{

"network-topology": {

"topology": [

{

"topology-id": "flow:1",

"node": [

{

"node-id": "openflow:2",

"termination-point": [

{

"tp-id": "openflow:2:LOCAL",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:2']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:2:LOCAL']"

},

{

"tp-id": "openflow:2:1",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:2']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:2:1']"

},

{

"tp-id": "openflow:2:2",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:2']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:2:2']"

},

{

"tp-id": "openflow:2:3",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:2']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:2:3']"

}

],

"opendaylight-topology-inventory:inventory-node-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:2']"

},

{

"node-id": "host:5e:61:0c:e3:5f:77",

"termination-point": [

{

"tp-id": "host:5e:61:0c:e3:5f:77"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:1:4",

"corresponding-tp": "host:5e:61:0c:e3:5f:77",

"active": true

}

],

"host-tracker-service:id": "5e:61:0c:e3:5f:77",

"host-tracker-service:addresses": [

{

"id": 0,

"mac": "5e:61:0c:e3:5f:77",

"last-seen": 1490322373085,

"ip": "10.0.0.2",

"first-seen": 1490322373085

}

]

},

{

"node-id": "openflow:1",

"termination-point": [

{

"tp-id": "openflow:1:1",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:1:1']"

},

{

"tp-id": "openflow:1:2",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:1:2']"

},

{

"tp-id": "openflow:1:LOCAL",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:1:LOCAL']"

},

{

"tp-id": "openflow:1:3",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:1:3']"

},

{

"tp-id": "openflow:1:4",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:1:4']"

},

{

"tp-id": "openflow:1:5",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:1:5']"

}

],

"opendaylight-topology-inventory:inventory-node-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:1']"

},

{

"node-id": "openflow:4",

"termination-point": [

{

"tp-id": "openflow:4:1",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:4']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:4:1']"

},

{

"tp-id": "openflow:4:LOCAL",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:4']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:4:LOCAL']"

},

{

"tp-id": "openflow:4:2",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:4']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:4:2']"

}

],

"opendaylight-topology-inventory:inventory-node-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:4']"

},

{

"node-id": "openflow:3",

"termination-point": [

{

"tp-id": "openflow:3:1",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:3']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:3:1']"

},

{

"tp-id": "openflow:3:2",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:3']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:3:2']"

},

{

"tp-id": "openflow:3:LOCAL",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:3']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:3:LOCAL']"

},

{

"tp-id": "openflow:3:3",

"opendaylight-topology-inventory:inventory-node-connector-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:3']/opendaylight-inventory:node-connector[opendaylight-inventory:id='openflow:3:3']"

}

],

"opendaylight-topology-inventory:inventory-node-ref": "/opendaylight-inventory:nodes/opendaylight-inventory:node[opendaylight-inventory:id='openflow:3']"

},

{

"node-id": "host:c2:62:51:d1:58:1d",

"termination-point": [

{

"tp-id": "host:c2:62:51:d1:58:1d"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:1:5",

"corresponding-tp": "host:c2:62:51:d1:58:1d",

"active": true

}

],

"host-tracker-service:id": "c2:62:51:d1:58:1d",

"host-tracker-service:addresses": [

{

"id": 2,

"mac": "c2:62:51:d1:58:1d",

"last-seen": 1490322373336,

"ip": "10.0.0.3",

"first-seen": 1490322373336

}

]

},

{

"node-id": "host:da:3f:e6:60:a5:d2",

"termination-point": [

{

"tp-id": "host:da:3f:e6:60:a5:d2"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:3:3",

"corresponding-tp": "host:da:3f:e6:60:a5:d2",

"active": true

}

],

"host-tracker-service:id": "da:3f:e6:60:a5:d2",

"host-tracker-service:addresses": [

{

"id": 5,

"mac": "da:3f:e6:60:a5:d2",

"last-seen": 1490322383145,

"ip": "10.0.0.6",

"first-seen": 1490322383145

}

]

},

{

"node-id": "host:62:c3:0f:46:41:65",

"termination-point": [

{

"tp-id": "host:62:c3:0f:46:41:65"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:2:3",

"corresponding-tp": "host:62:c3:0f:46:41:65",

"active": true

}

],

"host-tracker-service:id": "62:c3:0f:46:41:65",

"host-tracker-service:addresses": [

{

"id": 4,

"mac": "62:c3:0f:46:41:65",

"last-seen": 1490322375139,

"ip": "10.0.0.5",

"first-seen": 1490322375139

}

]

},

{

"node-id": "host:b6:ca:7a:a8:a3:70",

"termination-point": [

{

"tp-id": "host:b6:ca:7a:a8:a3:70"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:4:2",

"corresponding-tp": "host:b6:ca:7a:a8:a3:70",

"active": true

}

],

"host-tracker-service:id": "b6:ca:7a:a8:a3:70",

"host-tracker-service:addresses": [

{

"id": 6,

"mac": "b6:ca:7a:a8:a3:70",

"last-seen": 1490322383175,

"ip": "10.0.0.7",

"first-seen": 1490322383175

}

]

},

{

"node-id": "host:3a:44:64:74:d8:61",

"termination-point": [

{

"tp-id": "host:3a:44:64:74:d8:61"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:1:3",

"corresponding-tp": "host:3a:44:64:74:d8:61",

"active": true

}

],

"host-tracker-service:id": "3a:44:64:74:d8:61",

"host-tracker-service:addresses": [

{

"id": 1,

"mac": "3a:44:64:74:d8:61",

"last-seen": 1490322976710,

"ip": "10.0.0.1",

"first-seen": 1490322373311

}

]

},

{

"node-id": "host:aa:ed:92:83:a5:c9",

"termination-point": [

{

"tp-id": "host:aa:ed:92:83:a5:c9"

}

],

"host-tracker-service:attachment-points": [

{

"tp-id": "openflow:2:2",

"corresponding-tp": "host:aa:ed:92:83:a5:c9",

"active": true

}

],

"host-tracker-service:id": "aa:ed:92:83:a5:c9",

"host-tracker-service:addresses": [

{

"id": 3,

"mac": "aa:ed:92:83:a5:c9",

"last-seen": 1490322976723,

"ip": "10.0.0.4",

"first-seen": 1490322373395

}

]

}

],

"link": [ //源节点和目的节点就是解析link中的内容，每个link-id代表一条链路，每条链路有一个源节点和目的节点，只解析源和目的都是交换机的链路即可。下面标出了源和目的都是交换机的链路~

{

"link-id": "openflow:3:3/host:da:3f:e6:60:a5:d2",

"destination": {

"dest-node": "host:da:3f:e6:60:a5:d2",

"dest-tp": "host:da:3f:e6:60:a5:d2"

},

"source": {

"source-tp": "openflow:3:3",

"source-node": "openflow:3"

}

},

{

"link-id": "host:62:c3:0f:46:41:65/openflow:2:3",

"destination": {

"dest-node": "openflow:2",

"dest-tp": "openflow:2:3"

},

"source": {

"source-tp": "host:62:c3:0f:46:41:65",

"source-node": "host:62:c3:0f:46:41:65"

}

},

{

"link-id": "openflow:1:4/host:5e:61:0c:e3:5f:77",

"destination": {

"dest-node": "host:5e:61:0c:e3:5f:77",

"dest-tp": "host:5e:61:0c:e3:5f:77"

},

"source": {

"source-tp": "openflow:1:4",

"source-node": "openflow:1"

}

},

{

"link-id": "openflow:1:5/host:c2:62:51:d1:58:1d",

"destination": {

"dest-node": "host:c2:62:51:d1:58:1d",

"dest-tp": "host:c2:62:51:d1:58:1d"

},

"source": {

"source-tp": "openflow:1:5",

"source-node": "openflow:1"

}

},

{

"link-id": "openflow:4:2/host:b6:ca:7a:a8:a3:70",

"destination": {

"dest-node": "host:b6:ca:7a:a8:a3:70",

"dest-tp": "host:b6:ca:7a:a8:a3:70"

},

"source": {

"source-tp": "openflow:4:2",

"source-node": "openflow:4"

}

},

{

"link-id": "openflow:2:3/host:62:c3:0f:46:41:65",

"destination": {

"dest-node": "host:62:c3:0f:46:41:65",

"dest-tp": "host:62:c3:0f:46:41:65"

},

"source": {

"source-tp": "openflow:2:3",

"source-node": "openflow:2"

}

},

{

"link-id": "host:b6:ca:7a:a8:a3:70/openflow:4:2",

"destination": {

"dest-node": "openflow:4",

"dest-tp": "openflow:4:2"

},

"source": {

"source-tp": "host:b6:ca:7a:a8:a3:70",

"source-node": "host:b6:ca:7a:a8:a3:70"

}

},

{

"link-id": "host:5e:61:0c:e3:5f:77/openflow:1:4",

"destination": {

"dest-node": "openflow:1",

"dest-tp": "openflow:1:4"

},

"source": {

"source-tp": "host:5e:61:0c:e3:5f:77",

"source-node": "host:5e:61:0c:e3:5f:77"

}

},

{

"link-id": "openflow:1:3/host:3a:44:64:74:d8:61",

"destination": {

"dest-node": "host:3a:44:64:74:d8:61",

"dest-tp": "host:3a:44:64:74:d8:61"

},

"source": {

"source-tp": "openflow:1:3",

"source-node": "openflow:1"

}

},

{

"link-id": "host:da:3f:e6:60:a5:d2/openflow:3:3",

"destination": {

"dest-node": "openflow:3",

"dest-tp": "openflow:3:3"

},

"source": {

"source-tp": "host:da:3f:e6:60:a5:d2",

"source-node": "host:da:3f:e6:60:a5:d2"

}

},

{

"link-id": "host:aa:ed:92:83:a5:c9/openflow:2:2",

"destination": {

"dest-node": "openflow:2",

"dest-tp": "openflow:2:2"

},

"source": {

"source-tp": "host:aa:ed:92:83:a5:c9",

"source-node": "host:aa:ed:92:83:a5:c9"

}

},

{

"link-id": "openflow:1:2",

"destination": {

"dest-node": "openflow:3",

"dest-tp": "openflow:3:1"

},

"source": {

"source-tp": "openflow:1:2",

"source-node": "openflow:1"

}

},

{

"link-id": "host:c2:62:51:d1:58:1d/openflow:1:5",

"destination": {

"dest-node": "openflow:1",

"dest-tp": "openflow:1:5"

},

"source": {

"source-tp": "host:c2:62:51:d1:58:1d",

"source-node": "host:c2:62:51:d1:58:1d"

}

},

{

"link-id": "openflow:2:1",

"destination": {

"dest-node": "openflow:1",

"dest-tp": "openflow:1:1"

},

"source": {

"source-tp": "openflow:2:1",

"source-node": "openflow:2"

}

},

{

"link-id": "openflow:3:1",

"destination": {

"dest-node": "openflow:1",

"dest-tp": "openflow:1:2"

},

"source": {

"source-tp": "openflow:3:1",

"source-node": "openflow:3"

}

},

{

"link-id": "openflow:2:2/host:aa:ed:92:83:a5:c9",

"destination": {

"dest-node": "host:aa:ed:92:83:a5:c9",

"dest-tp": "host:aa:ed:92:83:a5:c9"

},

"source": {

"source-tp": "openflow:2:2",

"source-node": "openflow:2"

}

},

{

"link-id": "openflow:4:1",

"destination": {

"dest-node": "openflow:3",

"dest-tp": "openflow:3:2"

},

"source": {

"source-tp": "openflow:4:1",

"source-node": "openflow:4"

}

},

{

"link-id": "openflow:3:2",

"destination": {

"dest-node": "openflow:4",

"dest-tp": "openflow:4:1"

},

"source": {

"source-tp": "openflow:3:2",

"source-node": "openflow:3"

}

},

{

"link-id": "host:3a:44:64:74:d8:61/openflow:1:3",

"destination": {

"dest-node": "openflow:1",

"dest-tp": "openflow:1:3"

},

"source": {

"source-tp": "host:3a:44:64:74:d8:61",

"source-node": "host:3a:44:64:74:d8:61"

}

},

{

"link-id": "openflow:1:1",

"destination": {

"dest-node": "openflow:2",

"dest-tp": "openflow:2:1"

},

"source": {

"source-tp": "openflow:1:1",

"source-node": "openflow:1"

}

}

]

}

]

}

}