

We've got LAN to host **reliability**  
covered at both ends



**Networks must integrate diverse IT resources—including IBM host systems and mission-critical applications—into a cohesive computing environment. Reliability and security are critical. To be viable, a solution must simplify the management of users, host and network resources while preserving your investments in hardware, applications and training. In addition, solutions need to provide the flexibility to migrate to 32-bit clients and Internet technologies at your own pace.**

**N**etWare® for SAA® 2.2 is today's most secure, reliable and scalable gateway for integrating NetWare and IntranetWare™ networks with IBM host systems

(S/390s and AS/400s). It lets NetWare clients access applications and data on SNA-based IBM hosts via IPX/SPX, TCP/IP and AppleTalk, while providing administrators with access to Novell's industry leading performance—as well as directory, security and management services.

Today's most popular LAN-to-host integration solution, NetWare for SAA is a result of a successful strategic alliance between Novell and IBM. It leverages Novell Directory Services™ (NDS™) to significantly simplify configuration, administration and user access to information and applications on IBM host systems while preserving your existing IT investments.

**THE MOST FLEXIBLE LAN-TO-HOST SOLUTION.**

NetWare for SAA 2.2 keeps your options wide open. For example, it:

- LETS YOU MIGRATE *to intranets, 32-bit clients and Internet technologies when you are ready, without forcing migration.*
- INCLUDES TN3270E SUPPORT, *giving you more host connectivity options, enhanced emulator functionality and more printing options.*

NetWare® for SAA®

VERSION 2.2

**Novell.**



Developed in conjunction with IBM

- SUPPORTS DOS, MACINTOSH\*, *Windows 3.1\**, *Windows 95\**, *Windows NT\** and *OS/2\** clients.
- SUPPORTS A BROAD RANGE of *server-to-host link types and adapters, with new support for SDLC multipoint, Frame Relay and high-speed FDDI.*
- SCALES TO HANDLE *the performance needs of any size company.*
- LETS YOU ADMINISTER *desktops, gateways and host links from NetWare, remotely or from the host.*
- INCLUDES *user-based and additive licensing.*

## CENTRALIZED, EASY-TO-USE ADMINISTRATION AND MANAGEMENT

Full NDS support (new in version 2.2) means NetWare for SAA no longer requires bindery emulation for NetWare 4 and IntranetWare users. This greatly simplifies configuration and administration tasks. NetWare for SAA is easily administered from a single, centralized workstation. It includes NetWare for SAA Services Manager and NetWare for SAA Administrator—applications that work in tandem with NWAdmin and ManageWise to further simplify administration of users and host resources. IBM NetView console operators can manage NetWare servers using built-in NetView support.

## FLEXIBLE PRINT SERVICES INTEGRATION

Novell provides add-on NLM products to fully integrate host and NetWare print services. NetWare HostPrint and NetWare HostPrint/400 provide server-based host printer emulation that reduces network traffic and simplifies

administration—improving the performance and reliability of host-to-NetWare printing.

## THE LEADING NETWORK-TO-HOST APPLICATION

### PLATFORM

More than 100 third-party applications make NetWare for SAA the platform of choice for NetWare-to-host integration. Applications include host printing, software distribution, database access, centralized data backup, network management, and integrated security. Software development tools are available for creating custom applications for 32-bit clients and NetWare platforms.

## COUNT ON NOVELL AND IBM FOR RELIABLE

### LAN-TO-HOST CONNECTIVITY SOLUTIONS.

NetWare for SAA 2.2 is co-developed by Novell—the provider of NetWare and best-of-breed network services, and IBM—the originator of SNA and the world leader in high-end and mid-range computing solutions. This successful partnership has also produced tightly integrated solutions for AS/400 connectivity and LAN-to-host printing. NetWare for SAA: AS/400 Edition is cost-effective software specifically designed to meet the needs of the networked AS/400 environment. NetWare HostPrint™ 1.11 offloads 3270 printer emulation to NetWare servers, letting you print host data on networked printers. Likewise, NetWare HostPrint/400™ provides elegant network-based printing for AS/400 system users. Both route host print jobs directly from the host to NetWare print queues, reducing network traffic and providing centralized administration and control.

## SYSTEM REQUIREMENTS

### REQUIRED HARDWARE

- 80486- or Pentium-based PC, PS/2 or compatible with a minimum of 24MB RAM.

### REQUIRED SOFTWARE

#### Server

- NetWare for SAA 2.2
- NetWare 4.1, 4.11 or IntranetWare for integrated configurations (NetWare Runtime™ 4.11 included)

#### Workstations

- Many terminal emulation packages are available for 3270, 5250, TN3270 and TN3270E that support NetWare for SAA. Call the Product Information Center for a complete listing at 1-800-NETWARE.

### OTHER SPECIFICATIONS

- For information on the latest LAN adapters and host data link options, or more information on NetWare for SAA, visit the Novell Web site at <http://host.novell.com>

© 1996 Novell, Inc.

Novell and NetWare are registered trademarks and IntranetWare, Novell Directory Services, NDS, Hot Standby, IPX, ManageWise, NetWare Connect, NetWare HostPrint, NetWare HostPrint/400, NetWare Loadable Module, NetWare Runtime, NLM, NWAdmin, ODI and SPX are trademarks of Novell, Inc. AS/400, IBM, NetView, OS/2 and PS/2 are registered trademarks and CICS, and SAA are trademarks of International Business Machines Corporation. All other trademarks and registered trademarks are properties of their respective holders.

Technical specifications and availability are subject to change without notice.

### For More Information

Contact your local Novell Authorized Reseller or system house. Visit our Web site at: <http://www.novell.com>

or call Novell at:  
1 800 NETWARE (638 9273)  
1 801 861 5533  
FAX 1 801 861 5155

or write:  
Novell, Inc.  
NetWare for SAA  
Attn: Product Manager  
2180 Fortune Drive  
San Jose, CA 95131