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Wi-Fi Training Program 2025

Module 4

Question 10:

Explain about A-MSDU, A-MPDU and A-MSDU in A-MPDU
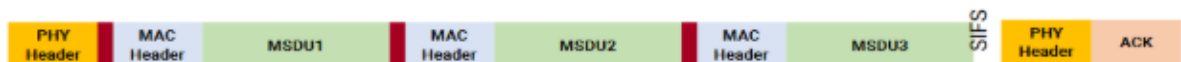
Solution:

1. **A-MSDU (Aggregated MAC Service Data Unit):**

• Combines **multiple MSDUs** (MAC layer data units) into a **single MPDU** (MAC Protocol Data Unit).

• These MSDUs are **from the same source and destined for the same receiver**.

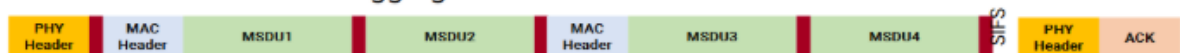2. **A-MPDU (Aggregated MAC Protocol Data Unit):**

• Combines **multiple MPDUs** into a **single PHY frame** for transmission.

• Each MPDU has **its own MAC header and CRC** (FCS).

3. **A-MSDU in A-MPDU (Nested Aggregation)**

• **Combines the benefits of both A-MSDU and A-MPDU**.
• Each MPDU inside an A-MPDU can itself contain an A-MSDU.