Nways Manager Installation Process Overview

The following information is provided by North America Advanced Technical Support organization as a recommended process for a successful installation of the Nways Campus Managers as found on the Nways Manager for AIX V1.2 CD-ROM.

The Nways Manager for AIX V1.2 package ships with a hard copy of an ***"Installation Guide"***. You may want to view/print a copy of this before you receive the code. This document can be found at the following URL:

`http://www.networking.ibm.com/cma/instweb.html`

The Nways Campus Manager Installation process can be broken into the following steps:

1. Verify customer has completed installation of software and hardware pre-requisites.

   Note: A fix is recommended to be applied against the DB2 that ships with the Nways Campus Manager LAN for AIX ifor/LS license key.

2. Configure SNMP on networking hardware to be managed.

   Note: You may choose to do this step AFTER you have begun the installation of the Nways Manager for AIX components, as the installation of the Nways code can take up to 12 hours. Configuring the hardware can most productively be done concurrently with software installation.

   Note: The average installation time is approximately 6 hours for the entire "Try & Buy" CD-ROM contents.

3. Modify the NetView SNMP configuration to match the community name access as configured on the networking hardware you wish to manage.

4. Check that the NetView install and configuration is correct. Problems caused by incorrect or incomplete SNMP and DNS configuration for NetView will cause Nways problems during and after the Nways Manager installation.

   The following process can be used to validate your setup:

   (a) Check whether there is an existing `/etc/resolv.conf` file. If so, NetView will use DNS for name resolution.

   (b) Run `/usr/OV/bin/ovorsutil` or display the contents of `/usr/OV/conf/ovors`. You should see the IP address and hostname matching the DNS config or a lack of DNS config definition. To be sure what your system is using you can issue an `nslookup` on hostnames and addresses:

   ```
   nslookup hostname
   nslookup hostname.domain.address
   nslookup ipaddress
   ```

   (c) Issue the following command:

   ```
   ps -ef | grep "named"
   ```

where “named” is any character string. If the return information lists a daemon other than the “named” string, NetView is running as a nameserver. In this case the `resolv.conf` may point to the NetView station itself.

(d) Make sure you have read and write authority to your IP LAN interface (not just the loopback). Some Nways applications require readWrite on the local LAN interface for configuration.

(e) As a final test, run `/usr/OV/bin/ovaddobj /usr/OV/lrf/netmon.lrf`. If it finishes successfully, proceed with the Nways install.

5. Install Java Run-Time Environment on AIX workstation.

   The JRE used in Nways systems test was at V1.1.2 which is available on the AIX Bonus Pak (5765-655) **IF** you have the CD which carries distribution number:

   `LCD4-0200-07`

   We have been told that the packaging of the AIX Bonus Pak is under a different part number and distribution number in EMEA. In EMEA you can order 5765-C34 and check for distribution number:

   `LCD4-0201-06`

   Note: This level of the JRE is VERY new. There is an internal site, however, where it is located:

   - for JDK1.1.2 and JRE1.1.2: `hurftp.hursley.ibm.com/pub/java/aix/11/112`
   - for JDK1.1.4 and JRE1.1.4: `hurftp.hursley.ibm.com/pub/java/aix/11/114`

   Note that the JRE can come either as a stand-alone package, or as part of a Java Development Tool Kit (JDK). The installation scripts included with Nways assume you have installed the JRE (without the JDK).

6. If you plan to use a web browser to review the installation instructions of Nways, verify that one is installed on your system. This can be NetScape.

7. If a release of Nways Campus Manager code prior to the Nways Manager for AIX V1.1 is installed on the AIX management station, it must be de-installed. Any customized maps or polling definitions will be lost.

   Note: The installation of Nways Manager for AIX V1.2 will take care of the de-installation of the V1.1 components.

8. If ObjectStore was previously installed at Version 4, follow the instructions in the Nways Manager for AIX V1.2 ***Installation Guide*** to edit the `.profile` file to delete references to the ***“OS_ROOTDIR”***. (*Note:* Installation of Nways V1.2 will add the correct V5 statements.)

9. Install Nways Manager components from CD-ROM (60 day time-bomb version).

10. Verify Nways installation.

11. Unlock code using ifor/LS.
12. Install DB2 V5.
13. Install fix package against DB2.
14. Install/configure web server on AIX management station.
15. Install DIA on AIX management station (and remote stations).

    Note: You need to acquire and install the required level of the Java Run-Time Environment for whatever operating system you will install a remote Distributed Intelligent Agent.
16. Customize management configuration from Nways (including Nways discovery filter and agent files).
17. Validate customization through expected views.
18. Install/customize web browser and validate Intranet access.

    Note: The only web browser currently available that supports JDK 1.1.2 is HotJava from SunSoft, Inc.