Red Hat Certified Specialist in Linux Performance Tuning

Red Hat

Online
Course

Course Modules

1. Use utilities to analyze system behavior
- Use utilities such as vmstat, iostat, mpstat, etc.,
- Use utilities such as Performance Co-Pilot (PCP)
- Use utilities such as dmesg, dmidecode, and sosreport

2. Monitor and alter kernel behavior
- Use /proc/sys, sysctl, and /sys
- Configure kernel behavior by altering module parameters

3. Analyze system and application performance
- Analyze system and application behavior using tools
- Configure systems to run SystemTap scripts
- Use the eBPF family of tools to diagnose sys & app behavior
- Multiple versions of applications that perform the same

4. Tune running systems
- Alter process priorities of both new and existing processes
- Select and configure tuned profiles
- Manage system resource usage using control groups

5. Tune memory utilization
- Configure systems to support alternate page sizes

6. Configure disk and file subsystems

- Select proper I/O scheduling algorithm
- Tune file system layout for a given use

7. Tune network performance

- Calculate network buffer sizes based on known quantities
- Set system buffer sizes based on those calculations

LEARN REMOTELY!!

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.

ZETLAN TECHNOLOGIES

www.zetlantech.com

For contact:+91 8680961847
+91 9600579474

Zetlan Technologies