

zPDT New Release Information

README file for the zPDT distribution CD/zip from ITC.

This CD (.iso) or zip file contains the files provided by IBM to allow the installation and use of the z1090 / zPDT system on your Linux based system. ITC has included some additional IBM and ITC documentation for your convenience. This distribution package has been updated to include updated authentication procedures. This package is for zPDT release 1.10, driver 55.13.

The CD (.ISO) and zip file are organized into the following sections or directories:

1. Important information for all systems
2. Installable Linux code
3. Documentation / publications

For a complete tree view of the directories and their contents, see the next page.

There are important documents/notices in the root directory with this README file. You should also review the External Release Letter carefully. It contains information about the installation and use of zPDT in general and this release specifically. The license agreement for the zPDT software is included in the "International License Agreement for Non-Warranted Programs" and you should review this prior to installing the zPDT code. You will be required to accept the license agreement when you install the code.

As with the all recent zPDT releases, this the zPDT 1.10 55.13 driver has only a single installable file and it is named z1090-1-10.55.13.x86_64. The install file will determine whether the target system is Red Hat Enterprise Linux, SUSE or Ubuntu (openSUSE or SLES) and then install the appropriate version of the code and libraries.

The supported levels of Linux must be at least the 64-bit version of Red Hat Enterprise Linux (RHEL) 7.0 or greater, the 64-bit version of openSUSE Leap 42.3 or greater, the 64-bit version of SLES 12 SP3 or greater, and Ubuntu 16.04 or greater. **Earlier versions are not supported.**

NOTE: All users who plan to install the z/OS 2.2 (2017 May Edition) or later ADCD must update their z1090 token with a new license feature initially available with driver 47.xx. Adding this new feature will not affect the expiration date of the token.

This release (1.10) continues the use of the Z1090_token_update program which replaces the SecureUpdateUtility along with a new update process. You should review the new process in the new Redbook volume or refer to the "ITC 1090 GA10_Authentication_Procedure NEW - GA10 Only as of 2021 AUG" document. Both documents are in the "Pubs" directory.

If you are installing the 1090 application for the first time, refer to the Redbook titled zPDT Guide and Reference, SG24-8205-05, chapter five, zPDT Installation. Please be sure that you have installed the appropriate version of Linux and the prerequisites before proceeding to install the 1090 code. If you have already installed the appropriate version of Linux and the required prerequisites, and you are upgrading from a previous zPDT level, please proceed to the next step.

ITC uPDT customers with a current support agreement can request specific installation instructions and assistance from ITC.

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You are urged to review the included External Release Letter carefully for updated and changed features of zPDT.

Directory layout and contents

- / (root directory)
 - o README_55.13.html (this file)
 - o README_55.13.pdf (this file)
 - o IBM_International_License_Agreement_for_Non-Warranted_Program.pdf
 - o 55.13 GA10 release letter.pdf (Official IBM notice)
 - o 55.13 GA10 release letter.html
 - o 55.13 GA10 release letter.txt
 - o enhancements_55.13pdf (Cumulative enhancements in GA10)
 - o FTP_performance.pdf (information regarding FTP on zPDT)
 - o Install_Info_55.13.pdf (How-To Install information)
 - o Install_Info_55.13.html
 - o ITC 1090 GA10_Authentication_Procedure NEW - GA10 Only as of 2021 AUG.pdf
Updated: please review and use.
- /linux (Installable Files for use on OpenSUSE and RHEL systems)
 - o z1090-1-10.55.13.x86_64 Base install file
- /pubs (Publications of use related to zPDT)
 - o SG24820505.pdf *zPDT Guide and Reference*
 - o ITC 1090 GA10_Authentication_Procedure NEW - GA10 Only as of 2021 AUG.pdf
Detailed new token authentication procedure

See Additional Important notes on the next page.

Additional important notes

- With zArchitecture level on by default, if you IPL an older ADCD, you may get a Disable Wait 0019. You will have to update your ADCD image. Using the latest ADCD (zOS 2.2) from May 2017, it did IPL fine. With ZARCH_ONLY turned OFF explicitly via devmap using cpuopt parameter you can IPL in ESA/390 mode in devmap.txt like this:

```
cpuopt ZARCH_ONLY ON  
or  
cpuopt ZARCH_ONLY OFF    (non-standard option)
```

- zOS 2.3 hits SLIP TRAP right in setup right after IPL. This is a zOS problem and will be handled via zOS APAR OA54373.

- Linux on Z under VM may rarely experience a loss of connectivity when using an OSA dedicated configuration. Development is investigating.

- zVM PRG005 abend sometimes observed when running zOS under zVM 7.1 GA 1801 RSU 1902. Development is investigating.

- awsrdr device statement without a full path specified will cause a core dump. Work around is to explicitly provide the full path statement. This is expected to allow the default to work in a future fixpack release.