Commerce One MarketSite™

XML Portal Connector (XPC)
Version 4.1

Release Notes

COMMERCE ONE.

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XPC 4.1 Release Notes

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Known Installation Issues for NT/Windows 2000

Backup existing XPC Installations and Configuration before installing

Warning! Before installing the XPC 4.1 Patch, you **MUST BACKUP YOUR CURRENT XPC INSTALLATION, ALL PROPERTY FILES AND ALL CONFIGURATIONS. THIS IS VERY IMPORTANT!** Upgrading to XPC 4.1 will overwrite these values, so if you do not backup, you will not be able to revert back to XPC 4.0. After the upgrade, you will have to recustomize your property files.

Security Migration tool scripts

These scripts are used to convert the key store files to 4.1. Before running the script **securitymigratetool32.sh** change the script as follows. On line 9 replace the word Migration with the word Migrate so that the line appears:

```
exec ${XPCROOT}/bin/launch.sh
com.commerceone.ccs.security.admin.SecurityMigra
teTool32 xpc
```

Before running the script **securitymigratetool40.sh** change the script as follows. On line 9 replace the word Migration with the word Migrate so that the line should appear:

```
exec ${XPCROOT}/bin/launch.sh
com.commerceone.ccs.security.admin.SecurityMigrateT
ool40 xpc
```

Install Java Runtime environment 1.3 or higher

Before installing XPC 4.1 Patch, you must first install a Java Runtime environment 1.3 and above

Verify your Java installation

You should also verify that the correct version of Java can be run from the command line. To verify your Java installation:

1. Open a new DOS Command Prompt window

2. Type "java -version" and press Enter; you should see the JRE displaying the proper version.

3. If you do not see the proper version of JVM running on your system, you should add the directory containing the proper **java.exe** to the front of the system environment variable PATH. For example, if your Java 1.3 compatible Java.exe is in "C:\JRE13\bin", add this directory to the beginning of the system environment variable. After modifying the environment variable, you should close the DOS Command Prompt and repeat the verification process.

Note .... The DOS Command Prompt will not retrieve the new environment variable values until you close it and restart a new one.

Uninstalling XPC 4.1 and reverting to a previous version

To Uninstall XPC, complete the following steps:

1. Stop CCSNTService; wait until it stops completely.

2. Stop SonicMQService; wait until it stops completely.

3. Go to **Control Panel | Add/Remove Programs.**

4. Remove "XML Portal Connector 4.1."

5. Use Windows Explorer to remove the XPC install directory completely.

6. Restore your version of XPC from the backup you made before upgrading

to XPC 4.1.

Known Installation Issues for Solaris

Reinstall problem

If you try to reinstall XPC 4.1 over an old installation, **pkgadd** copies the server directory (defaultserver) in <XPCROOT>/runtime/servers into a wrong directory. An example of the incorrect directory structure is shown below:

 <XPCROOT>/runtime/servers/defaultserver/defaultserver

To avoid this problem, please make sure that you install XPC4.1in a newly created directory.

Connecting to Solaris Using XWindows

This section describes the setup required if you want to use XWindows from your PC to connect to Solaris. Some of the tools provided in XPC 4.1 have a Java Gui interface which may not display correctly when using XWindows from your PC. You may get the following error message when using XWindows from your PC:

```
Font specified in font.properties not found
[-urw-itc zapfdingbats-medium-r-normal--*-%d-
*-*-p-*-sun-fontspecific]
```

Caution .... The steps below change your font.properties file. Changing this file will affect all Java Gui applications that are run directly on a Solaris box using this JVM.

Note .... Depending on how your XServer is set up locally on your PC, you may encounter problems when displaying GUI windows.

Follow these steps to change your font.properties file:

1. Go to your JDK or JRE /lib directory

2. Enter the following command to add write permission:
   chmod +w font.properties

3. Enter the following command:

```
vi font.properties
```

4. Comment out ALL the lines containing zapfdingbats and save the changes.

5. Restart your XServer.

Hot keys in setup UI (setup.sh) do not work.

The Hot Keys **Alt-e** and **Alt-a** do not work in the configuration program Setup UI (**setup.sh**)

JRE 1.2.2_05a is required for SonicMQ.

You cannot use another JRE 1.2 or JRE 1.3 instead, you must have JRE 1.2.2_05a installed.

Known Behaviors

This section lists all known behaviors affecting XPC4.1. Behaviors specific to Solaris are noted.

Use JRE 1.3

Be sure that either JRE 1.3.0_02 is on the machine on which you intend to install XPC and that you select that version when you install XPC.

If any other version of JRE is installed, make sure that the 1.3 version is earlier in the PATH environment variable than the other versions. For details about JRE, go to the following URL:

http://java.sun.com/products/JRE/1.3/download-windows.html

Transformation Service Validation

XPC 4.1 transformation service will perform validation before the transformation, unlike XPC 4.0. This means that if the document you created does not conform to the schema, it will be rejected (or thrown exception) before it is transmitted to MarketSite.

Restart Sonic Broker for Node Name Change

When you follow the recommended process of registering with MarketSite Builder before installing XPC, make certain to use the convention for choosing your Sonic node name as documented in the *XPC Installation and Administration Guide* (Chapter 3, Authentication).

You will see your sonic node name when you use Configure XPC. Do not change it during XPC configuration unless you previously registered with MarketSite Builder with a different node name. If you do need to change it, you must perform the following procedure before configuring sonic routing information to communicate with the MarketSite you registered with:

1. Save your sonic node name change by clicking the Save button.

2. Exit Configure XPC by clicking the Exit button.

3. Stop and Restart the Sonic Broker using the steps described in Chapter 5 of the *XPC Installation and Administration Guide*.

4. Restart Configure XPC and proceed with adding your sonic configuration for Marketsite communication.

Failure to follow this procedure will result in the sonic routing information being associated with the original sonic node name, not the name you changed to.

Similar procedures must be followed if you change your sonic node name after configuring sonic for Marketsite communication. Such changes are not recommended.

Do Not Use net Command to Start Server

In Windows NT, **net** is not a standard command for starting a server. By default, the XPC server uses the start command. For the options to use in starting the XPC server, please see the *XPC Installation and Administration Guide*.

Check Log File if Invoker Fails ping

When you execute a ping that fails using the Invoker, it does not display all exceptions. To determine the cause, review the log file:

**INSTALLROOT/runtime/servers/SERVERNAME/logs/
clientdebug-default.**

Change Compile Script that Uses XPCROOT/etc/classpath/default

The file **XPCROOT/etc/classpath/default** includes a manifest jar file
(ccs_all.jar) that refers to all other jar files in the XPCROOT/lib
directory. If your compile script uses this default file to refer to the jar
files in the classpath:

- In the compile script's compiler options/args, set the javac -extdirs
  <dirs> option to match the location where your XPC jar files are
  located.

- Example of how javac compiler usage should look **for NT/Windows
  2000:**

```
D:\JRE.1.2.2\bin\javac.exe –classpath <all lines
in etc/classpath/default> -d <outputdir> -
extdirs
C:\commerceone\xpc\lib <javafile name>
```

- Example of how javac compiler usage should look **for Solaris**:

```
/JRE1.2.2/bin/javac –classpath <all lines in
etc/classpathdefault> -d<outputdir> -extdirs/
commerceone/xpc/lib <javafilename>
```

SecurityMigrateTool (Windows Specific)

To run the **SecurityMigrateTool40.bat** on WindowsNT or
Windows2000, the system requires a UNIX-style command-line
environment such as Cygwin or MKS.

SonicMQ Documentation (Solaris Specific)

There is a **sonicmqDocs.tar** file on the XPC 4.1 CD. If you need the
SonicMQ documentation please copy the file into the following
directory **<XPC root>/SonicMQ/docs** and run the tar command.

```
> cp <XPC4.1 CD>/sonicmqDocs.tar <XPC root>/
```

```
SonicMQ/.
> cd <XPC root>/SonicMQ
> tar -xvf sonicmqDocs.tar
```

Use an HTML browser to access the documentation , located in

<XPC root>/SonicMQ/docs/SonicMQ_Help.htm.

Known Issues

The following table presents the symptoms and suggested resolution of all significant known issues in XPC 4.1.

Symptoms	Resolution	Area Affected	Platform
Extra spaces in property file values can cause server problems.	Do not use leading, trailing or intermediate white spaces in Configure XPC entries.	Configure XPC	NT/ Windows 2000 & Solaris
An error message displays if you click Save to replace an existing configuration with nothing.	Ignore Message.	Configure XPC	NT/ Windows 2000 & Solaris
Clicking "clear" and "reset" will encrypt any null password fields into an 8-character string.	Do not encrypt null strings.	Configure XPC	NT/ Windows 2000 & Solaris
Extra spaces in property file values can cause server problems.	Do not use leading, trailing or intermediate white spaces in XPC Manager entries.	XPC Manager	NT/ Windows 2000 & Solaris
If an xpath contains nodes that require choosing the next node in the xpath, the Xpath Tester displays an error message. For example, the xpath will not work for a choice between QuantityRange and QuantityValue.	This is a limitation of the helper class XPCDocHandle, which can be addressed programmatically. For more information, see the section on XPCDocHandle in Chapter 3 of the XPC 4.0 Developer Guide.	XPC Manager	NT/ Windows 2000 & Solaris

Symptoms	Resolution	Area Affected	Platform
Sonic Broker cannot connect to the server because the certificate has been rejected.	Check that the system clock is set to the current time.	XPC Manager	NT/ Windows 2000 & Solaris
A new Timed Service Action List must contain data.	Do not attempt to save an empty action list.	XPC Manager	NT/ Windows 2000 & Solaris
From a DOS prompt, if you use the command, **net stop SonicMQService**, an error message displays. This message may even display if the stop was successful.	Check in the control panel to see if SonicMQService still says "Started".	XPC Manager	NT/ Windows 2000
From a DOS prompt or the Service control panel, if you use the command, **net stop CCSNTService**, a fatal error message may be logged in the default-debug log file.	Check the default-debug log file.	XPC Manager	NT/ Windows 2000
docSender -numPOLineItems option does not work due to a xpc 4.1 change in the version gateway transformation module. It will throw an exception when transformation service tries to validate the 2.0 PO document generated by docSender.	Go to **<XPC_install_root>/ sample/com/commerceone/ sample/xpc/docSender/ SamplePOGenerator.java** and comment out the line inside routine getCompleteOrderDetail() where it calls setSubLineItem(). There is only one occurrence in the code (line 553). After that, recompile the code.	docSender sample code	NT/ Windows 2000 & Solaris

Resolved Issues

The following table presents the resolved issues in XPC 4.1.

Issues	Platform
Migration from 3.2 to 4.x is supported.	NT /Windows 2000
A configuration with XPC in an intranet and Sonic Broker in the DMZ is supported.	NT/ Windows 2000
OK Button in Warning Messages fixed	NT/ Windows 2000
ActionList Config Screen Insert Buttons	NT/ Windows 2000
Change docsender Sample fixed	NT/ Windows 2000
Thread counts and some Sonic parameters in service-start.prop and server-start.prop have been tuned up to enhance performance.	NT/ Windows 2000