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How To Run Linux Web Server / Service on Private IP Network

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Q. I've only one public IP address assigned by my ISP using metro Ethernet connection. eth0 has public IP and eth1 is connected to our network switch. How do I configure Linux box to forward traffic to my web server hosted at 192.168.1.100 IP address?

A. There are many ways to forward traffic from public IP to private IP:

[a] Use iptables to forward traffic between private [2] and public IPs. You can route traffic to certain machines on a DMZ for HTTP, HTTPS or SMTP service.

[1]

[b] Use reverse proxy software such as pound [3]. It accepts requests from HTTP / HTTPS clients and distributes them to one or more Web servers.

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URLs in this post:

[1] Image: **http://www.cyberciti.biz/faq/faq/category/networking/**
[2] iptables to forward traffic between private: **http://www.cyberciti.biz/faq/linux-demilitarized-zone-howto/**
[3] proxy software such as pound: **http://www.cyberciti.biz/faq/linux-http-https-reverse-proxy-load-balancer/**