

3.5 Network Accessing

Clientele VPN	Browser-based VPN
L2TP	Doesn't provide encryption by itself but rather uses IPsec for encryption
WAN	There are different types of WAN, so when connecting a VPN as a part of another Network, WAN is also taken into consideration and also, protocol used as well as Authentication method used
SSH	Only for executing commands, doesn't provide any security between web browsers and web servers
Extranet	Only allowing limited access to the system, different from VPN
RDP	Doesn't carry the actual data but only transfers the keystrokes. It is also called Thin Client
Telnet Traffic	Keystrokes, Textual Display Information
RDG(Remote Desktop Gateway)	Allowing users to access workstations in the network without the need for a VPN
Out of band management	Allows the user to reinstall an OS on a pc outside the network using a dedicated connection. There is no need to have an specific IP or something
VPN Internet	If we are using internet via VPN then we are basically accessing the resources through VPN's Internet which is quite slow as compared to the local browsing

Two site-to-site VPNs	It is cheaper as compared to a WAN technology connecting it but it is slower
Out-of-band management	Any device which doesn't use the production network is considered to be out-of-band management. This includes connecting the device directly, using PPP modem connection for a separate connection and also connecting dedicated ports
Telnet	First remote access TCP/IP protocol
Full Tunnel	In general, a basic VPN connection always uses full tunnel
Split Tunnel	In this configuration, only some of the data is using VPN, the rest is transmitted in the normal manner. Also, it conserves the internet bandwidth usage and allows to use the local resources without encapsulation
RDP	Primarily created for Windows Terminal Services
Jump Box	A dedicated Workstation which allows the users in an environment to have a secure SAN connection. For this to happen, Jump Box is installed in such a manner that two adapters are installed in it one of which connects to the SAN and another to the LAN