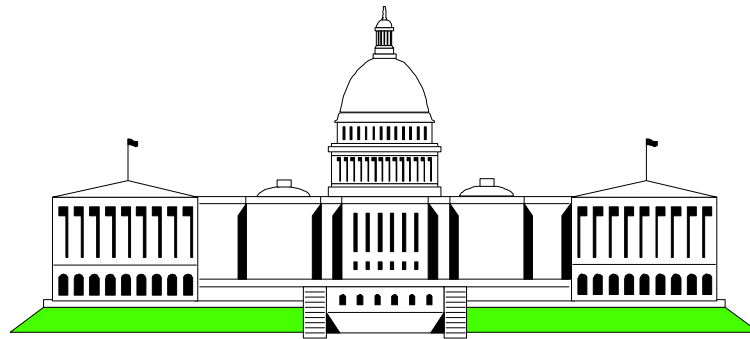


Novell Network Services on OS/390 V2R7



Washington System Center

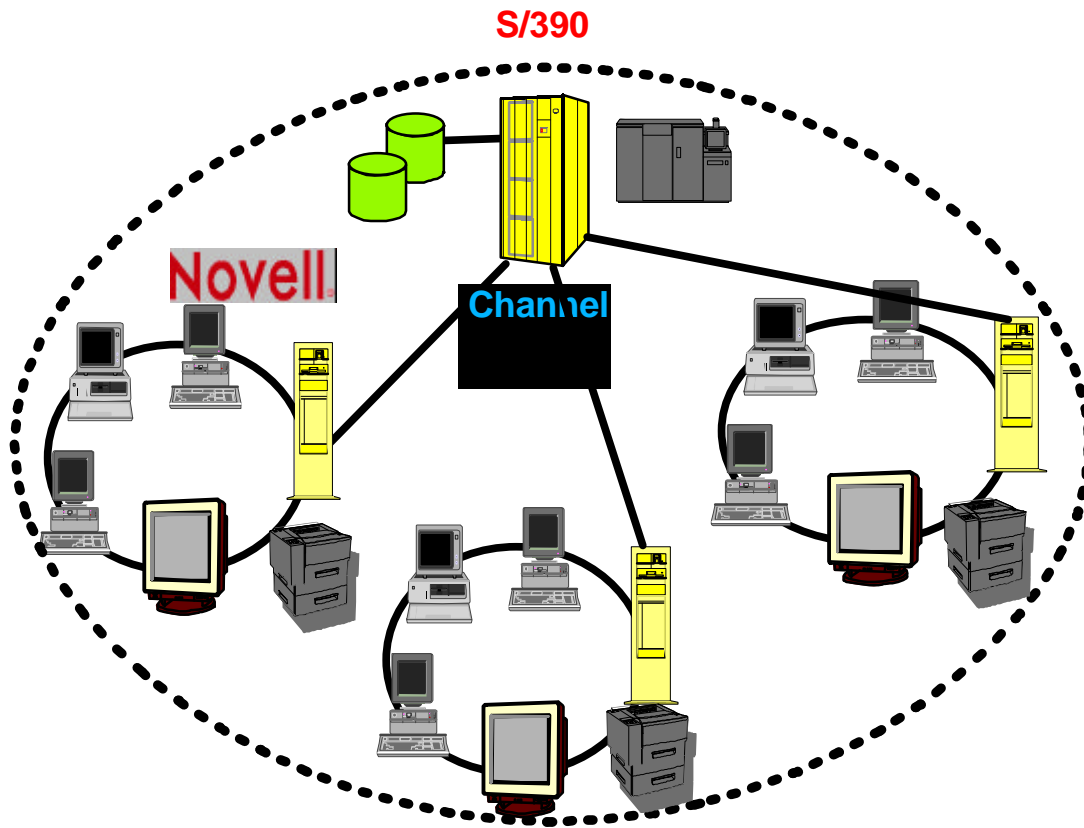
What is Novell Network Services (NNS)

??

- ? ■ A set of functions that allows OS/390 to participate in a netware network ?
- ? ■ Initial rollout provides only NDS administration functions ?
- ? ◆ Streamlines administrative tasks ?
- ? ▶ Single log-in ?
- ? ▶ Single point of network administration ?
- ? ▶ flexible directory database schema ?
- ? ▶ network security ?
- ? ▶ consistent cross-platform development environment ?
- ? ◆ Maintains information about network resources including; ?
- ? ▶ users ?
- ? ▶ groups ?
- ? ▶ printers ?
- ? ▶ volumes ?

??

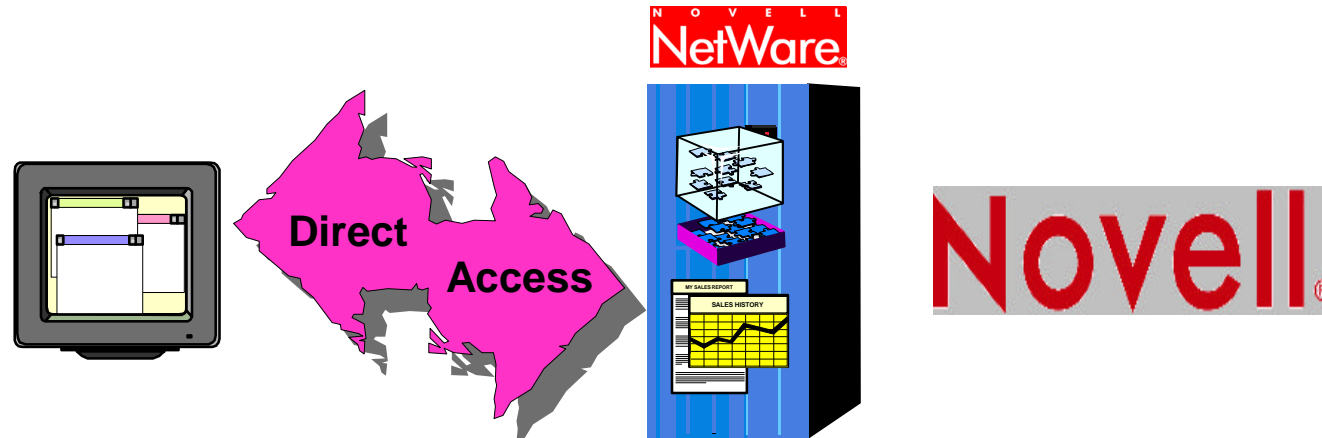
OS/390 Benefits to Novell



- Reduction/consolidation of NDS servers
- Support for NetWare-IP in addition to IPX/SPX
- No client change required
- Support for NDS read/write replication and synchronization across multiple server or partitions
- Reduction in total cost of ownership
- NetWare Administrator (NWAdmin) provides a single point of administration through icon-oriented management

- Separate program product, no charge
- 1st release offers Netware Directory Services (NDS)
- Program number 5655-B12
 - ◆ features: 9001 0001 5802
- SMP/E installable
 - ◆ FMID JBB6616 - STREAMS code, in linklib
 - ▶ compid 564701NWS
 - ◆ FMID HNWS110 - NCPS code, IPX/IP driver code
 - ▶ compid 5752SCNSS
 - ▶ NCPS code in HFS, linklib
(*Novell Cross Platform Services - Novell's UNIX operating system code*)
 - ▶ driver code in linklib

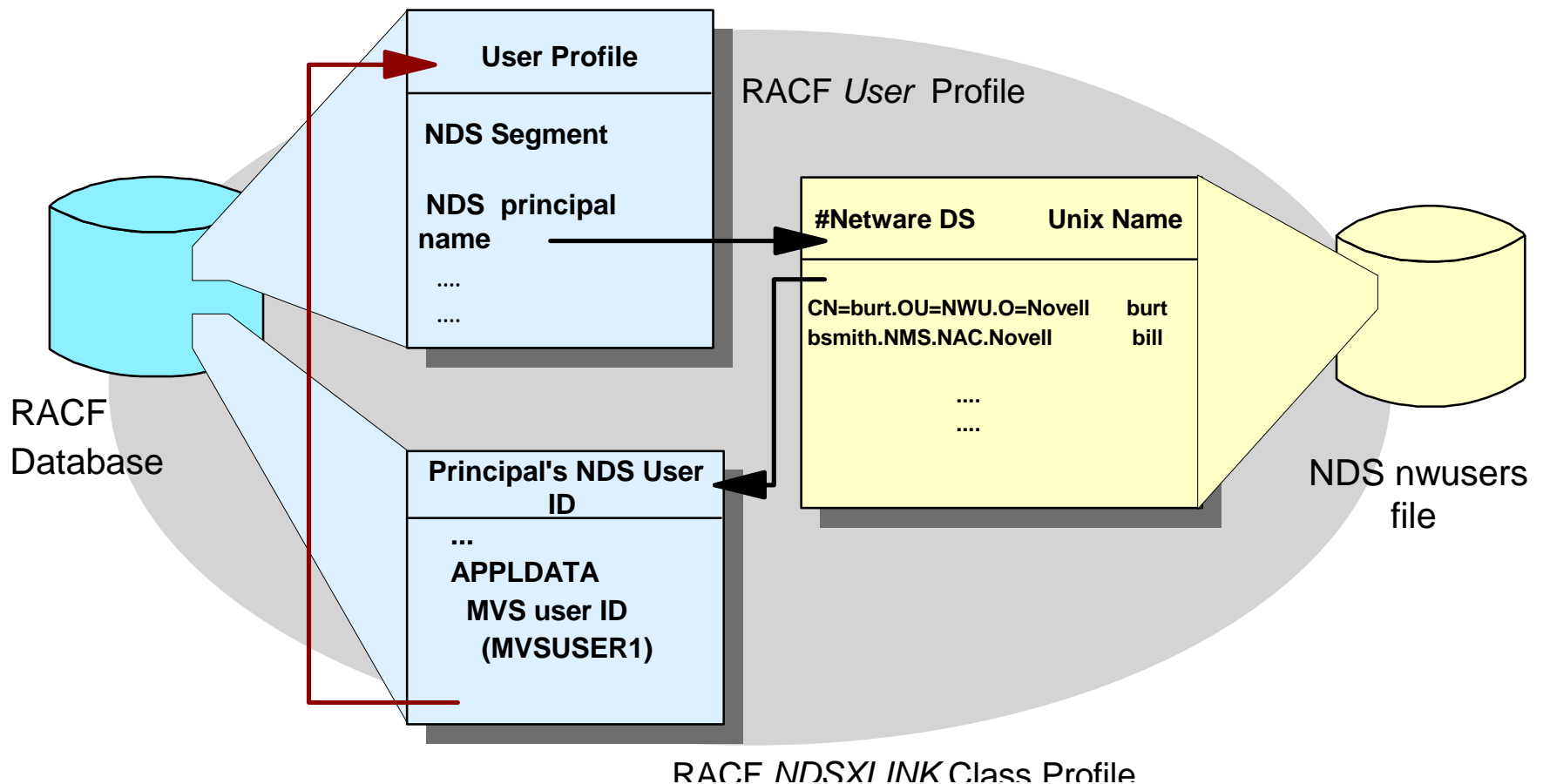
OS/390 as network operating system



- Provide flexibility for leveraging S/390 in network operating systems
 - ◆ Add value to front end processors by improving interoperability with S/390
 - ◆ Facilitate consolidation of network servers onto S/390
 - ◆ Reduce network operating system costs
 - ◆ Simplify system choices for future application deployment
- Implies traditional NOS functions:
 - ◆ Security (RACF, NDS)
 - ◆ Connectivity (TCP/IP, IPX)
 - ◆ File serving - Novell Netware Services
 - ◆ Print serving - Novell Netware Services

Identity Relationships (NDS)

- "Cross-linking" information maintained in the RACF registry via:
 - ◆ Extension to the RACF User Profile, NDS Segment
 - ◆ NDSXLINK class profiles -- allow translation between from NDS identity to OS/390 (RACF) identity
 - ◆ Derived from RACF/DCE Interop support



- Novell NetWare Services LPS - GA22-7361
- Novell NetWare Services Installation - GA22-7312
- Novell NetWare Services Concepts - GA22-7313
- Novell NetWare Services Introduction to NDS - GA22-7314
- Novell NetWare Services Messages - GA22-7316
- Novell NetWare Services Supervising the Network - GA22-7317
- Novell NetWare Services Utility Reference - GA22-7318
- Novell NetWare Services Schema Reference - GA22-7342
- Planning for the OS/390 OSA Feature - GC23-3870
- Technical Usage/Support
 - ◆ World Wide Q & A
 - ▶ access via ViewBlue, <http://w3.viewblue.ibm.com>
 - ▶ keyword - S390NNS
- Defect Support
 - ◆ 1-800-237-5511
- **Perform Guide** available July 1st, 1999 on Techdoc database
 - ◆ <http://w3.ibm.com/support/wsc>