

Check Point Software Technologies LTD.

Manually Updating objects.C:
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Procedure to Manually Update an *objects.C* file from v2.1C Firewall-1 to v3.0B. This procedure must be done on the v3.0B management server. Upgrading a v2.1C system to v3.0B will perform this automatically during the upgrade process.

The FWDIR directory is *C:\winnt\fw* on Windows NT and */etc/fw* on UNIX Servers by default. If you installed Firewall-1 in a non-standard directory consult your install notes.

Insure that the v2.X firewall is running v2.1C by executing *fw ver* in the *\$FWDIR/bin* directory. If the firewall is not running v2.1C upgrade it to v2.1C or use the *fw confmerge* command on the v2.1C firewall to bring the objects files from the pre v2.1C firewall up to revision v2.1C following the same procedure outlined below.

- 1) Take the *objects.C* file from the v2.1C firewall in the *\$FWDIR/conf* directory and copy it to a working test directory for example *C:\temp* or */tmp* on the v3.0B firewall.
- 2) Give the file a unique name i.e. *obj21c.C*.
- 3) On the v3.0B firewall perform the same action. Place its *objects.C* file in the same test directory with a unique name i.e. *obj30b.C*.
- 4) Using the *fw confmerge* utility on the v3.0B firewall we will merge the files to create a single *objects.C* file upgraded to v3.0B using the following syntax;

\$FWDIR/bin/fw confmerge obj21c.C obj30b.C >objects.C

- 5) The resulting *objects.C* file will include the objects from the v2.1C firewall as well as all of the updated objects from the new v3.0B build. The utility will also eliminate duplicate objects if they exist between the 2 files.
- 6) Stop firewall1 on the v3.0B system by executing; *fwstop* in the *\$FWDIR/bin* directory.
- 7) Make a copy of the *\$FWDIR/conf* directory called *\$FWDIR/conf.bak*
- 8) Remove the entire existing object's files in the conf directory.
(*objects.C, objects.C.bak, objects.C.sav*)
- 9) Copy the new *objects.C* file from the test directory back into the conf directory.
- 10) Restart firewall1 by executing; *fwstart* in the *\$FWDIR/bin* directory.
- 11) Bring up the GUI client on the v3.0B management server and goto Manage -> Network Objects. You should see all the merged objects on the v3.0B system.

NOTE: If the requirement exists to add additional *objects.C* files from other v2.1C or v3.X firewall's to the new v3.0B *objects.C* we just created follow the same procedure using the new *objects.C* as the obj30b.C in this example.

NOTE: If you cannot start the GUI or are getting errors after the update, stop the firewall and copy the original objects files from the backup conf directory and restart firewall-1. Once stable try the procedure again.