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The Skills Needed to Be a Systems Administrator

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A systems administrator is responsible for operating and maintaining a computer system and a network. Systems Administrators install, maintain and support computer systems and servers. They respond to any service outages and other technical problems related to the network. The skills needed to become a systems administrator are varied and can be acquired through general experience, education and additional training.



A systems administrator maintains computer servers.

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Educational Background

Systems administrators should have approximately two years of college or equivalent post--high school education or experience. A degree in computer science or another technical field is preferred. Certificate programs are available for specialized areas depending on the operating system and tools used within an organization.

UNIX Systems Administrators

UNIX systems administrators must have skills in the C programming language and be competent with the UNIX system in general. They should be able to train users in complex topics and make presentations to internal groups. They should have skills in user documentation and have strong decision-making skills.

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Microsoft systems administrators need to be certified in Windows Servers. They should be able to configure Web services and server operating system services, and they should have experience in monitoring network infrastructures, applications, planning, and software/hardware installation.

Red Hat Linux Systems Administrators

Linux systems administrators should have advanced knowledge of the Linux operating system, cPanel/WHM control panel, bash and Perl shell scripting, Exim and Apache. Normally, they are also expected to understand HTML and PHP.

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Host Gator: Career Opportunities: Linux System Administrator I-III



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