

Layers 5-6-7 : Session-Presentation-Application

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- The Session Layer (Layer 5) starts, controls and terminates a connection creating a session or dialog between communicating systems.

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The Presentation Layer (Layer 6) deals with how the information is presented like format (.jpg, .wav, .mpg, ...), encryption/decryption, compression/decompression, ...

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Compression/Decompression : process of transmitting data in a reduced/expanded form

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Encryption/Decryption : process by which plain/cypher data is converted into cypher(coded)/plain data

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The Application Layer (Layer 7) is in charge of performing applications like web browsing (http 80), mail composing (smtp 25, pop3 110), file uploading & downloading (ftp 21), remotely accessing (telnet 23), ...