

802.11n Protocol Dissector

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Supported Fields

- Data Frames
 - A-MPDU aggregation/de-aggregation
 - A-MSDU de-aggregation

- Control
 - Block Ack
 - Block Ack Request
 - Control Wrapper

- Management
 - Action
 - Action No Ack

```
IEEE 802.11
  Type/Subtype: Action (0x0d)
  Frame Control: 0x00D0 (Normal)
  Duration: 314
  Destination address: Buffalo_6f:03:c7 (00:16:01:6f:03:c7)
  Source address: Cisco-Li_af:c5:d3 (00:18:f8:af:c5:d3)
  BSS Id: Buffalo_6f:03:c7 (00:16:01:6f:03:c7)
  Fragment number: 0
  Sequence number: 1283
  Frame check sequence: 0xf8f01349 [correct]
IEEE 802.11 wireless LAN management frame
  Fixed parameters
    Action: 0x03
```

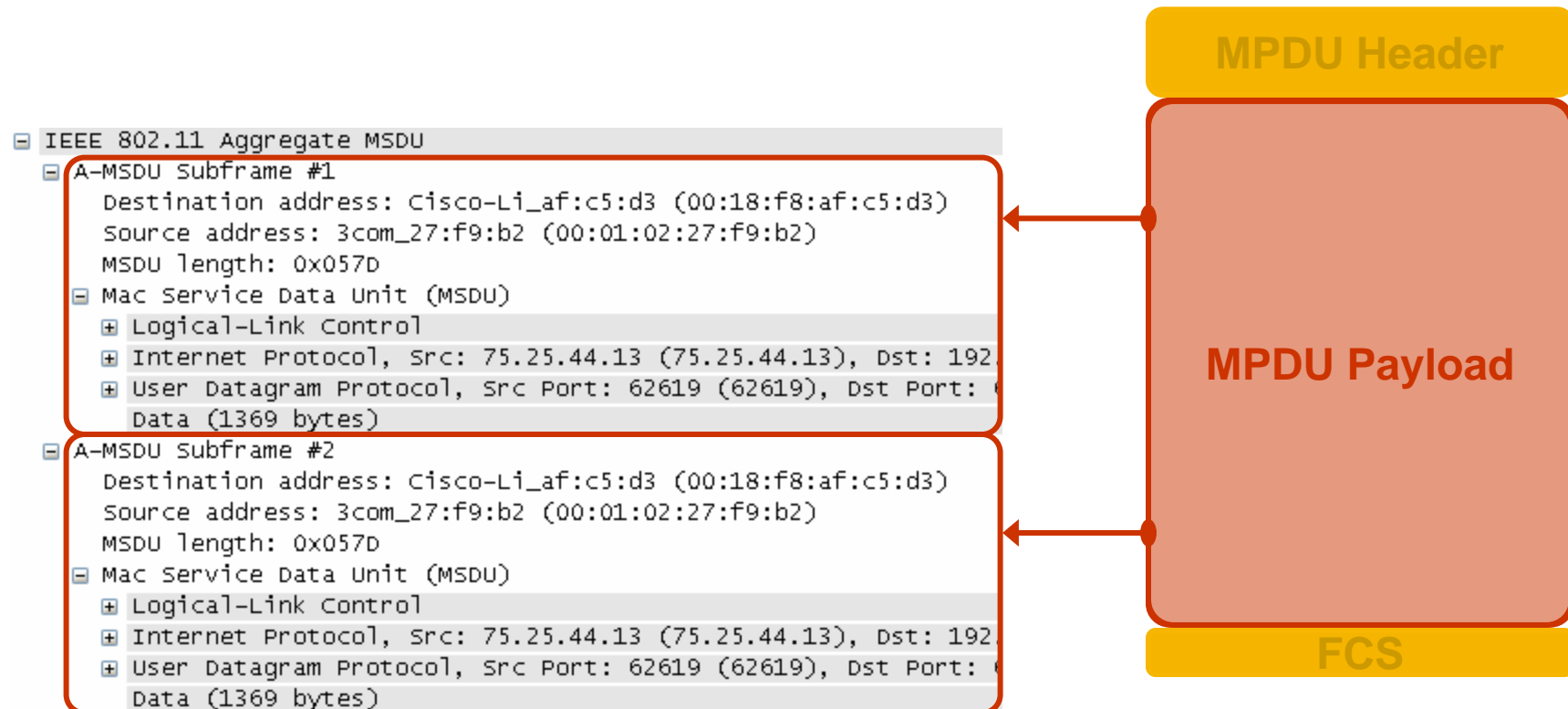
Supported Fields – Continued

- High Throughput (HT) Control (+HTC)

- Information Fields
 - High Throughput (HT) Capabilities
 - High Throughput (HT) Information

- Fixed Fields
 - Power Save Multi-Poll (PSMP) station Information
 - Multiple Input Multiple Output (MIMO) Control

Aggregated Mac Service Data Units (A-MSDUs)



Aggregated Mac Protocol Data Units (A-MPDUs)

These disparate MPDUs are then displayed to the user as though they were part of an aggregate.

MPDUs from an aggregate are given to us as individual MPDUs

```
+ PPI version 0, 48 bytes
- MPDU #1
  + IEEE 802.11
  + Logical-Link Control
  + Internet Protocol, Src: 192.168.1.132 (192.168.1.132),
  + User Datagram Protocol, Src Port: netbios-ns (137), Dst
  + NetBIOS Name Service
- MPDU #2
  + IEEE 802.11
  + Logical-Link Control
  + Internet Protocol, Src: 192.168.1.132 (192.168.1.132),
  + User Datagram Protocol, Src Port: netbios-ns (137), Dst
  + NetBIOS Name Service
```

