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

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

ARP requests

Start processing communication between host A and host B

DARPI cache | ARP cache
---|---
IP | TIME | IP | MAC
---|---|---|---
10.0.10.1 | 14:44:02 | | |

DARPI cache | ARP cache
---|---
IP | TIME | IP | MAC
---|---|---|---
10.0.10.1 | 14:44:02 | | |

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

Stop processing communication between host A and host B

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

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

ARP replies

POLICY: ALLOW

POLICY: ALLOW

POLICY: DENY

POLICY: DENY

POLICY: DENY

POLICY: DENY

POLICY: CLEAN

DARPI cache | ARP cache
---|---
IP | TIME | IP | MAC
---|---|---|---
10.0.10.1 | 14:44:02 | | |

DARPI cache | ARP cache
---|---
IP | TIME | IP | MAC
---|---|---|---
10.0.10.1 | 14:44:02 | | |

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

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

Time

Time