

Software installation in a BNA network

META/INSTALL can now install from any tape or disk, including one on another host if Native File Transfer (NFT) is available. Examples:

```
U META/INSTALL 40.400.80 FROM META(HOSTNAME=SPARTAN1)
U META/INSTALL 40.400.80 FROM METAPK(DISK)
U META/INSTALL 40.400.80 FROM WRK2(DISK,HOSTNAME=JAXA)
```

When this FROM syntax is used, META/INSTALL will not search for a tape. All copies will unconditionally use the source provided. The source part following FROM can be any valid source part for LIBRARY/MAINTENANCE; it is not scanned by META/INSTALL. Thus other attributes (e.g. SERIALNO) can be included if there is a need.

It is no longer necessary to have the META release tape mounted on the same system on which META/INSTALL is running, nor at the same time. The tape can be mounted on another system accessible by Native File Transfer (NFT), or can be previously copied to a disk family.

Running META/INSTALL across BNA

To use the release tape on a BNA-connected system, where you are instructed to enter

```
U META/INSTALL 40.400.80
```

enter instead

```
U META/INSTALL 40.400.80 FROM META(HOSTNAME=STIRLING1)
```

where STIRLING1 is the name of the host on which the tape is actually mounted. Note that you must actually run META/INSTALL on the host on which you are installing the software.

Successful remote installation depends on all BNA security restrictions, in force on the network, being satisfied. For example, valid REMOTEUSER host/usercode alias specifications for all Install usercode should allow PU access across the network.

Running META/INSTALL with a disk family as source

To pre-copy the tape to a disk family, enter at the ODT

```
COPY = FROM META TO METAPK(DISK)
```

where METAPK is the disk family to be used for temporary storage. Files may be copied in the following directories:

```
*METALOGIC/=
*PRINTSMITH/=
*DBCONTROL/=
(METASOFT)=
```

If you do not wish to enter the COPY at the ODT, copy these four directories explicitly.

We recommend that you use a disk family which has no pre-existing files in these directories. Otherwise, you may find extraneous files being copied and installed, and you may have difficulty cleaning up afterward.

To install from the disk thus created, enter

```
U META/INSTALL 40.400.80 FROM METAPK(DISK)
```

METAPK (the temporary storage pack) should not be the same family as either the target, substitute or alternate in the family substitution under which META/INSTALL is run.

When META/INSTALL is used in this way, the files will actually be copied one additional time compared with a standard installation. Therefore this method is useful only if you have a particular need to copy the tape in advance of running META/INSTALL, or if you plan to do the installation multiple times, or if you plan to use the disk as a source via BNA (see below).

META/INSTALL will NOT remove the files from the temporary storage disk. The four directories listed above must be removed manually.

Running INSTALL with a disk on another host as source

The two methods above can be combined; this may be particularly convenient when you are installing the software on several hosts on a BNA network. Copy the tape to a disk family as described above. Then, on each host where you installing, enter

```
U META/INSTALL FROM METAPK(DISK,HOSTNAME=STIRLING1)
```

where METAPK is the name of the disk family, and STIRLING1 is the name of the host for METAPK.