

Authentication in separate machine:

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(0.307957, 1480276052.206342)
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Request reached controller with destination mac as web-server and redirected to authenticator
('dpid of the ovs:', 116526391948)
('source IP & Destination IP', IPAddr('192.168.2.3'), IPAddr('192.168.2.1'))
+++++
(0.0002510000000000012, 0.0002510547637939453)
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+++++
(0.379797, 1480276078.690547)
+++++
Request reached controller with destination mac as web-server and redirected to authenticator
('dpid of the ovs:', 116525511840)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.1'))
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(0.00026799999999999047, 0.0002689361572265625)
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+++++
(0.380238, 1480276078.690988)
+++++
Request reached controller with destination mac as web-server and redirected to authenticator
('dpid of the ovs:', 116525511840)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.1'))
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(0.00020199999999997997, 0.0002028942108154297)
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Authentication in Controller:

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(0.25744, 1480278076.291079)
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Request reached controller with destination mac as web-server and authentication starts
('dpid of the ovs:', 116525511840)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.1'))
Authenticaton is done and it is a valid client
('dpid of the ovs:', 116525511840)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.1'))
('source MAC & Destination MAC', EthAddr('ec:f4:bb:a0:28:d1'), EthAddr('00:21:9b:da:76:b3'))
authenticated packet Broadcasting
Modifying flow-table
('dpid of the ovs:', 116525511840)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.1'))
('source MAC & Destination MAC', EthAddr('ec:f4:bb:a0:28:d1'), EthAddr('00:21:9b:da:76:b3'))
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+++++
(0.001195000000000016, 0.0011959075927734375)
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Authenticaton is done and it is a valid client
('dpid of the ovs:', 116526391948)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.255'))
('source MAC & Destination MAC', EthAddr('ec:f4:bb:a0:28:d1'), EthAddr('ff:ff:ff:ff:ff:ff'))
authenticated packet Broadcasting
Modifying flow-table
('dpid of the ovs:', 116526391948)
('source IP & Destination IP', IPAddr('192.168.2.4'), IPAddr('192.168.2.255'))
('source MAC & Destination MAC', EthAddr('ec:f4:bb:a0:28:d1'), EthAddr('ff:ff:ff:ff:ff:ff'))
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(0.26844, 1480278078.905116)
+++++
Request reached controller with destination mac as web-server and authentication starts
('dpid of the ovs:', 116526391948)
('source IP & Destination IP', IPAddr('192.168.2.3'), IPAddr('192.168.2.1'))
Authenticaton is done and it is a valid client
('dpid of the ovs:', 116526391948)
('source IP & Destination IP', IPAddr('192.168.2.3'), IPAddr('192.168.2.1'))
('source MAC & Destination MAC', EthAddr('00:50:b6:17:d5:40'), EthAddr('00:21:9b:da:76:b3'))
authenticated packet Broadcasting
Modifying flow-table
('dpid of the ovs:', 116526391948)
('source IP & Destination IP', IPAddr('192.168.2.3'), IPAddr('192.168.2.1'))
('source MAC & Destination MAC', EthAddr('00:50:b6:17:d5:40'), EthAddr('00:21:9b:da:76:b3'))
+++++
(0.0011410000000000031, 0.0011408329010009766)
+++++
Authenticaton is done and it is a valid client
('dpid of the ovs:', 116525511840)
('source IP & Destination IP', IPAddr('192.168.2.3'), IPAddr('192.168.2.255'))
('source MAC & Destination MAC', EthAddr('00:50:b6:17:d5:40'), EthAddr('ff:ff:ff:ff:ff:ff'))
authenticated packet Broadcasting
```