TPS®/TN3270 Server

A gateway between SNA applications on a host/mainframe system and downstream TN3270 and TN3270E clients connecting via TCP/IP

Features

3270 Terminal Support (LU2)

3277 Model 1 (24x80)
3278 Models 2 (24x80), 3 (32x80), 4 (43x80)
3279 Color Models 2 (24x80), 3 (32x80), 4 (43x80), 5 (27x132)

3270 Printer Support (LU1 and LU3)

3286 Model 1 and 2 (up to 102x255)
3287 Model 1 and 2 (up to 102x255)

Session Support

• Multiple 3270 sessions per client system

File Transfer

• Supports TN 3270 clients which do file transfers to and from the host using the standard IND$FILE protocol
• Transfer both binary and record type files

Secure Socket Layer (SSL) Encryption

• Send data securely by creating an SSL connection to an SSL enabled TN3270 Client

Additional Features

• Standards compliant (RFC 1446) TN3270 and (RFC 1647) TN3270E emulation
• Supports utilization of advanced functions by TN3270 or TN3270E clients
• Configurable TCP port - allows users to specify the socket/port used by the server, so potential conflicts with remote logins and other TCP/IP facilities are avoided
• LU session pooling to simplify system administration
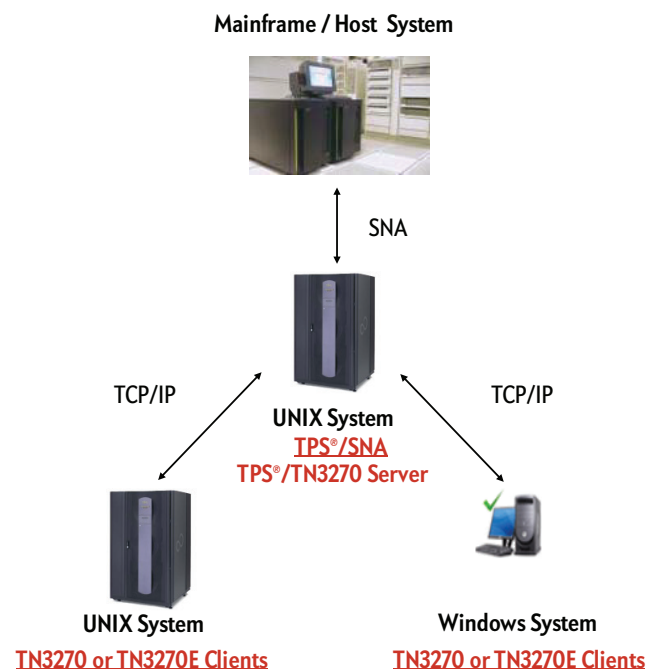• Trace facility simplifies problem determination

Related Products

• TPS®/TN3270 Client: 3270 emulation over a TCP/IP connection for UNIX/Linux, Windows or JAVA systems
• TPS®/3270 (SNA): 3270 emulation over an SNA connection for UNIX/Windows systems
• TPS®/SNA and TPS®/SNA Primary: Full-function SNA subsystems for UNIX/Windows systems

Primary Benefits

TPS®/TN3270 Server (TCP/IP) is an ideal solution when:

• Downstream devices with TCP/IP connections and TN3270 software need to participate in SNA networks
• Minimizing or eliminating SNA WAN connections while maintaining network performance
• Data communication needs to be encrypted with SSL
• From TPS® Systems - with a 40+ year tradition of excellence in providing network software and support for large global enterprises

Mainframe / Host System

SNA

UNIX System
TPS®/SNA
TPS®/TN3270 Server

TCP/IP   TCP/IP

UNIX System
TN3270 or TN3270E Clients

Windows System
TN3270 or TN3270E Clients

Operating Systems Support

• Windows
• AIX, Linux, HP-UX, Solaris, SCO

32 and 64-bit versions available for most platforms

Other Requirements

• A TCP/IP connection to a TN3270 Client
• An SNA connection to a host/mainframe system

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