

IBM NTuneMON Version 2 and the NTuneNCP Tuning Feature

- **Supports NCP Versions 4, 5, 6 and 7**
- **Supports 3720, 3725 and 3740 controllers**
- **Reduces time and effort to manage NCP resources**
- **Complements NetView® and Network Performance Monitor (NPM)**
- **Year 2000 ready**
- **Lets you get inside your NCPs to measure performance and tune your network for best results**

The IBM NTuneMON and the NTuneNCP Tuning Feature allow you to monitor, analyze in real-time and interactively tune online the internal resources of your IBM Advanced Communication Function/Network Control Program (ACF/NCP), as well as define spare peripheral SDLC lines. With NTuneMON Version 2 you can solve problems and potentially prevent problems from occurring. NTuneMON and NTuneNCP are recommended for internetwork managers desiring online tuning and monitoring capabilities for communication controllers.

Product Overview

NTuneMON Version 2 and the NTuneNCP Tuning Feature allow you to monitor and to tune your active NCPs.

NTuneMON Version 2 is an interactive program that allows you to monitor an NCP while the network is running. It provides assistance in detecting, resolving and preventing network problems. NTuneMON runs on NetView and monitors the NCPs that were activated by VTAM® on the host where NTuneMON is running. NTuneMON presents detailed information about your NCPs. NTuneMON is the interface to NTuneNCP that runs with NCP in the communication controller.

Use NTuneMON to monitor: ESCON®, Token-Ring and 3746 Model 900 processor and storage utilization; NCP buffers and control block pool utilization; SNA Network Interconnect (SNI) and Network Names Table (NNT); IP and Frame Relay; transmission groups, virtual routes and over 300 other NCP parameters.

NTuneMON is designed to run in a virtual storage environment in any IBM system configuration that supports OS/390®, MVS/ESA™ or VM/ESA®. With the NTuneNCP Tuning Feature, NTuneMON operates with the IBM 3720, 3725, 3745 or 3745 with 3746 Model 900 controllers.

Year 2000 ready

NTuneMON Version 2 is Year 2000 ready when used in accordance with its associated documentation and is capable of correctly processing, providing and receiving data within and between the 20th and 21st centuries, provided all other hardware, software, and/or firmware used with the product properly exchange data with it.

NTuneNCP Tuning Feature

The NTuneNCP Tuning Feature allows you to interactively tune your NCPs without regenerating and reloading. NTuneNCP receives change requests to alter key NCP fields or storage, and logs the changes in a trace table. NTuneNCP allows you to adjust Virtual Route (VR) window sizes as well as NCP parameters such as APPN High-Performance Routing (HPR) and X.25 outboard data link control (ODLC) parameters for the latest NCP releases. You can also dynamically create SDLC lines and control blocks. All changes are logged and can take effect immediately—no waiting for regens or system reloads.

Benefits

- NTuneMON allows you to enable both HPR and NCP Packet Switching Interface (NPSI) snap traces.
- You can monitor more than three hundred 3745 NCP parameters and interactively update more than 100 parameters for both the 3745 and 3746 Model 900 without having to depend on NCP SYSGEN schedules.
- NTuneMON gives you the flexibility to respond to network problems when they occur. The result is minimal disruption and increased end-user satisfaction.
- NTuneNCP improves NCP performance. Because you are able to tune your NCPs you can maximize their performance, use your existing resources more efficiently and increase your network reliability.
- NTuneNCP improves end-user productivity. Because NTuneNCP makes tuning your NCPs simpler and you don't need to regenerate or reload as often as in the past, your productivity will definitely be on an upswing.

NTuneMON and NTuneNCP Specifications

Programming requirements

Program	Requirements	Program Number
NTuneMON	<ul style="list-style-type: none">• NetView V1R3 or higher with REXX support	5648-141
NTuneNCP	<ul style="list-style-type: none">• NCP V4R3.1 or higher• VTAM V3R3 or higher with appropriate maintenance• eNetwork™ Communications Server for OS/390 Release 1 or higher	

Key Customer Benefits

- Faster resolution of potential and existing internetwork problems
- Increased network and NCP availability via interactive online tuning
- Enhanced management of controllers and networks
- Systems availability improvement with reduced planned outages for SYSGENs
- Controller investment protection with efficient use of existing resources