Question 1:

|  |  |
| --- | --- |
| Match | Action |
| Ingress port = 1  IP src = 10.3.\*.\*  IP dst = 10.2.\*.\* | forward(4) |
| Ingress port = 4  IP src = 10.2.\*.\*  IP dst = 10.3.\*.\* | forward(1) |
| Ingress port = 1  IP dst = 10.1.0.1 | forward(2) |
| Ingress port = 1  IP dst = 10.1.0.2 | forward(3) |
| Ingress port = 4  IP dst = 10.1.0.1 | forward(2) |
| Ingress port = 4  IP dst = 10.1.0.2 | forward(3) |

Question 2:

|  |  |
| --- | --- |
| Match | Action |
| Ingress port = 1  IP src = 10.3.\*.\*  IP dst = 10.1.\*.\* | forward(2) |
| Ingress port = 2  IP src = 10.1.\*.\*  IP dst = 10.3.\*.\* | forward(1) |
| Ingress port = 1  IP dst = 10.2.0.3 | forward(3) |
| Ingress port = 1  IP dst = 10.2.0.4 | forward(4) |
| Ingress port = 2  IP dst = 10.2.0.3 | forward(3) |
| Ingress port = 2  IP dst = 10.2.0.4 | forward(4) |
| Ingress port = 3  IP dst = 10.2.0.4 | forward(4) |
| Ingress port = 4  IP dst = 10.2.0.3 | forward(3) |