Day 8

Cross-layer Detection

What is cross-layer Detection?

Cross-layer detection refers to a security approach that involves analyzing data across multiple layers of a system or network to identify threats and anomalies. Unlike traditional methods that might focus on just one layer-such as the network layer or application layer cross-layer detection integrates information from various layers to improve threat detection and response.

Integration of Data: Cross-layer detection integrates data from different layers of a system, such as the network layer, application layer, and host layer. This integration helps create a more comprehensive view of potential threats.

Enhanced Detection: By analyzing data from multiple layers, cross-layer detection can identify patterns and anomalies that might be missed when looking at a single layer. This helps in detecting sophisticated attacks that span across different layers of a system.