

Host A with IP 10.0.1.1/16 and MAC 58:ac:78:88:1a:bb

Host C with IP 10.0.0.10/16 and MAC d4:be:d9:fe:8b:45

Host B with IP 10.0.10.1/16 and MAC 90:94:e4:7e:f4:59

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC

POLICY: CLEAN

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
10.0.10.1	90:94:e4:7e:f4:59			10.0.10.1	90:94:e4:7e:f4:59

POLICY: UPDATE

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
10.0.10.1	90:94:e4:7e:f4:59			10.0.10.1	90:94:e4:7e:f4:59

ARP reply

ARP reply

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
10.0.10.1	90:94:e4:7e:f4:59			10.0.10.1	90:94:e4:7e:f4:59

POLICY: REFRESH

ARP request

POLICY: DENY

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
10.0.10.1	90:94:e4:7e:f4:59			10.0.10.1	90:94:e4:7e:f4:59

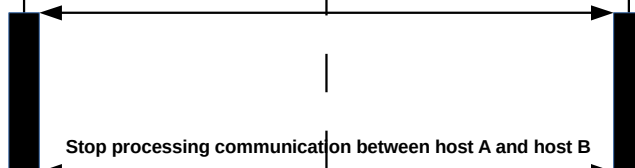
POLICY: REFRESH

ARP reply

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
10.0.10.1	90:94:e4:7e:f4:59			10.0.10.1	90:94:e4:7e:f4:59

POLICY: ALLOW

Start processing communication between host A and host B



Stop processing communication between host A and host B

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
10.0.10.1	90:94:e4:7e:f4:59			10.0.10.1	90:94:e4:7e:f4:59

POLICY: UPDATE

SARPI timeout of the SARPI cache expires

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC

POLICY: CLEAN

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
		10.0.1.1	14:44:02		

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
		10.0.1.1	14:44:02		

SARPI cache		DARPI cache		ARP cache	
IP	MAC	IP	TIME	IP	MAC
				10.0.1.1	58:ac:78:88:1a:bb

Time

Time

Time