

UNIX Certification

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Who

LPI

CompTIA

BSD Certification

Red Hat

Novell

IBM

Sun/Oracle

HP

SCO

What - LPI

Multi-vendor

Endorsed by Red Hat, Novell/SuSE, IBM, SGI, Turbolinux, HP, MandrakeSoft, Intel, etc.

LPIC-1: entry-level

LPIC-2: advanced, single-site

LPIC-3: enterprise system admin, with sub-specializations:

Mixed-environment; Security; High availability; Virtualization; Web and Intranet

Must have knowledge of all covered distros

What - CompTIA

Wide set of industry certifications:

A+, Network+, Security+, Server+, PDI+, RFID+,
CTP+, CTT+, CDIA+, Project+

All entry-level certifications

Linux+

Establishes baseline competency

Linux version of A+ (for hardware)

CompTIA®

What – BSD Certification

BSDcertification.org

Multi-distribution

DragonflyBSD, FreeBSD, NetBSD, OpenBSD

BSD Associate (BSDA): entry-level

BSD Professional (BSDP): advanced level, for senior administrators

Must have knowledge of all covered BSD flavours



What – Red Hat

Red Hat Certified System Administrator

Red Hat Certified Engineer (RHCE)

JBoss Certified Application Administrator

Red Hat Certified Virtualization Administrator

Red Hat Certificates of Expertise

Red Hat Certified Security Specialist

Red Hat Certified Datacenter Specialist

Red Hat Certified Architect

redhat

Novell / SuSE

Second-oldest certification program here (IBM and HP are older)

Novell Certified Linux Engineer 11

Novell is still fighting legal battles over the word "Engineer"

Certified Linux Administrator 11

Co-equivalent with CompTIA Linux+

Certified Linux Desktop Administrator 11

Certified Linux Professional 11



What - IBM

IBM Certified Systems Expert

IBM Certified Advanced Systems Expert

IBM Certified Operator

IBM Certified System Administrator

Defers to CompTIA and Red Hat for Linux
certifications



Sun/Oracle

Folded into Oracle University

Solaris

Oracle Certified Associate

Oracle Certified Professional (Solaris, Cluster)

Oracle Certified Expert (Network or Security)

Linux

Oracle Enterprise Linux Administrator Certified Associate

Oracle Enterprise Linux Certified Implementation Specialist

What - HP

Huge certification and training program!

Certified System Administrator: foundational

Certified System Expert: intermediate

Virtualization

Networking & Security

High Availability

What - SCO

Yes, it still exists...

SCO Certified System Administrator (CSA)

SCO Advanced Certified Engineer (ACE)

Use of the word "engineer" is regulated by law in most jurisdictions. You may not use the term in Manitoba unless you are also a P.Eng. accredited by APEGGM (or you drive a train for a living).

SCO Master ACE

Any ACE with certifies on both UnixWare and OpenServer

Where/When

Most of these certification programs use out-sourced proctored, computer-based exams

- VUE testing centers (4 in MB)

- ProMetric testing centers (3 in MB)

Others require a visit to a specific testing centre for supervised testing, and only on certain dates

- e.g. Red Hat RHCE exams are available in Canada only in Edmonton, Halifax, Montreal and Ottawa; Chicago and Shoreview (Minneapolis) are also easily reachable from here.

Why

Many UNIX professionals come from unobvious backgrounds (e.g. geology, music)

How does an employer assess expertise, without becoming a UNIX expert themselves?

Enhanced career mobility – upwards and sideways