

# Inside Windows Nt

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## PRATT GABRIELLE

### Windows Internals, Part 2 John Wiley & Sons Incorporated

A fully revised, updated, and expanded guide to Windows NT includes coverage of the file system, comprehensive information on Windows NT version 4.0, and a thorough investigation of the NT internals and the associated coding implications. (Intermediate).

*Windows NT Microsoft Cluster Server* "O'Reilly Media, Inc."

Drill down into Windows architecture and internals, discover how core Windows components work behind the scenes, and master information you can continually apply to improve architecture, development, system administration, and support. Led by three renowned Windows internals experts, this classic guide is now fully updated for Windows 10 and 8.x. As always, it combines unparalleled insider perspectives on how Windows behaves "under the hood" with hands-on experiments that let you experience these hidden behaviors firsthand. Part 2 examines these and other key Windows 10 OS components and capabilities: Startup and shutdown The Windows Registry Windows management mechanisms WMI System mechanisms ALPC ETW Cache Manager Windows file systems The hypervisor and virtualization UWP Activation Revised throughout, this edition also contains three entirely new chapters: Virtualization technologies Management diagnostics and tracing Caching and file system support

### Inside Microsoft Windows NT Internet Development New Riders Pub

NT is growing faster than any other operating system today, and Osborne's authoritative Windows NT Professional Library brings recognized industry leaders to hot topics, discussing implementation, tuning and design solutions. Master clustering--a key tool in building large-scale mission-critical enterprise applications and systems, including OLAP, online transaction processing, decision support and messaging systems; code named Wolfpack, this project has been widely anticipated by the NT community; expert author Richard Lee (NASA's data storage and retrieval expert) covers architecture and capabilities, configuring key system requirements, and troubleshooting holes and problems; implement value added solutions with unique CD loaded with utilities, applications and demos.

*Inside Windows Storage* New Riders Pub

This informal but comprehensive system administrator's guide is found in one handy volume. The text includes information on the Internet, including Windows NT's powerful new Internet server tools, such as the Internet Information Server and Microsoft Exchange.

*System architecture, processes, threads, memory management, and more* "O'Reilly Media, Inc."

Mastering cluster technology-the linking of servers-is becoming increasingly important for application and system programmers and network designers, administrators, and managers. With Microsoft's Windows NT cluster server being the first to tie cluster technology with a major operating system, it appears destined to take a leadership position in the industry. Introduction to Microsoft Windows NT Cluster Server provides all you need to know to develop your abilities for this essential technology. The author provides both introductory and advanced material focused on the three basic functions: fault tolerant computing (failover), load balancing, and centralized administration and monitoring. He guides the reader from the basics of cluster servers, through Microsoft's cluster server set-up, communication, programming, and administration. Written for professionals who are familiar with the Windows NT operating system and have programming experience, Introduction to Microsoft Windows NT Cluster Server contains information instrumental in helping you achieve zero downtime.

*Inside Windows NT Infrastructures For Dummies*

bull; bull;The data storage market continues to grow even in the current technology downturn. Microsoft is rapidly gaining market share in this area. bull;Other books on storage contain little or no information on Windows. bull;This book appeals both to networking professionals who need to learn about Microsoft as well as Microsoft professionals who need to learn about storage issues.

*Inside Windows Nt Server 4* Microsoft Press

Inside Windows NT Workstation teaches you how to plan, install, optimize, and troubleshoot a Windows NT-based network. It concentrates on the networking aspects of Windows NT Workstation and presents you with the knowledge necessary to successfully implement and manage Windows NT on your existing networks - such as Net Ware, Windows NT Server, and TCP/IP. Inside Windows NT Workstation provides in-depth coverage and hands-on instructions for transferring existing applications to Windows NT, coexisting with OS/2, networking with NT, using Windows 95 as a server, integrating Net Ware, and remote access management.

**Inside Windows NT Server 4** Inside Windows NTMicrosoft Windows NT is the foundation of the new 32-bit operating system designed to support the most powerful workstation and server systems. The initial developer support for Windows NT has been phenomenal--developers have demonstrated more than 50 Windows NT applications only months after receiving the pre-release version of the software. This authoritative text--by a member of the Windows NT development group--is a richly detailed technical overview of the design goals and architecture of Windows NT. (Operating Systems)INSIDE WINDOWS NT SECONDE EDITIONA fully revised, updated, and expanded guide to Windows NT includes coverage of the file system, comprehensive information on Windows NT version 4.0, and a thorough investigation of the NT internals and the associated coding implications. (Intermediate).Inside Windows NT Infrastructures

There are lots of authors who can explain how to install Windows NT, and no end of tomes telling you more than you ever needed to know about how NT works. But where do you go for answers to real questions like these? When it comes to questions of scaleup, cabling, performance tradeoffs, remote access, and all the other nuts-and-bolts issues with which network professionals grapple, there's only one place to go--the source. Inside Windows NT Infrastructures was written by someone who has worked in the Microsoft Windows NT Group for years. The crucial tips, techniques, and rules of thumb it contains were obtained the hard way--by running NT on hundreds of machines, in countless environments, and under real-life deployment conditions. As a result, it is the most authoritative source of practical information on such key administration and management issues as planning your infrastructure, networking protocols, routing, backbones, server sizing, interoperability, security, and more. Other hot topics covered in detail include: \* Choosing the best

domain model for your operation \* Switches versus hubs \* Ensuring reliability and performance within your deployment \* Remote access that really works \* Choosing hardware and software wisely For complete practical solutions to all your Windows NT networking issues, turn to the source -Inside Windows NT Infrastructures.

*Programming and Administration* Addison-Wesley

Inside Windows NT Server 4 RAS is a must-have resource, packed with professional tips, helpful hints, and expert advice for installing, configuring, and optimizing Remote Access Services. This comprehensive reference explores the use of RAS to its fullest potential. You'll master key features and concepts through hands-on, step-by-step procedures. Explore how to internetwork with RAS and master connectivity issues--such as using modems, ISDN, and X.25. Plus, find expert, detailed coverage on Steelhead/RRAS--the latest technology from Microsoft.

### How to Survive in a 32-bit Networking World Addison-Wesley Professional

Microsoft Windows NT is the foundation of the new 32-bit operating system designed to support the most powerful workstation and server systems. The initial developer support for Windows NT has been phenomenal--developers have demonstrated more than 50 Windows NT applications only months after receiving the pre-release version of the software. This authoritative text--by a member of the Windows NT development group--is a richly detailed technical overview of the design goals and architecture of Windows NT. (Operating Systems)

### Inside Windows NT User Profiles & System Polices New Riders Pub

An insider's guide to building high-performance, scalable, and robust enterprise server applications using the Windows NT development platform for the Internet and Intranet. Content is reinforced by case study information drawn from the author's several large projects and clients. Examples are drawn from a variety of development languages.

### Windows NT TCP/IP Network Administration Addison-Wesley Professional

Regardless of whether the network administrator is responsible for a single departmental server or a large corporate network, this book ensures that they will have the skills needed to be successful. "Inside Windows NT Server 4, 2nd Ed". provides effective tutorial-based solutions for today's administration problems.

*Showstopper!* Wiley

Inside Windows NT

### Inside Active Directory Sybex

Explains how to plan and install media, manage domains and groups, use peripheral sharing, establish security, and monitor a network

### Inside Windows NT Server 4, Administrator's Research Edition Microsoft Press

This "inside account captures the energy--and the madness--of the software giant's race to develop a critical new program. . . . Gripping" (Fortune Magazine). Showstopper is the dramatic, inside story of the creation of Windows NT, told by Wall Street Journal reporter G. Pascal Zachary. Driven by the legendary David Cutler, a picked band of software engineers sacrifices almost everything in their lives to build a new, stable, operating system aimed at giving Microsoft a platform for growth through the next decade of development in the computing business. Comparable in many ways to the Pulitzer Prize-winning book *The Soul of a New Machine* by Tracy Kidder, Showstopper gets deep inside the process of software development, the lives and motivations of coders and the pressure to succeed coupled with the drive for originality and perfection that can pull a diverse team together to create a program consisting of many hundreds of thousands of lines of code.

### Inside Windows NT Server 4 RAS Oreilly & Associates Incorporated

"Windows NT File System Internals" examines the NT/IO Manager, the Cache Manager, and the Memory Manager from the perspective of a software developer writing a file system driver or implementing a kernel-mode filter driver. The book provides numerous code examples, as well as the source for a complete, usable filter driver.

### Mastering Windows NT Server 4 Open Road Media

This concise guide pares down installation and configuration instructions into a series of checklists for Windows administrators. Topics include: Windows NT/2000 security threats, architecture of the Windows NT/2000 operating system and typical perimeter networks, how to build a Windows NT bastion host, and configuring Windows and network services.

*The Essential Guide for Administrators, Systems Engineers, and IS Professionals* CRC Press

Use Windows debuggers throughout the development cycle--and build better software Rethink your use of Windows debugging and tracing tools--and learn how to make them a key part of test-driven software development. Led by a member of the Windows Fundamentals Team at Microsoft, you'll apply expert debugging and tracing techniques--and sharpen your C++ and C# code analysis skills--through practical examples and common scenarios. Learn why experienced developers use debuggers in every step of the development process, and not just when bugs appear. Discover how to: Go behind the scenes to examine how powerful Windows debuggers work Catch bugs early in the development cycle with static and runtime analysis tools Gain practical strategies to tackle the most common code defects Apply expert tricks to handle user-mode and kernel-mode debugging tasks Implement postmortem techniques such as JIT and dump debugging Debug the concurrency and security aspects of your software Use debuggers to analyze interactions between your code and the operating system Analyze software behavior with Xperf and the Event Tracing for Windows (ETW) framework

*Windows NT 4 Programming from the Ground Up* McGraw-Hill Companies

An exhaustive technical manual outlines the Windows NT concepts related to drivers; shows how to develop the best drivers for particular applications; covers the I/O Subsystem and implementation of standard kernel mode drivers; and more. (Intermediate).

### Undocumented Windows NT New Riders Pub

Although Microsoft Windows NT is one of the most popular operating systems in the corporate world, no book has documented what actually goes on under the hood -- until now. Undocumented Windows NT dissects the Win32 interface, deconstructs the underlying APIs, and deciphers the Memory Management architecture to help you understand operations, fix flaws, and enhance performance. In this groundbreaking guide, three experts share what they've dug up on NT through years of hands-on research and programming experience. The authors' in-depth investigation uncovers both the strengths and the weaknesses -- and reveals how you can make any Windows NT system more stable and secure.