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****************************************************************
                        webMethods
              CentraSite ActiveSOA (v9.5 SP1)
                       for Windows
                   and UNIX Platforms


                 Post-Installation README File

This file contains important information you must read before
using CentraSite ActiveSOA. You can find additional information
about CentraSite ActiveSOA in the documentation area of Empower
(https://empower.softwareag.com), Software AG's global extranet.


                                      November 15th, 2013
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Table of Contents
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1 Readme and Last Minute Information
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 The content of this readme file represents the state of the
 software to the best knowledge of all involved at the time
 when the final distribution was built.

 Any further changes to the content of this file are available
 at https://empower.softwareag.com/.

 ** IMPORTANT: we strongly recommend you to install the latest
 fix of your currently installed product version before you
 install the new product version. **

 Please note that some of the entries of this readme file do
 not apply to the CentraSite Community Edition. For more
 information on the features available with the ActiveSOA or
 the Community Edition of CentraSite, see the online
 documentation section "Introducing CentraSite" > "CentraSite
 Editions".

 For release information concerning the security package
 distributed with CentraSite, see the Software AG Security
 Infrastructure readme file available via the Software AG
 Installer or via https://empower.softwareag.com/.

 In the following descriptions of the known issues, the term
 "<InstallDir>" indicates the installation directory of the
 product.

2 Known Issues for CentraSite
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2.1 Installation and Configuration Issues

2.1.1 Upgrade procedure does not update SSL client
      configurations

 If you perform an upgrade from CentraSite 9.0 to 9.5, the
 upgrade does not automatically upgrade your SSL configurations
 for communication between clients and the CentraSite Registry
 Repository. As a result, some of your existing CentraSite 9.0
 configurations might not be valid for CentraSite 9.5.

Therefore, you need to adjust your SSL configurations after
upgrading to CentraSite 9.5. Please check the product
documentation for the description of how to set up SSL
configurations from clients to the CentraSite Registry
Repository.

2.1.2 Registry/Repository does not start after overinstall
      upgrade on 32-bit Windows systems

If CentraSite is upgraded from version 8.2 or from version 9.0
to version 9.5 on 32-bit Windows systems using the overinstall
method (as opposed to the side-by-side method), it can happen
that the startup procedure of the CentraSite
Registry/Repository does not run properly after the upgrade.

The reason for the issue is that on a 32-bit Window system the
installation path of a 32-bit Java is different to the path on
a 64-bit Window system. The issue can be corrected by
specifying the correct "lib binary path" using the command
line utility "regutil". The following steps have to be done:

1. Go to the directory <InstallDir>\CentraSite\bin.
2. Run centrasite_setenv.cmd to set the command line
   environment for CentraSite.
3. Read the current "lib binary path" using "regutil
   getvaluedata".
4. Replace the string "jvm_32" by "jvm" in the result path.
5. Replace the existing "lib binary path" by the updated path
   using "regutil setvaluedata".

Example:

In the following example we assume that the installation path
<InstallDir> is "c:\SoftwareAG". To correct the "lib binary
path" you have to do the following on the command line. The
command prompt is indicated by the ">" character at the
beginning of a line. The "regutil" command is shown here
wrapped over two lines for display reasons, but you specify it
as a single command:

> cd c:\SoftwareAG\CentraSite\bin
> centrasite_setenv.cmd
> regutil getvaluedata
   HKLMS\CentraSite\CentraSite\9.5 "lib binary path"

The regutil utility outputs the path, for example:

C:\SoftwareAG\CentraSite\bin;C:\SoftwareAG\jvm\jvm_32\jre\bin\server;
C:\SoftwareAG\jvm\jvm_32\jre\lib;C:\SoftwareAG\jvm\jvm_32\jre\bin

Now call "regutil setvaluedata", specifying the above path as
input to the utility, but with "jvm_32" replaced by "jvm". The
command prompt is indicated by the ">" character at the
beginning of a line. The "regutil" command is shown here
wrapped over several lines for display reasons, but you
specify it as a single command:

> regutil setvaluedata
    HKLMS\CentraSite\CentraSite\9.5 "lib binary path"
    C:\SoftwareAG\CentraSite\bin;C:\SoftwareAG\jvm\jvm\jre\bin\server;
    C:\SoftwareAG\jvm\jvm\jre\lib;C:\SoftwareAG\jvm\jvm\jre\bin;

Please check the result by using the "regutil getvaluedata"
call again. If you are not familiar with this utility, please
contact your software supplier for assistance.

(INM-16617)

2.2 CentraSite Business UI

2.2.1 IE8 Browser: CentraSite Business UI not Displaying
      Correctly

When accessing the CentraSite Business UI using Microsoft
Internet Explorer version 8 via HTTP (access to CentraSite
from a remote machine), the Business UI may not display
correctly if the compatibility settings of IE8 are activated
on the remote machine for the CentraSite website. Such
settings are maintained in IE8 under "Tools" > "Compatibility
View Settings".

In order to work correctly, IE8 compatibility settings must
not be used for the website.

This issue applies only to using Internet Explorer 8 with the
BUI. If you have a later version of the Internet Explorer, the
problem does not apply.

(INM-14657)

2.2.2 Restricted availability of roles "API Runtime Provider"
      and "API Publisher"

The roles "API Runtime Provider" and "API Publisher" are two
default roles introduced in this release. Users who want to
perform virtualization or publishing of services are required
to have these roles. These roles are not available to
user-created organizations that have been migrated from a
previous product version; they are also not available for
organizations that have been imported from archives created
with a previous product version.

These roles cannot be created manually. In the absence of
those roles, only a user with the "CentraSite Administrator"
role can publish or virtualize services. A fix will be
generated as soon as possible to repair this.

(INM-16647)

2.2.3 Restriction for saved searches in Welcome page

The following searches which appear in the Welcome Page's
dialog "Add New Portlet" should not be used for portlets:

 - ServiceEventsOverPeriod
 - ServicePerformanceMetricsOverPeriod

These will be removed from the list in the near future.

(INM-16661)

2.2.4 Moving an API invalidates credentials information in the
      API Key Generator Policy

If you activate the API Key settings action in the Business
UI, CentraSite will create a policy with an approval action,
irrespective of the "Require approval" setting. The approval
action's username parameter will have the asset's owner uuid.
If someone changes the owner of the asset, CentraSite does not

automatically change the username parameter of this policy.

 Workaround: Edit the policy manually and update the username
 parameter.

 (INM-16657)

2.3 Asset Handling

2.3.1 Association type can only be assigned to one relationship
      attribute

 For any given association type, you cannot have more than one
 relationship attribute defined with that association type. For
 example, if the association type "RelatedTo" is used for a new
 internal relationship attribute of the service type, you
 cannot use this association type for any other relationship
 attribute.

 Possible upgrade problems can occur due to this restriction,
 if the upgrade requires an association type to be used for
 more than one relationship attribute. A possible workaround
 for the upgrade problem is to change the association type of
 the relationship in the existing database.

 (INM-16636)

2.4 Import/Export Issues

2.4.1 Importing older versions of predefined asset types no
      longer allowed

 Importing predefined asset types is no longer possible if the
 existing version of the predefined asset type in the registry
 is more recent than the one in the import archive. This is to
 avoid the possible corruption of relevant information by the
 import. For example, a predefined asset type from version 8.2
 in an import archive cannot overwrite the existing one in a
 version 9.5 registry.

 (INM-16218)

2.4.2 Exported organizations cannot be imported

 If you create an organization in the current product release,
 then export the organization, then import the exported archive
 into an instance of current release (either another CentraSite
 instance, or the instance where the export archive was created
 ), the import will fail.

 This problem only occurs with organizations created and
 exported in the current product release. Organizations created
 and exported in previous releases are not affected by this
 import problem.

 (INM-16663)

2.5 Pluggable UI

2.5.1 PluggableUIRegistryProvider moved to a new package

 Any implementation which uses PluggableUIRegistryProvider
 class will receive an exception:

 Java.lang.ClassNotFoundException:
 com.softwareag.centrasite.appl.framework.util.PluggableUIRegistryProvider.

 Any implementation using the class PluggableUIRegistryProvider
 should be referenced from the PluggableUIRegistryProvider.jar.
 Also note that the package has been changed from
 "com.softwareag.centrasite.appl.framework.util" to
 "com.softwareag.centrasite.appl.framework.util.pui".

 (INM-16612)

3 Notes on Product Scope

3.1 Business User Interface

 The Virtualization feature of the Business User Interface is
 provided only as preview and is not intended for use in
 production systems.

4 Deprecation Notices

4.1 Revisioning

 The CentraSite versioning capability currently supports a
 revisioning feature. Note that this revisioning feature will
 be removed in one of the next product releases.

4.2 Active Directory Authentication other than LDAP

 Because of architectural changes in the security
 infrastructure the authentication with Microsoft Active
 Directory will only be supported by the means of LDAP.

5 Documentation Addenda and Errata

5.1 Setting up Secure Communication and Tomcat Ports

 The section "Configuring Secure Communication between
 CentraSite Components" in the product documentation is no
 longer strictly correct. Please use the following procedures
 instead.

5.1.1 Secure Communication

 It is not advised to make changes to webapp configuration
 files as these may be subsequently overwritten by the
 application of hotfixes and upgrades.

Instead, use the command line tool "CentraSiteCommand" with
the option "set SSL RR" or "set SSL AST", as in the following
description:

We advise you to run the "set SSL RR" command before "set SSL
AST". The commands attempt to check that the new
configurations have been successfully applied. If the
reconfiguration fails the original configuration is
reinstated. The original configuration files are archived to
<InstallDir>/CentraSite/cfg/archive. You can use the same
input configuration file for the "set SSL AST" and "set SSL
RR" commands.

set SSL RR
=========

    -url: CentraSite URL using https
    -user: User to log in to CentraSite
    -password: Password to log in to CentraSite
    -file: Configuration file containing the security properties.

The following properties need to be supplied in .xml format:

com.softwareag.centrasite.security.keyStore
com.softwareag.centrasite.security.keyStorePassword
com.softwareag.centrasite.security.keyStoreType

com.softwareag.centrasite.security.trustStore
com.softwareag.centrasite.security.trustStorePassword
com.softwareag.centrasite.security.trustStoreType

com.softwareag.centrasite.security.crr.trustStore
com.softwareag.centrasite.security.crr.certificate
com.softwareag.centrasite.security.crr.keyFile
com.softwareag.centrasite.security.crr.storePassword

Example

CentraSiteCommand set SSL RR
    -url https://localhost:53313/CentraSite/CentraSite
    -user AdminUser -password AdminPwd
    -file C:\SoftwareAG\CentraSite\utilities\RR-config.xml

```
      RR-config.xml
      -------------


<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE properties SYSTEM "http://java.sun.com/dtd/properties.dtd">
<properties>
<entry key="com.softwareag.centrasite.security.keyStore">C:/SoftwareAG/CentraSite/test/files/certs/castcert.p12</entry>
<entry key="com.softwareag.centrasite.security.keyStorePassword">cscert</entry>
<entry key="com.softwareag.centrasite.security.keyStoreType">PKCS12</entry>
<entry key="com.softwareag.centrasite.security.trustStore">C:/SoftwareAG/CentraSite/test/files/certs/casttrust.p12</entry>
<entry key="com.softwareag.centrasite.security.trustStorePassword">cscert</entry>
<entry key="com.softwareag.centrasite.security.trustStoreType">PKCS12</entry>
<entry key="com.softwareag.centrasite.security.crr.trustStore">C:/SoftwareAG/CentraSite/test/files/certs/crrtrust.pem</entry>
<entry key="com.softwareag.centrasite.security.crr.certificate">C:/SoftwareAG/CentraSite/test/files/certs/crrcert.crt</entry>
<entry key="com.softwareag.centrasite.security.crr.keyFile">C:/SoftwareAG/CentraSite/test/files/certs/crr.key</entry>
<entry key="com.softwareag.centrasite.security.crr.storePassword">cscert</entry>
</properties>


      set SSL AST
      ===========


            -url: CentraSite URL using https
            -user: User to log in to CentraSite
            -password: Password to log in to CentraSite
            -file: Configuration file containing the security properties.


      Note that the Software AG Runtime must be shut down before
      this command is run, and can be restarted after the command
      has been executed.

      The following properties need to be supplied in .xml format:

      com.softwareag.centrasite.security.keyStore
      com.softwareag.centrasite.security.keyStorePassword
      com.softwareag.centrasite.security.keyStoreType
      com.softwareag.centrasite.security.trustStore
      com.softwareag.centrasite.security.trustStorePassword
      com.softwareag.centrasite.security.trustStoreType


      Example
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      [shut down Software AG Runtime]

      CentraSiteCommand set SSL AST
            -url https://localhost:53313/CentraSite/CentraSite
            -user AdminUser -password AdminPwd
            -file C:\SoftwareAG\CentraSite\utilities\AST-config.xml


      [start Software AG Runtime]
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    AST-config.xml
    --------------

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE properties SYSTEM "http://java.sun.com/dtd/properties.dtd">
<properties>
<entry key="com.softwareag.centrasite.security.keyStore">C:/SoftwareAG/CentraSite/test/files/certs/castcert.p12</entry>
<entry key="com.softwareag.centrasite.security.keyStorePassword">cscert</entry>
<entry key="com.softwareag.centrasite.security.keyStoreType">PKCS12</entry>
<entry key="com.softwareag.centrasite.security.trustStore">C:/SoftwareAG/CentraSite/test/files/certs/casttrust.p12</entry>
<entry key="com.softwareag.centrasite.security.trustStorePassword">cscert</entry>
<entry key="com.softwareag.centrasite.security.trustStoreType">PKCS12</entry>
</properties>
```

5.1.2 Tomcat ports

The Tomcat ports also need to be propagated to the CentraSite
webapps. This is done in the following manner:

1. First set the ports in the configuration file
   <InstallDir>/CentraSite/cfg/cast-config.xml.
2. Then run the command
   <InstallDir>/CentraSite/bin/cfg/OverInstallAfterCopy as
   follows:
   OverInstallAfterCopy -ast -fromVersion 9.5.1.0.nnn
    Example:
   OverInstallAfterCopy -ast -fromVersion 9.5.1.0.524

Note that you can determine the correct 9.5.1.0.nnn value by
examining the install log file
<InstallDir>/install/logs/installLog.txt. Search for the
string "newINMJVersion"; this will be a value such as
9.5.1.0.524. Use this value as the -fromVersion parameter.

Note also that the Software AG Runtime has to be stopped
before you run the OverInstallAfterCopy command. The file name
of the OverInstallAfterCopy command ends with ".cmd" or ".sh",
depending on the host operating system.

(INM-15376)

5.2 Moving a CentraSite Database to Another Machine

The product documentation describes how to move a CentraSite
database from one machine to another (see the section
"Maintaining CentraSite's Internal Database" in the document

"Basic Operations"). The description explains how to use of
the command line tool MoveCentraSiteRR in this scenario.

This command line tool can only be used when CentraSite is not
running. Therefore, before you use MoveCentraSiteRR, stop the
CentraSite server. When MoveCentraSiteRR has completed, you
can start the CentraSite server again.

(INM-16708)

5.3 Problems when Starting the Documentation's Java-Based
    Search/Navigation

Should you encounter problems when starting the
documentation's search/navigation applet (security warning)
try changing to a previous version of Java in the Java Runtime
Environment Settings (Control Panel > Java Control Panel >
Java > View).

Note: This workaround only applies to operation of the
documentation's search/navigation applet.

5.4 Viewing Software AG Product Documentation under Windows

Current operating systems of Microsoft Windows incorporate a
range of specific security features that restrict active
content that runs locally on the user's computer.

Active content includes ActiveX controls, Java applets and
JavaScript.

Software AG's documentation web pages contain JavaScript, and
the SEARCH, INDEX and CONTENTS features are implemented as
Java applets. As a result, when viewing documentation web
pages that reside on the user's PC, users of Internet Explorer
and Mozilla Firefox are informed that active content is
blocked.

The user must explicitly and repeatedly allow active content
if he or she wants to make use of the documentation's full
navigation features.

Note that this behavior is only observed when reading web

pages installed locally on the user's PC, i.e. on a local hard
disk or CD-ROM drive.

The active content for which Software AG is responsible, that
is, the JavaScript code in our HTML documentation pages, will
not harm the user's computer. The risk in using the navigation
applets is negligible: Software AG has received no reports
from users concerning any harm caused to a computer by the
applets. We therefore suggest that when reading Software AG
documentation in a local context, the user allow active
content via the Security settings in the browser (with
Internet Explorer, usually found under Tools > Internet
Options > Advanced).

Full details of alternatives can be found on the home page of
the supplier of the navigation applets:
http://www.phdcc.com/xpsp2.htm

6 Legal Notices
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6.1 Source Code of Third Party Software

 Certain third party products require that the source code must
 be made available. In case of any particular request please
 contact your software supplier.

7 Miscellaneous
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7.1 Diagnostic Tools

 For inspecting or testing the underlying structures of the
 internal databases of CentraSite, a set of diagnostic tools
 can be obtained using the webMethods Installer by selecting
 the entry "Tamino XML Server > XTools".

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