

EVALUATION DEPLOYMENT OPTIONS

LEAST INTRUSIVE “OUT OF BAND” DEPLOYMENT – (NO SSL DECRYPTION)



Tap Mode - Visibility

Tap mode deployment allows you to passively monitor traffic flows across a network by way of a switch SPAN or mirror port.

By dedicating an interface on the firewall as a tap mode interface and connecting it with a switch SPAN port, the switch SPAN port provides the firewall with the mirrored traffic. This provides application visibility within the network without being in the flow of network traffic.

Note : When deployed in tap mode, the firewall is not able to take action, such as blocking traffic or applying QoS traffic control.

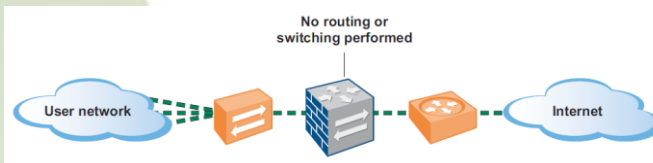


PARTIALLY INTRUSIVE – TRANSPARENT IN LINE DEPLOYMENT

(DEVICE HAS NO NETWORK IDENTITY)



DEFAULT VIRTUAL WIRE




Choose this option to:

- Simplify installation and configuration.
- Avoid configuration changes to surrounding network devices.

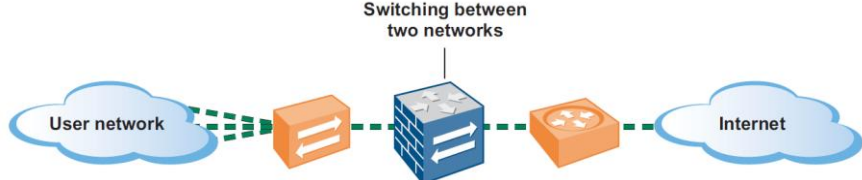
A virtual wire is the default configuration, and should be used only when no switching, routing, or Network Address Translation (NAT) is needed.



INLINE LAYER 2 DEPLOYMENT


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Layer 2 Deployment




The diagram illustrates a Layer 2 deployment. It shows a 'User network' cloud on the left connected to an orange firewall icon. The firewall is connected to a blue switch icon labeled 'Switching between two networks'. The switch is connected to another orange firewall icon, which is then connected to an 'Internet' cloud on the right.

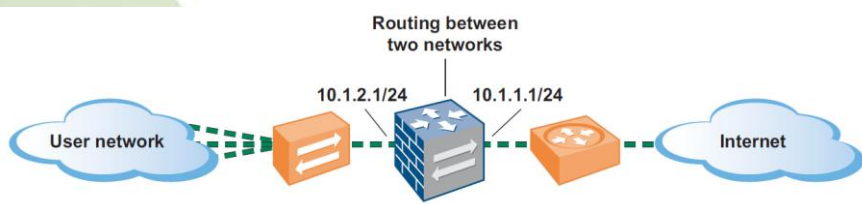
In a Layer 2 deployment, the firewall provides switching between two or more networks. Each group of interfaces must be assigned to a VLAN, and additional Layer 2 subinterfaces can be defined as needed. Choose this option when switching is required

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L3 - MODE THAT SUPPORTS ALL FEATURES INCLUDING NAT


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Layer 3 Deployment



The diagram illustrates a Layer 3 deployment. It shows a 'User network' cloud on the left connected to an orange firewall icon. The firewall is connected to a blue switch icon labeled 'Routing between two networks'. The switch is connected to another orange firewall icon, which is then connected to an 'Internet' cloud on the right. The switch has two IP addresses assigned to its interfaces: '10.1.2.1/24' on the left and '10.1.1.1/24' on the right.

In a Layer 3 deployment, the firewall routes traffic between multiple ports. An IP address must be assigned to each interface and a virtual router must be defined to route the traffic. Choose this option when routing or NAT is required.

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NOTE: If you are not planning to do a live performance test of the expected traffic against the evaluation unit, a unit with lower rating would suffice.