

```
delivered(Router, Network) <-  
    fwd(Router, Network, Network).
```

```
nondelivered(Router, Network) <-  
    fwd(Router, Network, "drop").
```

```
delivered(Router, Network) <-  
    fwd(Router, Network, NextHop),  
    delivered(NextHop, Network).
```

```
nondelivered(Router, Network) <-  
    fwd(Router, Network, NextHop),  
    nondelivered(NextHop, Network).
```

```
inconsistent(Router, Network) <-  
    delivered(Router, Network),  
    nondelivered(Router, Network).
```