

# Chapter 2. The Red Hat Academy Classroom

## Hardware Minimum Requirements

### Classroom Server

Operating System	Red Hat Enterprise Linux 3 ES
Processor	Pentium Class 500 MHz (750 MHz Recommended)
RAM	256 Mbytes
Internet Bandwidth	1.5Mbs (DSL)
Internal Classroom Network	10Mbs Ethernet
Disk Space	10 Gigabytes

### Student Workstations

Operating System	Red Hat Enterprise Linux 3 ES
Processor	Pentium Class 500 MHz (750 MHz Recommended)
RAM	256 Mbytes
Internet Bandwidth <sup>a</sup>	1.5Mbs (DSL)
Internal Classroom Network	10Mbs Ethernet
Disk Space	4 Gigabytes
Notes: a. Student Stations may access the Internet using the Classroom Server as a masquerading router.	

## Local Network Requirements

### Minimum Solution

At a minimum, the Student Workstations should have Ethernet (10 Mbps) connections to the Classroom Server, and both the Classroom Server and Student Workstations should have Internet access. The Student Workstation's Domain Name Service (DNS) should be configured such that the non-fully-qualified hostname **rha-server** resolves to the Classroom Server.

Student Workstations must be able to connect to the HTTP/HTTPS service on the Classroom Server, and the Classroom Server must be able to connect to the SSH service on the Student Workstations.