

**RED HAT
CERTIFIED**

SYSTEM
ADMINISTRATOR



Red Hat® Linux official Certificated Administration (RHCSA)

Rapid Track Course (RH199) with Exam Review for Red Hat® EX200

CONNECTION 裝備未來
TECHNOLOGY
FUTURE SKILLS

Course Fee: HK\$30,000 (May apply up to HK\$20,000 subsidy)

*Maximum saving, with the final grant subjects to approval.



This course allow participants to learn essential Red Hat® Enterprise Linux configuration, administration, and maintenance in a condensed format.

This course combines Red Hat® System Administration I (RH124) and Red Hat® System Administration II (RH134), reviewing the tasks at an accelerated pace.

This course relates to Red Hat® Enterprise Linux® and is designed for experienced Linux system administrators.

It is based on Red Hat® Enterprise Linux 8.2.

Programme code	10013224
Duration and time	5 days 9:30-17:00
Venue	1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong
Medium	Cantonese, supplemented with English terminology
Course fee	HK\$30,000 (May apply up to \$20,000* subsidy)
Prerequisites	You will be expected to already understood fundamental Linux computing concepts and be ready to practice the Red Hat® Enterprise Linux methods for performing system administration tasks. Significant field experience working with Linux as a system administrator is recommended.

Enrolment Methods

1. Scan the QR code to complete the enrolment and payment online OR
2. Mail the crossed cheque with payee name “Hong Kong Productivity Council” (in HK dollar) to HKPC Academy, Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Mr Desmond CHAN). Please indicate the course name and course code on the envelope.



[Enrolment Link](#)

Course Outline

- Log in to local and remote Linux systems, and investigate problem resolution methods provided through Red Hat Insights and support
- Copy, move, create, delete, and organize files while working from the bash shell
- Create, manage, and delete local users and groups and administer local password policies
- Set Linux file system permissions on files and to interpret the security effects of different permission settings
- Protect and manage the security of a server by using SELinux
- Evaluate and control processes, set tuning parameters, and adjust process scheduling priorities on a Red Hat Enterprise Linux system
- Download, install, update, and manage software packages from Red Hat and yum package repositories
- Create and manage storage devices, partitions, file systems, and swap spaces from the command line
- Control and monitor network services, system daemons, and the boot process using systemd
- Configure network interfaces and settings on Red Hat Enterprise Linux servers
- Locate and accurately interpret logs of system events for troubleshooting purposes
- Create and manage logical volumes containing file systems and swap spaces from the command line, and configure advanced storage features with Stratis and VDO
- Schedule tasks to automatically execute in the future
- Access network-attached storage, using the NFS protocol
- Control network connections to services using the system firewall and SELinux rules
- Obtain, run, and manage simple, lightweight services as containers on a single Red Hat Enterprise Linux server

Course Content Summary

- ❖ Package management with new repository structure and appstream modules
- ❖ Create storage devices, volumes, and file systems, including Stratis storage management
- ❖ Configure network services and security
- ❖ Manage processes, scheduling, and tuning
- ❖ Manage users, groups, and authentication
- ❖ Perform server management with the Cockpit web management utility
- ❖ Troubleshoot and obtain support
- ❖ Run containers

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Included at least 6 hours
intensive exam review and
lab exercises for preparing
to pass Red Hat[®] EX200

Award of Certificate of Accomplishment

Full Attendance will be awarded a Certificate of Accomplishment issued by the Hong Kong Productivity Council.

Assessment Certification

Participants will receive an exam voucher to attempt Red Hat[®] EX280 Exam. Red Hat[®] Certified Specialist in OpenShift[®] Administration certification require a minimum **passing score on the assessments.**

Speakers' Profile

Mr. Sunny CHAN has 14 years of post-education working experience. He became a Chief Software Architect of a Local software house for 7 years. Afterwards, he has switched to the domain of Cloud-related infrastructure and infrastructure as code with Red Hat[®] since 2015. Sunny has been working in Kubernetes for over 4 years.

Mr. Felix TSANG is BSc in Computer Science from the Chinese University of Hong Kong and is a Red Hat Certified Architect with expertise in cloud management and cloud computing technologies. He has rich experience in IaaS and PaaS solutions and has been working in Kubernetes for over 4 years.

Who Should Attend?

This course is geared towards Linux System Administrators, network administrators, and other system administrators who are interested in supplementing current skills or backstopping other team members, in addition to Linux system administrators who are responsible for these tasks:

- Configuring, installing, upgrading, and maintaining Linux systems using established standards and procedures
- Providing operational support
- Managing systems for monitoring system performance and availability
- Writing and deploying scripts for task automation and system administration

Special to HKCS members

- ❖ May enjoy up to HK\$300 Bookstore Coupon. **Promo Code: CS11HK2020**
- ❖ Can apply for the **certification of CPD hours**, this course hours will be counted. Please visit: <http://www.hkcs.org.hk/continuous-professional-development-cpd/> for your information about CPD Hours.

Bring Your Own Device (BYOD): Windows 7/10 / Mac OS 10.x or above with minimum 2 GB RAM and 20 GB hard disk

RTTP Training Grant Application

Companies should submit their RTTP training grant application for their employee(s) via <https://rttp.vtc.edu.hk/rttp/login> at least two weeks before course commencement. Alternatively, [application form](#) could be submitted by email to rttp@vtc.edu.hk along with supporting documents.

Supporting Organisations (In arbitrary order)

