NAT: Network Address Translation

2: NAT路由器变换数据报
源地址、端口号从
10.0.0.1, 3345到
138.76.29.7, 5001,
更新对应表

NAT translation table	
WAN side addr	LAN side addr
138.76.29.7, 5001	10.0.0.1, 3345
......	......

1: 主机 10.0.0.1
发送数据报到
128.119.40, 80

S: 10.0.0.1, 3345
D: 128.119.40.186, 80

10.0.0.1

1

2 S: 138.76.29.7, 5001
D: 128.119.40.186, 80

10.0.0.4

138.76.29.7

10.0.0.2

S: 128.119.40.186, 80
D: 10.0.0.1, 3345 **4**

3 S: 128.119.40.186, 80
D: 138.76.29.7, 5001

4: NAT 路由器变换目标地址从
138.76.29.7, 5001 到
10.0.0.1, 3345

10.0.0.3

3: 响应返回目标地址:
138.76.29.7, 5001