DpRx Corporation

TeleClaim++ Administrator's Manual

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Chapter 1
Getting Started

Introduction

This manual is intended for the administrator who will be maintaining DpRx TeleClaim++ System. TeleClaim++ is a system for claims processing of pharmacy prescription drugs. It is the latest version of the original TeleClaim System originally written in the early 90's. Because of the emerging new technologies and infrastructure, it is practical to utilized these new technologies to optimized and bring down the cost of operation of a PBM (Pharmacy Benefits Management). Most of the software and utilities used in this system are open-source software, namely: Linux, Apache, Mysql, PHP, GNU C/C++, Openssl, Openssh, Phplib, etc.

Before you continue

It is also assumed that the administrator has some knowledge configuring Linux boxes on Operating System level, Apache Web Server, Mysql database server and other tools and utilities used in Unix. Some knowledge on a text editor (i.e. “joe” is a good free text editor) to edit configuration files.

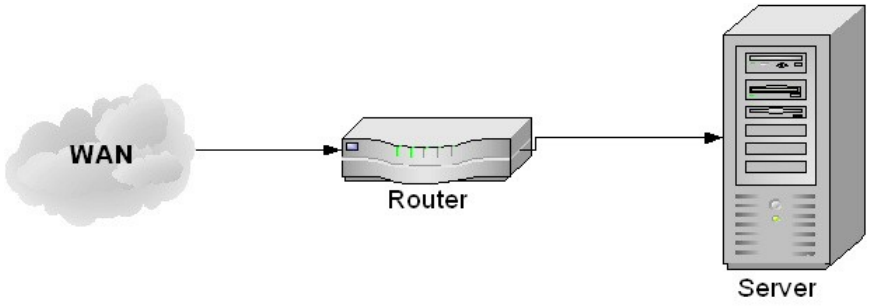
Chapter 2
Hardware Requirements

Hardware Basics

Intel based x86 platform is currently supported. We choose this hardware architecture since it is the most common and cheapest that a company can get. Instead of getting a main frame, sun sparc or proprietary UNIX boxes, an Intel based QUAD CPU is more affordable and cheaper to maintain. Specifically, you can run the whole system on one server with enough memory and hard drive space. Even a used server purchase from EBAY is sufficient enough. But to be able to run a scalable and efficient PBM system, one has to plan for the hardware implementation. A server farm consists of different server is recommended to distribute the tasks among the servers.

Basic Setup

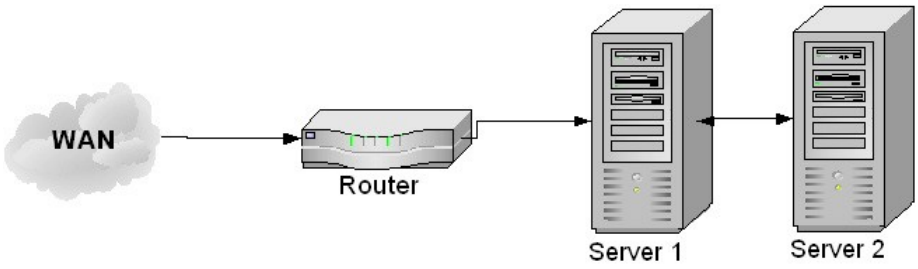
One server. This server takes up every process of the system. It runs the Web Server, Teleclaim++ server, Database Server and other support applications.



Medium Setup

Two Servers. First one is the same as the basic setup. The second server acts as a backup of database server. All the data are replicated on the 2nd server. The first server is used as the web server, TeleClaim++ server and database server.

This is just a step of the first one but with a degree of data availability. The disadvantage of this setup is if the application server (server 1) is down, server 2 becomes useless.



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