

Understanding Microsoft Lync Server 2010 Deployment Options

<https://campus.barracuda.com/doc/12189947/>

This article refers to firmware version 3.6.1.009 and higher running on a configured Barracuda Load Balancer 340 or higher.

For a list of requirements, refer to [Microsoft Lync Server 2010 Deployment](#).

Lync Server Front-End Server Deployment Options

As the servers in a Lync Server enterprise pool communicate with each other using the VIP address of the pool, create a TCP Proxy Service and associate the servers with it to facilitate this communication. The servers and the Barracuda Load Balancer must be deployed using a **one-armed** topology in either a single or multiple subnet configuration.

Deploying internal Lync pools using a two-armed Route-Path topology, Direct Server Return (DSR) or Bridge Mode **does not work** and is not supported.

Lync Edge Server Deployment Options

Load balanced Edge deployments are supported using either a **one-armed** Route-Path topology using a TCP Proxy Service or a **two-armed** Route-Path topology using a Layer 4 Service. For maximum performance, a two-armed Route-Path topology is recommended.

Bridge Mode and Direct Server Return deployments **do not work** and are not supported.

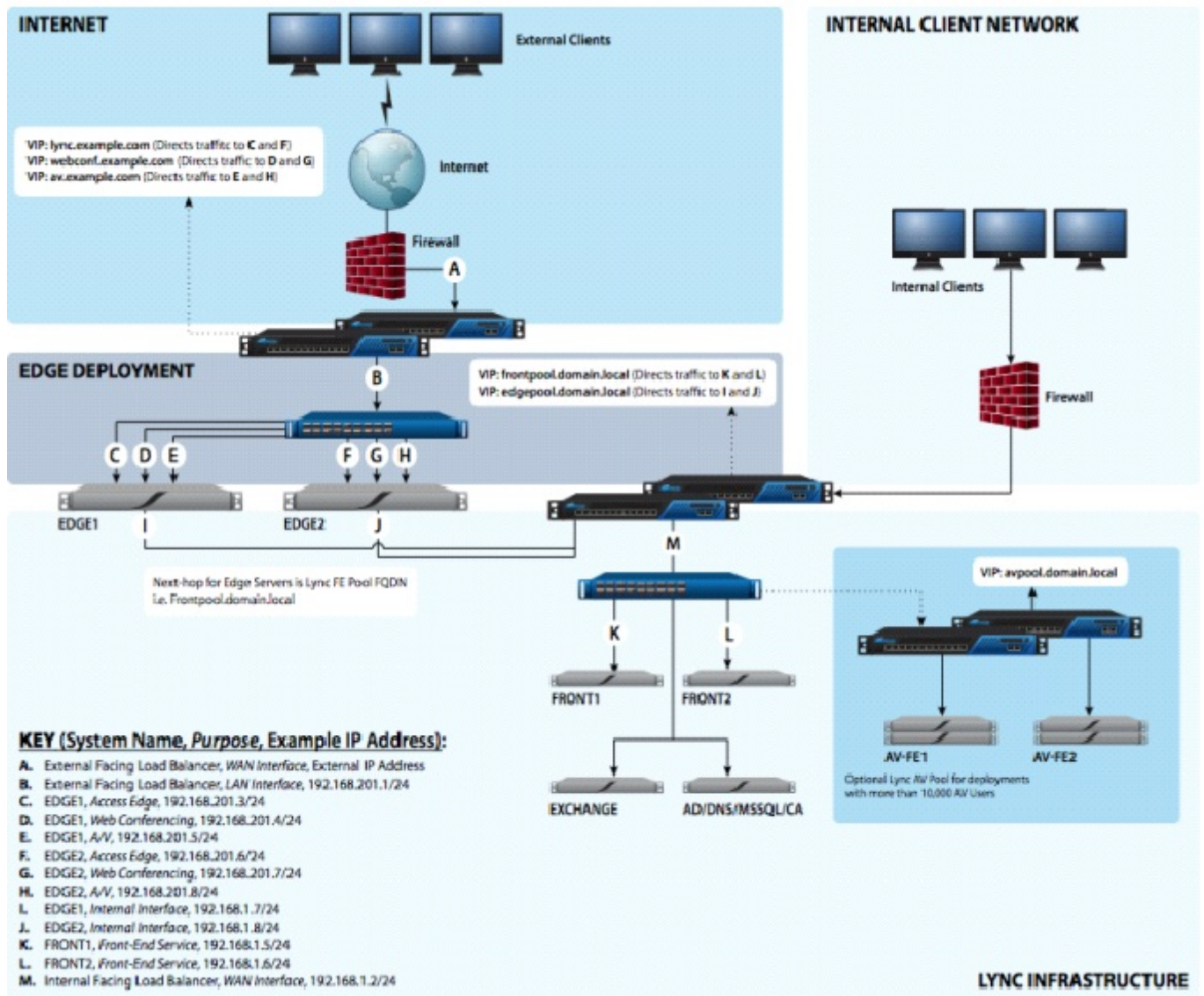
Deployment Options

Figure 1 shows an example of a complete Lync deployment with Barracuda Load Balancers. This example is referenced in the deployment tasks detailed in the sections that follow.

Note that in this example, the Edge deployment uses a two-armed topology while the Front-End

deployment uses a one-armed configuration.

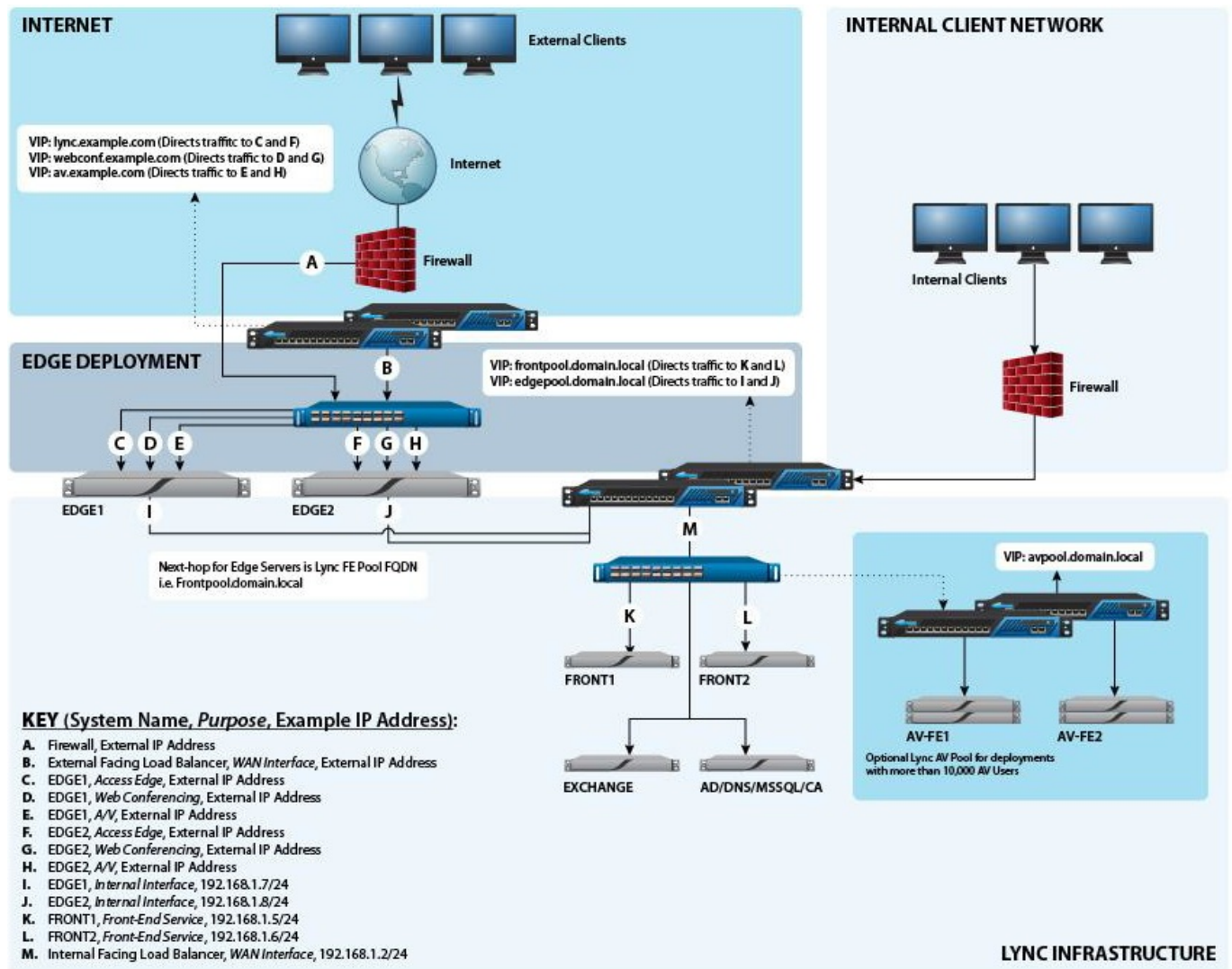
Figure 1. Lync Deployment Example.



The inbound firewall should not NAT inbound traffic addressed to the Edge deployment.

Figure 2 shows an example of a one-armed edge. This deployment example is very similar to the deployment shown in Figure 1, with the difference being that the Edge deployment uses a one-armed topology. Use the references in the deployment tasks in the following sections for both deployment examples.

Figure 2. Lync Deployment Example Using a One-Armed Topology.



Proceed to [How to Deploy with Microsoft Lync Server 2010](#) or deployment tasks required to deploy the Barracuda Load Balancer in a Lync Server 2010 environment.

Next Article

[How to Deploy with Microsoft Lync Server 2010](#)

Figures

1. deploy01.jpg
2. deploy02.jpg

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