

Mesh rules

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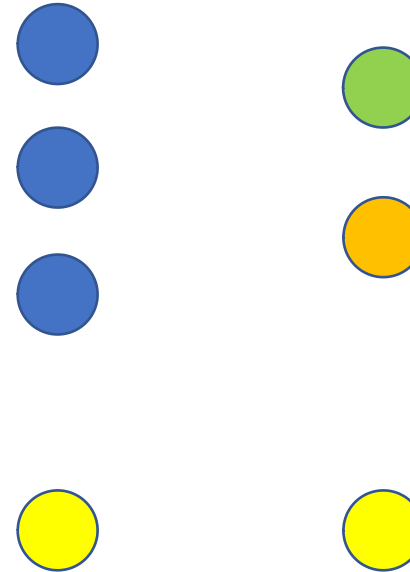
```
{
  "DeviceID" : "udp:90.27.174.128:8888",
  "SoR" : [
    {
      "RuleID": 6,
      "RuleIDLength": 3,
      "Compression": [
        ....
      ]
    }
  ]
}
```

Rules in SCHC

- RFC8724 only defines rule format for a single device
 - No indication if several nodes has to be managed
 - Case for Core SCHC
- OpenSCHC add a deviceID for star topology
 - Star topology: 1 core and several devices
 - The core can identify the set of rule for uplink and where to send on downlink
 - Devices answer either using the technology (eg. LoRaWAN) or answer the core.
- Point to point is a particular case of star topology.

Mesh network

Several cores



Symmetric devices:

- Core/device
- 2 SoR of each direction
- RuleID cannot be shared

```
[{  
  "DeviceID" : "udp:90.27.174.128:8888",  
  "NextHop": "udp:123.1.2.3:23628"  
  "SoR" : [  
    {  
      "RuleID": 6,  
      "RuleIDLength": 3,  
      "Compression": [  
        .....      ]  
    }  
  ]  
}
```