

ODL: modifier l'adresse IP (dst_ip ou src_ip)

Conformément à la section 7.2.3.6 Spécifications du champ de correspondance de flux, section 1.3.5 (Spécifications du commutateur OpenFlow version 1.3.5 (version de protocole 0x04), section 7.2.3.8 Champs de correspondance d'en-tête, le flux permettant de modifier l'adresse IP (dst_ip ou src_ip) doit:

1. définir ethernet-destination-mask sur ff:ff:ff:ff:ff:ff
2. définir ethernet-type à 0x0800 .
3. définir le masque de ipv4 à 255.255.255.255 ou ip_addr/32

Code :

```
{
  "flow": [
    {
      "id": "bwt",
      "match": {
        "ethernet-match": {
          "ethernet-destination": {
            "address": "02:42:4a:46:fc:01",
            "mask": "ff:ff:ff:ff:ff:ff"
          },
          "ethernet-type": {
            "type": "0x0800"
          }
        },
        "ipv4-destination": "192.168.1.2/32"
      },
      "instructions": {
        "instruction": [
          {
            "order": "0",
            "apply-actions": {
              "action": [
                {
                  "order": "0",
                  "set-dl-dst-action": {
                    "address": "02:42:4a:46:fc:03"
                  }
                },
                {
                  "order": "1",
                  "set-nw-dst-action": {
                    "ipv4-address": "192.168.1.3/32"
                  }
                }
              ]
            }
          },
          {
            "order": "2",
```

```
    "output-action": {
      "output-node-connector": "3",
      "max-length": "65535"
    }
  ]
},
"priority": "12",
"table_id": "0"
}
]
```

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