P14.

1. Router 3c learns about prefix x from 4c, 4c learns from 4a. Thus router 3c learns x from :

RIP -- eBGP.

1. Router 3a learns about prefix x from 3b, 3b learns from 3c. Thus router 3a learns x from:

RIP --- eBGP---OSPF

1. Router 1c learns x from 3a. Thus router 1c learns x from

RIP----eBGP---OSPF---eBGP.

1. Router 1d learns prefix x from 1c. Thus router 1d learns x from

RIP---eBGP---OSPF----eBGP----RIP