# Unit OS A: Windows Networking A.4. Quiz Windows Operating System Internals - by David A. Solomon and Mark E. Russinovich with Andreas Polze

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### ISO/OSI Model

Which one of the following layers is not part of the ISO/OSI model?

- a) Session Layer
- b) Coordination Layer
- c) Transport Layer
- d) Network Layer

#### Sockets

Sockets (winsock) are used for what types of communications?

- a) Unreliable
- b) Reliable
- c) Connectionless
- d) All of the above

# Named Pipes

Named pipes are:

- a) Bidirectional
- b) Unreliable
- c) Message-oriented
- d) Both A and C

# **Networking APIs**

Which API has unreliable unidirectional characteristics and supports broadcast messages?

- a) Windows sockets
- b) Mail slots
- c) Named pipes
- d) Remote Procedure Call (RPC)

# **Universal Naming Convention**

Which of the following is an UNC name?

- a) \\Server\c\$
- b) \Server\D:\file.txt
- c) Server:\\SharedPrinter
- d) X:\\Server\Printer

# **Active Directory**

Which protocol for securing distributed systems is being used by the Windows Active Directory implementation?

- a) Odin
- b) Zeus
- c) Kerberos

## **Active Directory - LDAP**

LDAP stands for:

- a) Legacy Domain Authentication Package
- b) Lightweight Directory Access Protocol
- c) Local Domain Authentication Protocol
- d) Logical Data Archive Package

# Transport Driver Interface (TDI)

A TDI client implements:

- a) Named pipes
- b) An interface with NDIS drivers
- c) Kernel-mode support for networking APIs
- d) Is a user-mode networking DLL

#### **TDI**

Which of the following protocols are not implemented as a TDI transport driver in Windows?

- a) TCP/IP
- b) RPC
- c) DLC
- d) NetBEUI