

Install XPRODUCTX on a New Server

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Requirements

- Ports 8000, 8006, 9797 open
- Contact Support to obtain a serial number from Source.

STEP 1: Create a Working Directory

On the site machine, create a working directory:

```
mkdir /work/[Your work directory]
```

STEP 2: Edit xfile

On the site machine, edit the /etc/xfile.[rls] file to include needed settings for Source.

```
vi /etc/xfile.[rls]
```

Add the following:

```
setenv SOURCE_HOME /software/product/source
setenv WEB_HOME /software/product/source/web
setenv USE_HOME /software/product/source/use
setenv [ACCOUNT] /software/source/home/[account]
```

STEP 3: Edit the Software Firewall

1. As superuser on the site machine:

```
vi /etc/sysconfig/firetable
```

2. Add the ports and save your changes.

3. Restart the software firewall to read the changes:

```
/sbin/service firetable restart
```

STEP 4: Create the Source directories

As superuser on the site machine:

```
mkdir $PROD/source
```

```
mkdir $PROD/source_install
```

Exit superuser mode.

STEP 5: Upload files from Delivery Server

On the Delivery Server:

```
cd /dir/installs/source/
```

```
uploader_script [sitecode] /software/product/source_install source-server
```

On server where Source is being installed:

```
cd $PROD/source_install/source_software
```

STEP 6: Install Patches

Install patches for the XX versions of scripts sourceconfig and runsource. On Delivery Server:

```
cd /dsd/installs/source26
```

```
ll sourceconfig
```

Results should resemble:

```
-r--r----- 1 bob   iii    33556 Jul 18 11:20 sourceconfig
```

```
ll runsource
```

```
-r--r----- 1 bob   iii    16770 Aug  8 11:54 runsource
```

Transfer these scripts to the server running Source:

```
uploader_script [sitecode] /work/[your work directory] sourceconfig
```

```
uploader_script [sitecode] /work/[your work directory] runsource
```

At the site, make the scripts executable and move them to \$HM7:

```
chmod +x sourceconfig
```

```
chmod +x runsource
```

```
mv sourceconfig $HM7
```

```
mv runsource $HM7
```

STEP 7: Upload the appropriate Source bin Files

On Delivery Server:

```
cd /dsd/installs/source26
```

```
ll source*
```

```
-rwxrwx--- 1 bob   iii    257046528 Jul 17 15:31 source-linux-x86.bin
```

```
-rwxrwx--- 1 bob   iii    35686400 Jul 17 15:29 source-proxy-linux-x86.bin
```

```
uploader_script [sitecode] /software/product/source_install *
```

On the site machine:

Make the scripts executable.

```
chmod +x source-*
```

STEP 8: Run the XPRODUCTX.0.0 Installation Script

As superuser on the site machine:

```
./source-linux-x86.bin -console
```

Answer prompts as follows:

<u>Prompt</u>	<u>Value</u>
First Name:	Name1
Last Name:	Name2
Company Name:	X Company Name
Address:	123 A Street
Phone:	555-555-5555
Email:	email@addr.com
Receive Information:	true
Send the Email for registration:	true

Please choose from the following options:

[X] 1 - I accept the terms of the license agreement.

[] 2 - I do not accept the terms of the license agreement.

Choose the installation type that best suits your needs.

[X] 1 - Typical

The program will be installed with the suggested configuration.

Recommended for most users.

Please specify a directory or press Enter to accept the default directory.

<u>Prompt</u>	<u>Value</u>
Directory Name:	<code>[/opt/source] /software/product/source</code>

Select the products that you wish to have installed as Source services. They will be marked to start automatically and will be started when the machine starts.

[X] 1 - MAIN Server

[X] 2 - Embedded Apache Tomcat

[] 3 - HTTP Server

Please specify a password for this account (Admin user name is standard).

<u>Prompt</u>	<u>Value</u>
Source administrator password:	rprosource

Allowed IP list for Source Administration:

*Add IP address for Source Server

10.1.*

10.3.*

205.227.90.*

205.227.88.253

Product Registration Form:

First Name:

Name1

Last Name:

Name2

Company Name:

X Company Name

Address:

123 A Street

Phone:

555-555-5555

E-mail:

email@addr.com

<u>Prompt</u>	<u>Value</u>
Serial Number:	[unique serial number for site]

STEP 9: Run the Source Proxy 2.6.1.0 Script

As superuser on the site machine:

```
./source-proxy-linux-x86.bin -console
```

Follow the installer prompts to install the Source Proxy Process. Define IP addresses when prompted for the following:

- Allow IP List (Default)
- Allow IP List (Administration)
- Allow IP List (Services)

Add the site IP addresses and the following Innovative IP ranges in each section:

[IP addresses]

STEP 10: Confirm the Serial Number

After the upgrade, a message appears that source files are in /root. Confirm and verify serial number:

```
ll /root/source*
-rw-rw-r-- 1 root sys 7752 Apr 23 14:43 /root/source-options.txt
-rw-rw-r-- 1 root sys 3177 Apr 23 14:46 /root/source-proxy-options.txt

grep -i serial /root/source-options.txt
# Serial Number
# The Serial Number of the product.
-W serialNumberPanel.serialNumber="[unique serial number for site]"
```

STEP 11: Edit the server.xml File

```
vi $SOURCE_HOME/tomcat/conf/server.xml
```

Comment out the following sections:

```
<!--
  <Context crossContext="true" docBase="${SOURCE_HOME}/monitor
/jmx/hosts/default" path="/jmx" reloadable="true">
  </Context>
-->
```

Add an **Updated** line that features the following parameters:

- processingType="parallel"
- threadPoolCoreSize="1024"
- threadPoolMaximumSize="2048"
- threadPoolKeepAliveTime="120000"
- requestsQueueSize="32"

This line should be a single line with no line breaks, as follows:

```
<!-- SourceUser -->
<Connector connectionTimeout="600000"
errorTemplate="${SOURCE_HOME}/stylesheets/errorTemplate.xml"
keepAliveTimeout="600000" path="/servlet/SourceUser" port="8006"
processingType="parallel" socketBuffer="9000" tcpNoDelay="false"
threadPoolCoreSize="1024" threadPoolMaximumSize="2048"
threadPoolKeepAliveTime="120000" requestsQueueSize="32"/>
```

STEP 12: Run the sourceconfig Scripts

As superuser on the site machine:

```
cp -Rp sourceconfig $LAIR
```

```
build sourceconfig
```

Create default settings:

```
sourceconfig -d
```

Example of a result message:

SUCCESS: Current settings have been saved as default.

Run the initial configuration:

```
sourceconfig -m
```

Add user accounts:

```
sourceconfig -a [account1] [account2]
```

STEP 13: Change File Ownership to X Company

Still in superuser mode:

```
pwd
```

```
/software/product/source
```

```
chown -R xcompany:xcompany *
```

STEP 14: Make Configure Files Executable

1) Confirm the configure files are executable

```
chmod +x configure
```

2) As as superuser:

```
cd $SOURCE_HOME/proxy/
```

```
ll configure
```

```
chmod +x configure
```

```
cd $SOURCE_HOME/use/it
```

```
ll configure
```

```
chmod +x configure
```

```
cd $SOURCE_HOME/tomcat/bin
```

```
ll configure
```

```
chmod +x configure
```

3) Exit superuser mode.

STEP 15: Copy Default Account and Statistics Directory

On the site machine:

```
cd $PRODUCT/source_install/xserver  
  
cp -Rp stats $SOURCE_HOME/home/  
  
cp -Rp new $SOURCE_HOME/home/
```

As superuser:

```
cp -Rp clearlog /usr/local/sbin  
  
cp -Rp script.pl /usr/local/sbin  
  
vi /usr/local/sbin/script.pl
```

Grep for "SITECODE"

```
my $subject = "SITECODE Source daily stats";  
system ("echo \"$message\" | mail -s\"SITECODE Source stats report for $yest\""
```

Change "SITECODE" to the site's code. For example on the site `pasfm`:

```
my $subject = "pasfm Source daily stats";  
system ("echo \"$message\" | mail -s\"pasfm Source stats report for $yest\""
```

Save and quit.

STEP 19: Create the New Source Accounts

On the site machine:

```
cd $SOURCE_HOME/home/  
  
cp -Rp source-new [account]
```

Where `[account]` is the account code. Repeat for each additional account.

STEP 21: Edit the profile.xml File

On the site machine:

```
cd /software/product/source/home/[account]
```

Where `[account]` is the account code.

```
vi profile.xml
```

Edit the following elements in the section. Note that every line ends with a semi-colon.

Element	Value
APPLICATION=	\${SOURCE_HOME}/home/[account];
NAVIGATION_MANAGER_HOST=	The site's fully-qualified domain name
USE_PROXY=	Set to no
PROXY_HOST=	leave blank
PROXY_PORT=	leave blank

For example:

```
<PROPERTIES>
  APPLICATION=${SOURCE_HOME}/home/blah;
  USE_NAVIGATION_MANAGER=yes;
  NAVIGATION_MANAGER_HOST=blah.site.com;
  NAVIGATION_MANAGER_PORT=9999;
  NAVIGATION_MANAGER_MODE=;
  USE_PROXY=no;
  PROXY_HOST=;
  PROXY_PORT=;
  PROXY_PAC=;
  PROXY_AUTHORIZATION_USER_NAME=;
  PROXY_AUTHORIZATION_USER_PASSWORD=;
</PROPERTIES>
```

Repeat this for each account.

STEP 20: Download Latest Source Packages from the Factory

The latest source packages are found at <http://company.factory.com/>