

Section 1.3 Computer Networks Fundamentals

THE OSI MODEL

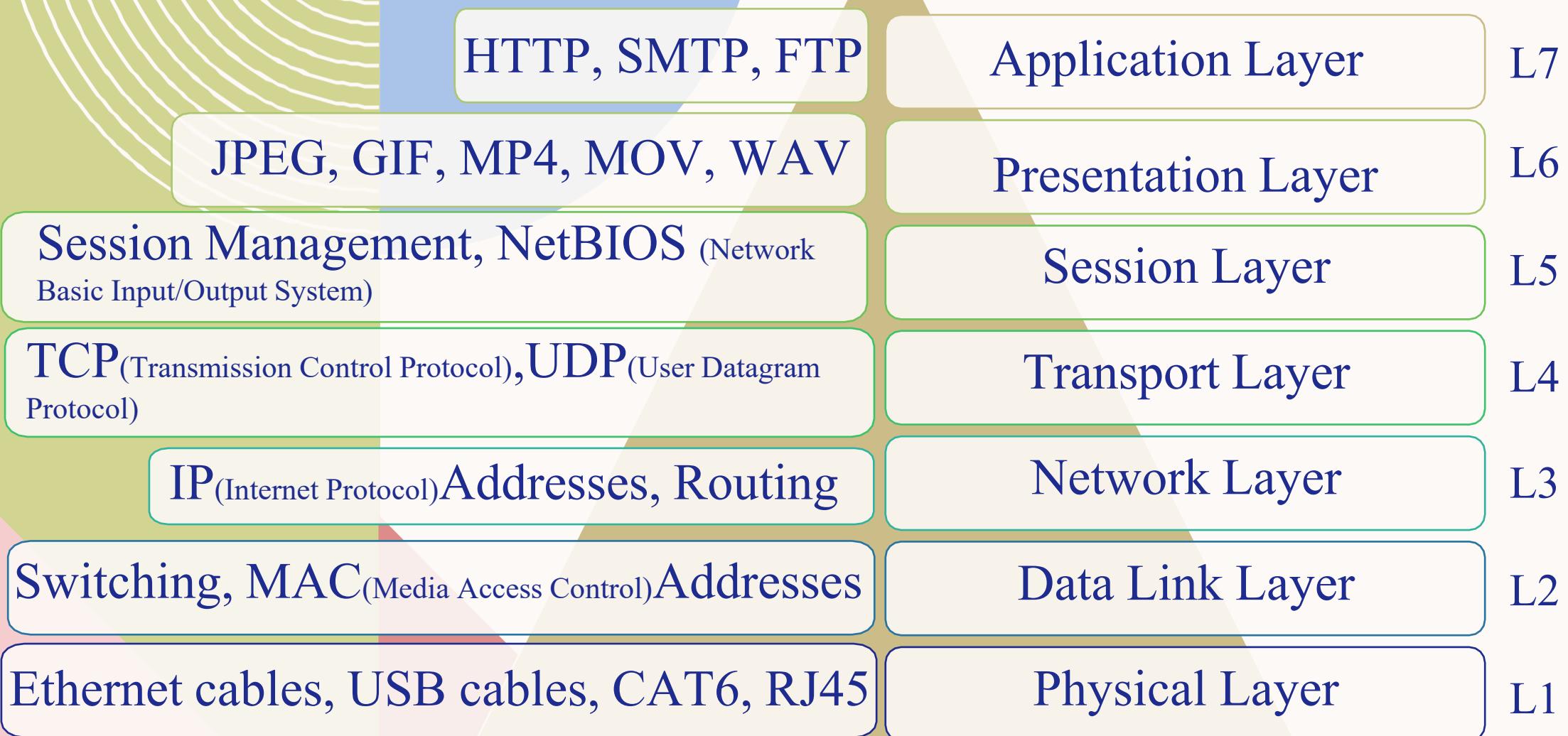
- [YouTube: HackProKP – Kailash Parshad](#)
- [LinkedIn: Kailash Parshad](#)
- [Github: https://github.com/at0m-b0mb/Cracking-OSCP-Your-Roadmap-to-Ethical-Hacking-Success](https://github.com/at0m-b0mb/Cracking-OSCP-Your-Roadmap-to-Ethical-Hacking-Success)
- [Complete Playlist:](#)
<https://www.youtube.com/watch?v=MvkNbn8i2so&list=PLyrv3TPh3ejYNZipa0OIUvkdjHeUTRJ3J&index=1&t=0s>

Cracking OSCP: Your Roadmap to Ethical Hacking Success

THE OSI MODEL

The OSI (Open Systems Interconnection) model is a conceptual framework that standardizes the functions of a telecommunication or computing system into seven abstraction layers. Each layer serves a specific purpose and interacts with the layers above and below it. The model was developed by the International Organization for Standardization (ISO) to facilitate communication between different systems and devices.

Seven Layers of OSI Model



Form of Data:

Message/Data

Application Layer

Message/Data

Presentation Layer

Message/Data

Session Layer

Segment (TCP)
Datagram (UDP)

Transport Layer

Packets

Network Layer

Frames

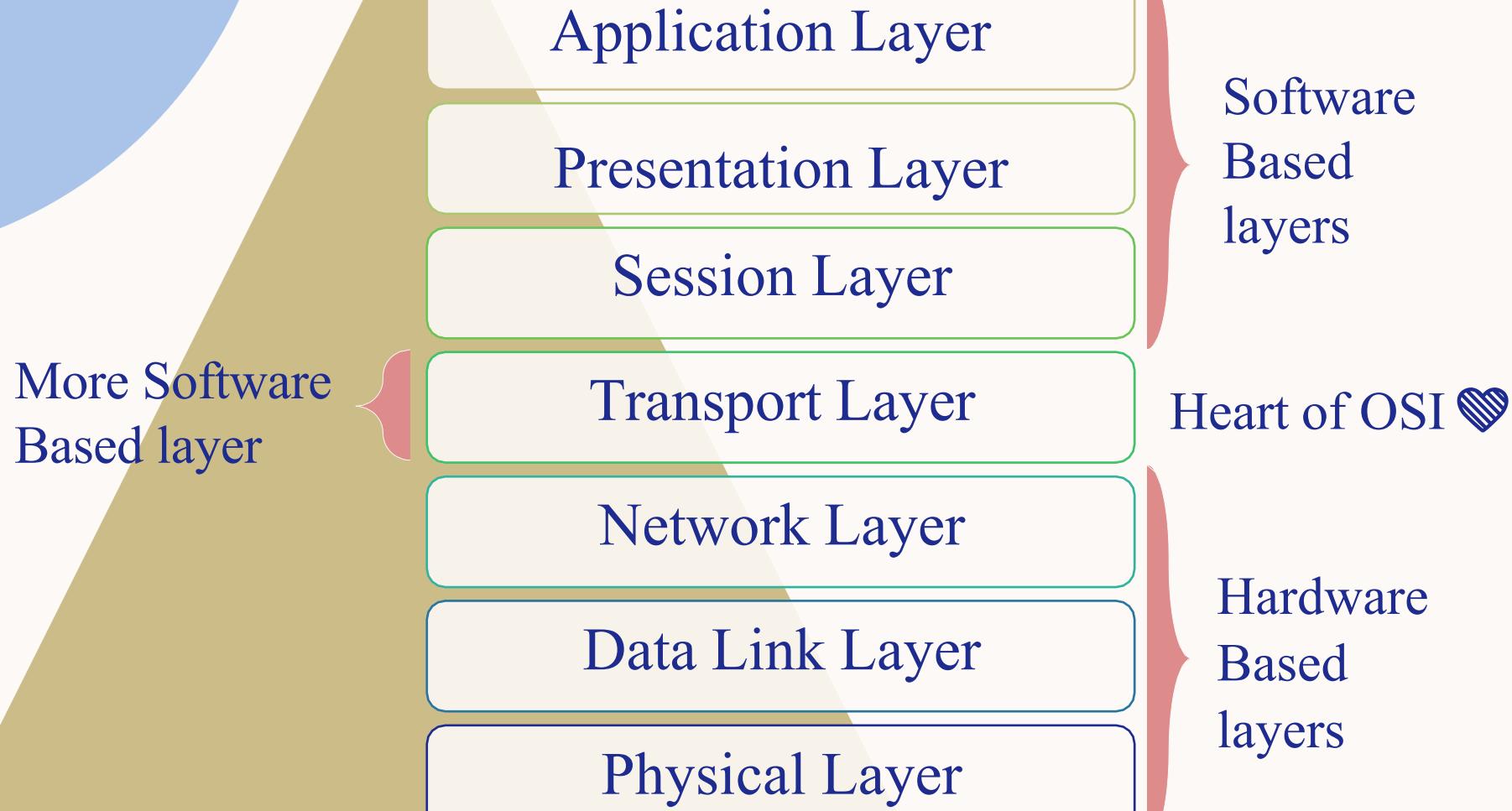
Data Link Layer

Bits

Physical Layer

Hardware or Software-Based Layers

5



Easy Mnemonics/Acronyms to Remember

OSI Layers

A: Advice

P: People's

S: Sales

T: Take

N: Not

D: Do

P: Please

Application Layer

Presentation Layer

Session Layer

Transport Layer

Network Layer

Data Link Layer

Physical Layer

A: Away

P: Pizza

S: Sausage

T: Throw

N: Not

D: Do

P: Please

Thank You! 😊 ❤

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- Love you guys 