z/TPF Enterprise Edition 1.1 Software Profiler

Note: Before using this information and the product it supports,
read the general information under "NOTICES" in this document.

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* 1.0 DESCRIPTION *
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The z/TPF Software Profiler is a performance measurement tool that
collects and analyzes data to help you understand the performance
characteristics of your z/TPF application and system software.

This package contains source files for the z/TPF Enterprise
Edition 1.1 Software Profiler.

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* 2.0 Unpacking Instructions *
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```

Before you begin to unpack and install z/TPF Software Profiler, ensure that
you have met the following prerequisite:

    Obtain and unpack z/TPF Enterprise Edition V1.1 base (PUT00) version.
    You may also obtain and unpack any PUT level packages that are available
    for z/TPF.   Keep in mind that PUTs must be applied in order.

2.1 New z/TPF Installation

If this is your initial installation of z/TPF with Software Profiler,
you must download the GA/PUT00 Software Profiler package.

Installation instructions for z/TPF product recommend that you create
a holding directory for the tar file on your Linux for zSeries® file
system, such as /tmp/ztpfpkg.   The installation instructions for z/TPF
product also recommend that you create a root directory on your Linux
system to unpack the source tar files.   This directory name can
be /ztpfPUTnn, where "nn" is the PUT number you are installing.   For example,

use nn=00 if you are installing the base release of z/TPF.   Use nn=01
for PUT01, and so on.

Once the required directories on Linux are established, use File
Transfer Protocol (ftp) in binary mode to copy the
zTPF.SoftwareProfiler.PUT00.source.tar.gz file to the /tmp/ztpfpkg
directory on Linux.

Extract the contents of zTPF.SoftwareProfiler.PUT00.source.tar.gz by
using the folowing commands on Linux:

```
    cd /ztpfPUTnn
    tar -xzf /tmp/ztpfpkg/zTPF.SoftwareProfiler.PUT00.source.tar.gz
```

You can take two different approaches to apply PUT updates concurrently
with this new z/TPF installation.

The first approach is to apply all PUTs up to the most recent in one
step.   To do this, download the tar file associated with the "Software
Profiler Cumulative Updates" link.   The tar file is named
zTPF.SoftwareProfiler.PUTall.source.tar.gz.   It contains all changes to
Software Profiler code from PUT 1 to the most recently released PUT.
Use File Transfer Protocol (ftp) in binary mode to copy the
zTPF.SoftwareProfiler.PUTall.source.tar.gz file to the /tmp/ztpfpkg
directory on Linux.

Unpack zTPF.SoftwareProfiler.PUTall.source.tar.gz to the same Linux
file system as the PUT 00 code. This will overlay the PUT 00 version
of each file with the most current version.   Use the folowing commands
on Linux:

```
    cd /ztpfPUTnn
    tar -xzf /tmp/ztpfpkg/zTPF.SoftwareProfiler.PUTall.source.tar.gz
```

The second approach to apply PUT updates to this new z/TPF installation
is to unpack one PUT tar file at a time.   For example, if z/TPF has
released 4 PUTs, but you want to install only PUT 1 and PUT 2,
you must download the separate tar file for each PUT, store these tar files
on your Linux file system in /tmp/ztpfpkg, and then unpack each tar file
in PUT order to obtain the Software Profiler source code up to PUT 2.
Unpacking non-sequential combinations of PUT tar files is not supported.

2.2 Update Existing z/TPF Installation

Prior to installing Software Profiler updates to your system, you
will have obtained and unpacked the specific z/TPF product PUT
level package(s) that you want to install.

Installation instructions for z/TPF product updates recommend that
you create a holding directory for the PUT tar files on your
Linux for zSeries® file system, such as /tmp/ztpfpkg.   The installation
instructions for z/TPF product updates also recommend that you create
a root directory on your Linux system to unpack the source tar files.
This directory name can be /ztpfPUTnn, where "nn" is the PUT number
you are installing.   For example, use nn=01 if you are installing
PUT01, nn=02 for PUT02, and so on.

Given the existence of the Linux directories just described,
you can take two different approaches to apply Software Profiler
updates.   The choice you make depends on what PUT level your current
system is at, and what PUT level you wish to install.

The first approach is to apply all updates up to the most recent PUT,
regardless of the PUT level your system is at currently. To do this,
download the tar file associated with the "Software Profiler Cumulative
Updates" link. The tar file is named
zTPF.SoftwareProfiler.PUTall.source.tar.gz. It contains all changes to
Software Profiler code from PUT 1 to the most recently released PUT.
Use File Transfer Protocol (ftp) in binary mode to copy the
zTPF.SoftwareProfiler.PUTall.source.tar.gz file to the /tmp/ztpfpkg
directory on Linux.

Unpack zTPF.SoftwareProfiler.PUTall.source.tar.gz to the same Linux
file system (/ztpfPUTnn) where z/TPF product updates were unpacked.
Use the folowing commands on Linux:

```
cd /ztpfPUTnn
tar -xzf /tmp/ztpfpkg/zTPF.SoftwareProfiler.PUTall.source.tar.gz
```

The second approach is to apply PUT updates up to a particular PUT level
that is not the latest PUT level. To do this, you must unpack one PUT
tar file at a time. For example, if z/TPF has released 4 PUTs, and your
system is at PUT 1, and you only want to install PUT 2 and PUT 3,
you must download the separate tar file for each PUT, store these tar files
on your Linux file system in /tmp/ztpfpkg, and then unpack each tar file
in PUT order to obtain the Software Profiler source code up to PUT 3.
Unpacking non-sequential combinations of PUT tar files is not supported.


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* 3.0 Installation *
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For detailed installation instructions, see z/TPF System Generation.


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* 4.0 NOTICES *
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