

CLEO CLEOEXT6(Domestic Distribution) V4.6 for
AVAYA IR R4.0/R3.0/R2.0/R1.X RELEASE NOTES
Cleo Avaya Host DIP Extensions Software

NOTE:

Please see Previous Release Notes(eg. V4.3, V4.2, V4.1, V4.0, and V2.5) for previous enhancements/fixes to the Cleo Avaya Host DIP Extensions Software.

Please see the Cleo Document "Cleo Encrypted Password_user_guide" for a complete description of the Encrypted Password commands, usage, and trouble shooting tips.

Please see the Cleo Document "defscrug" for a complete description of the MOD2-5 commands *hmodconf* and *define_scr*

FEATURES ADDED

1. CLEOEXT6 is the new name of the Cleo Domestic Host DIP Extensions Software for Avaya IR R4.0/R3.0/R2.0/R1.X.

The name was changed to allow the new 4.6 Release, **CLEOEXT6**, to be installed on top of an existing 4.3 Release, or older release, and preserve the existing configuration information. And if necessary remove the **CLEOEXT6** 4.6 Release package and be restored to the **CLEOEXT3** 4.3 Release Package. Also, any older existing TN3270 or SNA Host Interface Extensions software can have the Release 4.6, **CLEOEXT6**, software package installed on top of it and preserve its current TN3270 or SNA configuration.

2. CLEOEXT6 will install on an Avaya IR4.0 system, as well as an Avaya IR 3.0, IR 2.0 or Avaya 1.X system.

The previous Cleo Host Interface Extensions Software for TN3270/TN5250 and SNA would fail to install on an Avaya IR 4.0 system. The installation process was changed in Version 4.6 of CLEOEXT6 to now allow the Cleo Host Interface Extensions Software to be installed on an Avaya IR 4.0 system.

CLEO CLEOEXT3(Domestic Distribution) V4.3 for
AVAYA IR R3.0/R2.0/R1.X RELEASE NOTES
Cleo Avaya Host DIP Extensions Software

NOTE:

Please see Previous Release Notes(eg. V4.2, V4.1, V4.0, and V2.5) for previous enhancements/fixes to the Cleo Avaya Host DIP Extensions Software.

Please see the Cleo Document "Cleo Encrypted Password_user_guide" for a complete description of the Encrypted Password commands, usage, and trouble shooting tips.

Please see the Cleo Document "defscrug" for a complete description of the MOD2-5 commands *hmodconf* and *define_scr*

FEATURES ADDED

1. CLEOEXT3 is the new name of the Cleo Domestic Host DIP Extensions Software for Avaya IR R3.0/R2.0/R1.X.

The name was changed to allow the new 4.3 Release, **CLEOEXT3**, to be installed on top of an existing 4.2 Release, **CLEOEDIP**, and preserve the existing configuration information. And if necessary remove the **CLEOEXT3** 4.3 Release package and be restored to the **CLEOEDIP** 4.2 Release Package. Also, any older existing TN3270 or SNA Host Interface Extensions software can have the Release 4.3, **CLEOEXT3**, software package installed on top of it and preserve its current TN3270 or SNA configuration.

2. CLEOEXT3 will install on an Avaya IR3.0 system, as well as an Avaya IR 2.0 or Avaya 1.X system.

The previous Cleo Host Interface Extensions Software for TN3270/TN5250 and SNA would fail to install on an Avaya IR 3.0 system. The installation process was changed in Version 4.3 of CLEOEXT3 to now allow the Cleo Host Interface Extensions Software to be installed on an Avaya IR 3.0 system.

3. NEW HOST("H") COMMAND, "hrfree", TO ONLY FREE AN ASSIGNED HOST SESSION, IF THE HOST SESSION IS IN, and STILL IN, a "logged in" STATE.

The standard "hrfree" command would free Host Session no matter what "state" the Host Session was in. This could cause a problem if a script would look for the state of a Host Session to be "logged in". And then the script would do an "hrfree" command.

The problem with this process is that there is a time window when the Host Session that was in a "logged in" state could be changed to a "transaction"

state, between the time of using hstatus to find the state and hfree to free the Host Session.

With the new "hrfree" host command, the Host Session is only "freed" if it is STILL IN A "logged in" state.

The new "hrfree" command was added, because scripts are often used to try to handle Mainframe IDLE TIMEOUTS by moving screens on a "logged in" Host Session to avoid having the Host Session be timed out by the Mainframe. The scripts that try to handle IDLE TIMEOUTS typically looked for "logged in" sessions, and then "hfree" the session to move screens. The problem with a Host Session intermittently moving out of "logged in" state, due to use by a caller, was occurring for these scripts. The new "hrfree" command avoids "freeing" a Host Session that may have just started processing a caller's request.

**CLEO CLEOEDIP(Domestic Distribution) V4.2 for AVAYA IR IR
R2.0/R1.X RELEASE NOTES**

Cleo Avaya Host DIP Extensions Software

NOTE:

Please see Previous Release Notes (eg. V4.1, V4.0, and V2.5) for previous enhancements/fixes to the Cleo Avaya Host DIP Extensions Software.

Please see the Cleo Document "Cleo Encrypted Password_user_guide" for a complete description of the Encrypted Password commands, usage, and trouble shooting tips.

Please see the Cleo Document "defscrug" for a complete description of the MOD2-5 commands *hmodconf* and *define_scr*

FEATURES ADDED

1. CLEOEDIP is the new name of the Cleo Domestic Host DIP Extensions Software for Avaya IR R2.0/R1.X.

2. NEW AGDIP3270 PARAMETER TO ALLOW POSITIONING OF CURSOR TO START OF A FIELD EVEN THOUGH NO DATA IS TO BE PLACED IN THE FIELD.

When the following parameter is set in the file /vs/etc/default/agdip3270
DO_MOVE_CURSOR=1

And an IVR Designer, Script Builder, or Voice@Work application sends a screen with a field that has "MOVECURSOR" anywhere in the field name, the cursor is positioned to the start of that Field. No data is placed in the screen buffer.

The reason for this feature has to do with the way some newer Mainframe applications work. If a PF key(eg. PF1) is used, a POP UP screen will be presented by the Mainframe. The exact POP UP screen depends on where the cursor is currently positioned.

There was no way to allow an application to position the cursor before sending an AID key until this feature was added.

3. NEW AGDIP3270 PARAMETER TO ADD STAGGER TIME BETWEEN SESSIONS WHEN DOING HASSIGN, HLOGINF, HLOGOUTF, and WHEN RESTARTING VOICE SYSTEM.

When the following parameter is set in the file /vs/etc/default/agdip3270
STAGGER_TIME=1

the Cleo Host DIP will delay the number of seconds(t) specified by the parameter in the file /vs/etc/default/agdip3270

STAGGER_BETWEEN_RETRIES=t

3. ADDED "H" COMMANDS, HASSIGNF and HLOGOUTF, TO NOT STAGGER BETWEEN SESSIONS.

These new commands ignore the "STAGGER_TIME" and "STAGGER_BETWEEN_RETRIES" parameters in the file /vs/etc/default/agdip3270 so that they can be used when no STAGGER is desired.

**CLEO CleoEDIP(Domestic Distribution) V4.1 for AVAYA IR IR
R2.0/R1.X RELEASE NOTES**

Cleo Avaya Host DIP Extensions Software

NOTE:

Please see Previous Release Notes(eg. V4.0 and V2.5) for previous enhancements/fixes to the Cleo Avaya Host DIP Extensions Software.

Please see the Cleo Document "Cleo Encrypted Password_user_guide" for a complete description of the Encrypted Password commands, usage, and trouble shooting tips.

Please see the Cleo Document "defscrug" for a complete description of the MOD2-5 commands *hmodconf* and *define_scr*

FEATURES ADDED

1. Three new Translation Tables have been added for the NLS(Natural Language Support) Extensions Package.
 - * TT838_620 - Thai Character Translation
Using IBM 838 EBCDIC and TIS 620 ASCII
 - * TT889_620 - Thai Character Translation
Using IBM 889 EBCDIC and TIS 620 ASCII
 - * TT938_885911 - Thai Character Translation
Using IBM 938 EBCDIC and ISO 8859_11 ASCII

BUG FIXES

1. 53371 - The existing TN3270 and SNA keyboard mapping files were not being saved for the existing TN3270 or SNA package, so that if the Extensions package was removed, the TN3270 and SNA keyboard mapping files were corrupted.
2. 53371 - A bug that would not position the cursor beyond the last position of a MOD 2 screen(1920), even if MOD 3-5 was in use was fixed for the Mod Extensions Cleo Host Interface Extension.

**CLEO CleoEDIP(Domestic Distribution) V4.0 for AVAYA IR IR
R2.0/R1.X RELEASE NOTES**

Cleo Avaya Host DIP Extensions Software

NOTE:

**Please see Previous Release Notes(eg. V2.5)
for previous enhancements/fixes to the Cleo
Avaya Host DIP Extensions Software.**

**Please see the Cleo Document
"Cleo Encrypted Password_user_guide"
for a complete description of the Encrypted
Password commands, usage, and trouble
shooting tips.**

**Please see the Cleo Document
"defscrug"
for a complete description of the MOD2-5
commands *hmodconf* and *define_scr***

FEATURES ADDED

The pkgadd for Cleo Version V4.0 CleoEDIP and CleoEIDIP, will automatically install the correct Version of the Host DIP, based on what version of Avaya IR is running on the system.

Systems can be running Avaya IR R2.0 on Solaris 8 or Solaris 10.
Systems can be running Avaya IR R1.1, R1.2 or Avaya IR 1.3 on Solaris 8.
The Avaya libraries that the Cleo Host DIP uses are different for R2.0 Solaris 8, R2.0 Solaris 10, R 1.1/R1.2/1.3 Solaris 8.
The pkgadd installation scripts for CleoEDIP and CleoEIDIP determine what version of the Host DIP to load on the Avaya System.

BUG FIXES

Cleo #52724

Fixed problems with MOD 3-5 where a screen limited to 1920 was used mistakenly, if MOD 3, 4, or 5 was being used.

CLEO VSDIPEI(International Distribution) V2.5 for AVAYA IR R1.1/R1.2 RELEASE NOTES

NOTE:

Please see the Cleo Document
"Cleo Encrypted Password_user_guide"
for a complete description of the Encrypted
Password commands, usage, and trouble
shooting tips.

Please see the Cleo Document
"defscrug"
for a complete description of the MOD2-5
commands *hmodconf* and *define_scr*

FEATURES ADDED

1. The pkgadd for Cleo Version V2.5 vsdipE and vsdipEI, will automatically install the correct Version of the Host DIP, based on what version of Avaya IR is running on the system.
Systems can either be running Avaya IR R1.1 or Avaya IR 1.2. The Avaya libraries that the Cleo Host DIP uses are different for R 1.1 and R 1.2. The pkgadd installation scripts for vsdipE and vsdipEI determine what version of the Host DIP to load on the Avaya System.
2. The vsdipE and vsdipEI packages support the optional features of MOD2-5, NLS(National Language Support), and Password encryption. All 3 features require a license to use. If any of the 3 options are selected, and a license does not exist for that option, then the Host DIP automatically turns the option OFF.
Three new HOST MESSAGES will appear in the "disp message" log if licensing errors occur.
HOST019 - Password Encryption Licensing error
HOST020 - NLS Licensing error
HOST022 - MOD2-5 Licensing error
3. A new program "cleoserial" has been released. It can be used to display the Cleo Serial Number of the system, or to enter the Cleo Serial Number.
The program options are:
cleoserial -r Display the current Cleo Serial Number.
cleoserial -w sernum Enter the Cleo Serial Number **sernum** on this System.
4. A new option was added to the "cleomodlic", "cleonlslic", and "cleohpwlic" programs to allow the License Key to be entered from a file taken from the output of the licgen program along with the Serial number file, instead of manually entering the Serial Number and License Key file.

The new program option is as follows:

Cleomodlic/cleonlslic/cleohpwlic -f FILE

Where FILE is the full path to a file containing the output of the "licgen" program.

5. NEW "hdipconfig" command to turn on/off MOD2-5, Password Encryption, and NLS options.

The **hdipconfig** program is used to set/unset Host DIP configuration parameters for the MOD2-5, Encrypted Password, and NLS(National Language Support) Features. The syntax of the command is as follows:

```
# hdipconfig [-M ON|OFF] [-E ON|OFF] [-T ON|OFF] [TRANSTABLE]
```

-M - MOD2-5 Feature

ON - Enable MOD2-5 Feature

OFF - Disable MOD2-5 Feature

-E - Encrypted Password Feature

ON - Enable Encrypted Password Feature

OFF - Disable Encrypted Password Feature

-T - NLS Feature

ON - Enable NLS Feature

OFF - Disable NLS Feature

TRANSTABLE

An Optional EBCDIC/ASCII translation table.

TTDEFAULT - Default Translation Table US English.

TTBLANKS - Convert non US English characters to Blanks

TTHYPHENS - Convert non US English characters to Hyphens

TT1025_88595 - Cryllic Russian Character Translation

Using IBM 1025 EBCDIC and ISO 8859_5 ASCII

TT875_88597 - Greek Character Translation

Using IBM 875 EBCDIC and ISO 8859_7 ASCII