Red Hat Certified
Specialist in
Linux Diagnostics
and Troubleshooting



# Online Course







## Why us?

- ✓ Flexible Schedule
- ✓ Peer Interaction
- ✓ Affordable Learning

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## Red Hat Certified Specialist in Linux Diagnostics and Troubleshooting

## **Course Modules**

## 1. Understand & employ general methods for troubleshooting

- o Collect system information to aid in troubleshooting
- o Consult documentation resources to aid in troubleshooting
- o Monitor systems for vital characteristics
- o Configure systems to send log messages to a centralized host

### 2. Diagnose and troubleshoot system start up issues

- o Identify and resolve service failures affecting boot
- o Regain root control of a system
- o Troubleshoot boot issues
- o Identify hardware and hardware problems
- o Manage kernel modules and their parameters

## 3. Diagnose and troubleshoot file system issues

- o Recover corrupted file systems
- o Recover mis-configured or broken LVM configurations
- o Recover data from encrypted file systems
- o Identify and fix iSCSI issues

#### 4. Resolve package management issues

- o Resolve package management dependency issues
- o Recover a corrupted RPM database
- o Identify and restore changed files

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#### 5. Troubleshoot and fix network connectivity issues

- o Use standard tools to verify network connectivity
- o Identify and fix network connectivity issues
- o Inspect network traffic to aid troubleshooting

#### 6. Diagnose application issues

- o Identify library dependencies for third-party software
- o Identify if an application suffers from memory leaks
- o Use standard tools to debug an application
- o Identify and fix issues related to SELinux

#### 7. Identify and fix authentication issues

- o Identify & fix pluggable authentication module (PAM) issues
- o Identify & fix LDAP and Kerberos identity management issues

## 8. Gather info to aid third party investigation of issues

- o Create kernel crashdumps
- o Compile and execute SystemTap modules











## LEARN REMOTELY!!

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



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