

INSTALL_GUIDE.txt

Correlog Mainframe Agent Installation Guide

Please contact a Correlog representative for instructions on how to acquire the CorreLog Mainframe Agent.

The steps required to install the Correlog Agent product are listed below. It is recommended that you print this guide off so that you can check off the steps as you complete them. Additionally, it is recommended that this installation be performed by a systems programmer, or other person who is authorized at your installation to install system software. You will need certain system permissions like update authority to system libraries and the Master Catalog, as well as authority to enter z/OS commands, to successfully complete this installation. Also, this guide uses the term FTP in a generic fashion. You can use any FTP means (such as 3270 file transfer program using IND\$FILE, or FTP client) available at your site to upload the product. Be sure to pay attention to the instructions below as to whether files are ASCII or BINARY when you transfer them.

Perform the following steps to install the product.

- Step 1 - Decide on a high-level dataset name qualifier for the Correlog Agent product libraries. The default name used is CORRELOG. Using either this name, or another name of your choosing, define an ALIAS in the Master System Catalog. It is recommended that you use the default name of CORRELOG as it will minimize the changes to installation jobstreams.
- Step 2 - FTP the INSTALL.JCL and the INSTALL.XMIT files from the CORRELOG folder on the installation CD up to the mainframe. Transfer the INSTALL.JCL file as an ASCII (text) file, and the INSTALL.XMIT file as a binary (no CR/LF) file. You can use your TSO userid as a high level DSName qualifier on the mainframe files, as these files are only temporary and can be deleted after the install.
- Step 3 - Edit the INSTALL.JCL file you just uploaded. Tailor the job card as needed and submit the job. It will allocate the re-

INSTALL_GUIDE.txt

maintaining libraries needed to install and use the product.

- Step 4 - Go to TSO option 6 (Command Shell panel) and enter the following command:

```
RECEIVE INDATASET('userid.INSTALL.XMIT')
```

Be sure to enclose the dataset name in single quotes, and substitute your userid for the high level DSN qualifier. You'll then be prompted to ENTER RESTORE PARAMETERS, to which you should respond as follows:

```
DATASET('CORRELOG.AGENT.INSTLIB')
```

You should then see IEBCOPY messages displayed for each INSTLIB member that is being restored. When you are done, your CORRELOG.AGENT.INSTLIB library should be populated with 12 members.

- Step 5 - Edit the LKED member in the CORRELOG.AGENT.INSTLIB library.

Tailor the job card as needed and submit the job. This will link edit the product object modules into load modules.

- Step 6 - Copy the CMAGENT member in the CORRELOG.AGENT.INSTLIB library to a system PROCLIB. The PROCLIB must be available to started tasks that are initiated via the z/OS START command.

- Step 7 - Edit the CAPARMS member in the CORRELOG.AGENT.INSTLIB library to specify the Product Key, the IP address and port number for the Correlog Server on windows, and the subsystem ID for the agent. The Product Key is provided to you in the Product Cover Letter. The default subsystem ID of CLA1 should be acceptable unless you already have a subsystem by that name, in which case, specify a unique 4 character subsystem ID in the SUBSYSID parameter.

- Step 8 - If you did not change the subsystem ID in CAPARMS from CLA1 to another name, skip this step. Otherwise, edit the ZAP member in the CORRELOG.AGENT.INSTLIB library. In addition to tailoring the job card, go down to the REP statement, and replace the X's with the hex code for the subsystem ID

INSTALL_GUIDE.txt

you have chosen to assign. If you don't know what the hex code is for the subsystem you chose, browse the CAPARMS member, and type in the HEX ON command. This will display every line in both character and hex. You can see what the hex code is for the subsystem ID you chose in the SUBSYSID parameter. Place that code in the REP statement for the ZAP job, and submit it. This will update the SMF exit with the new subsystem ID code you have chosen.

- Step 9 - APF-Authorize the CORRELOG.AGENT.LOADLIB library. You can use the following SETPROG z/OS command to do this (NOTE- use a / in front of the command if entering it from SDSF):

```
SETPROG APF,ADD,DSNAME=CORRELOG.AGENT.LOADLIB,SMS
```

This will temporarily APF-Authorize the loadlib, but the authorization will only last for the life of the IPL. To permanently authorize the library, copy the contents of the APFAUTH member of the CORRELOG.AGENT.INSTLIB into the PROGxx system PARMLIB member that is used at your installation to authorize libraries.

This completes the installation. To start the agent, use the following z/OS command (NOTE: use a / in front of these commands if entering them from SDSF):

```
S CMAGENT
```

To stop the agent, use the following z/OS command:

```
P CMAGENT
```

NOTE:

Correlog Agent uses SMF exit IEFU83 to queue records that are sent to the Correlog Server over a TCP/IP connection. The agent software will automatically install or activate the exit upon startup, and deactivate the exit upon agent termination.

Also, you can install this product on multiple LPARs, and send messages from agents running anywhere in a SYSPLEX to the Correlog Server.