

```
If packet type is arp
    Make rule
    Match packet
    Append packet to flow mod structure with output port to of.OFPP_FLOOD
    Send message
Else
    If packet is not from Untrusted Host IP
    Check switch_id
        If packet source is from
        If at destination address
            Make rule
            Match packet
            Append packet to flow mod structure
            Set output port to given port address for Host
            Send message
        Else
            Send packet back to network core switch

    If switch_id == data center
        Check if source or destination address is from the Untrusted Host, if not
        If at destination address
            Make rule
            Match packet
            Append packet to flow mod structure
            Set output port to given port address for Host
            Send message
        Else
            Forward packet back to network core switch
```