

```
---
proto: ip
from: router
to: controller
to_report: true
data:
  proto: dtmp
  command: get_rule
  data:
    to_role: role1
    from_role: role2
    proto: proto0
    key: key0
...
```

```
---
proto: ip
from: controller
to: router
to_report: true
data:
  proto: dtmp
  command: deploy_rule
  data:
    from_role: role1
    to_role: role2
    proto: proto1
    decision: allowed
    key: key0
...
```

```
---
proto: ip
from: user
to: controller
to_report: true
data:
  proto: dtmp
  command: set_rule
  data:
    role_from: addr1
    role_to: addr2
    proto: proto1
    decision: allowed
...
```

```
---
proto: ip
from: router
to: user
to_report: true
data:
  proto: dtmp
  command: request_flow
  data:
    to: addr1
    from: addr2
    proto: proto0
...
```

```
---
proto: ip
from: user
to: router
to_report: true
data:
  proto: dtmp
  command: set_flow
  data:
    from: addr1
    to: addr2
    proto: proto1
    decision: allowed
    [to_role: role1]
    [from_role: role2]
...
```