, allowing you to meet compliance and audit requirements.

Indesca

New Indesca Task Type in OpsWise Automation Center

With the new integration of Indesca and OpsWise Automation Center, a new task type for Indesca processes has been added to execute distributed workload, leveraging the existing Stonebranch infrastructure for current Indesca customers.

Print Port Numbers on Reconnect

When a network error occurs the network connections are re-established when NFT is used. The port number of the new connections will now be printed. This information is valuable when analyzing network packet traces for connectivity issues.

MQ Series CCDT Support

An MQ client can utilize a Connection Channel Definition Table (CCDT) to establish a connection with a queue manager. A CCDT provides an MQ Client the ability to connect to alternative queue managers should a connection fail and balance MQ client connections over a group of queue managers, giving you better support for both fault tolerance as well as load balancing.

A new UAC Server configuration option called MQ_CCDT_URL and new CCDT values for the MQ_CHANNEL and MQ_QUEUE_MANAGER_NAME have been added to support the use of CCDT in Indesca for SOA. See the Universal Command Agent for SOA Reference Guide available on the customer download site for more details.

Infitran

New Infitran File Transfer Type in OpsWise Automation Center

The new integration with OpsWise Automation Center includes a new file transfer type for Infitran, bringing additional managed file transfer to Automation Center using the existing Infitran technology and infrastructure.

Platform Support

Stonebranch Solutions 4.3.0 provides support for the following operating systems:

- IBM z/OS 1.10 – 1.11
- IBM AIX 5.3 TL9 and above
- HP HP-UX 11i v1[1] – 11i v3 for PA-RISC
- HP HP-UX 11i v2 – 11i v3 for Itanium
- Sun Solaris 8 – 10 for SPARC
- Sun Solaris 10 for Intel
- Linux kernel 2.4 – 2.6 for Intel 32-bit
- Linux kernel 2.6 for Intel 64-bit
- Linux kernel 2.6 for Intel 64-bit Itanium
- Linux kernel 2.4 – 2.6 for S/390 and z/Architecture
- NCR MP-RAS 3.02
- HP Tru64 v5.1B
- Microsoft Windows XP SP3, Windows Server 2003 SP1 and higher, Windows Vista, Windows 7, Windows Server 2008, and Windows Server 2008 R2
- IBM OS/400 (i/5OS, IBM i) V5R4 and above
- JAVA Runtime Environment 1.5 and above

Platform Support Changes

The following platform support changes have been made from Stonebranch Solutions 4.2.0 to Stonebranch Solutions 4.3.0:

- Minimum z/OS support has from z/OS 1.4 to z/OS 1.10.
- Minimum AIX support has changed from AIX 5.2 to AIX 5.3.
- Minimum Windows support has changed from Windows 2000 SP4 to Windows XP SP3/Windows Server 2003 SP1.
- Minimum IBM i support has changed from IBM i V5R3 to IBM i V5R4.

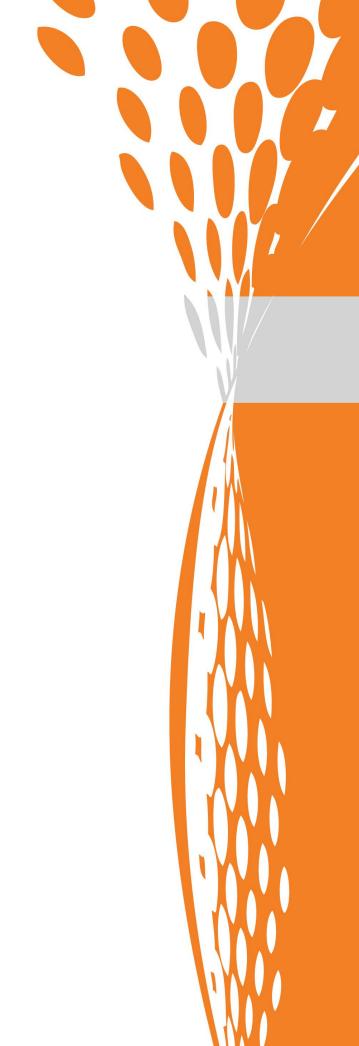[1] HP Patch Bundle GOLDQPK11i_B.11.11.0612.459.depot or above is required.

Operational Changes

Windows

With the support for a non-Local/System account for the Universal Broker service on Windows, there are new command line options supported for the Windows Installer Command Line: RUNBROKERASUSER, BROKERUID, and BROKERPWD. If these are not specified, a new installation will default to RUNBROKERASUSER and use the default UID of UBrokerService. If UBrokerService does not exist, it will be created with default security attributes.

If the installation of a pre- 4.3.0 Universal Broker used a non Local/System user, these new parameters should be specified with the appropriate values during installation time either through InstallShield or the Windows command line.

For more information and operational details, see the Stonebranch Solutions Installation Guide available on the customer download site.