

**Course Length:** 5 days

**Course Description:** The GL615 is an accelerated course combining the topics in the GL250 "Enterprise Linux Systems Administration", and the GL275 "Enterprise Linux Networking Services".

**Prerequisites:** Students should already be experienced Unix administrators. Fundamentals such as the Unix command line and how to edit files will not be covered in class. A good understanding of network concepts, the TCP/IP protocol suite, and basic Unix security is also assumed. The accelerated pace of this class makes it more difficult for unprepared students to keep up.

Less experienced students are encouraged to instead take the GL120 "Linux Fundamentals", GL250 "Enterprise Linux Systems Administration" or GL275 "Enterprise Linux Networking Services".

**Distributions:** Red Hat Enterprise Linux 6, CentOS 6

**Detailed description:**

1. Linux Hardware Discovery, Interaction, and Control
2. Boot Process and SysV Init
3. Software Maintenance
4. Filesystem Administration
5. LVM & RAID
6. Remote Storage Administration
7. User/Group Administration
8. Security Administration
9. Process Administration
10. Networking
11. The X Window System
12. BIND Concepts and Configuration
13. OpenLDAP
14. Using vsFTPD and Apache
15. Apache Security
16. The SQUID Proxy Server
17. Samba Concepts and Configuration
18. Postfix
19. Mail Services and Retrieval
20. Monitoring & Troubleshooting
21. Installing RHEL6