



Job Title:	Cloud Systems Administrator		
Job ID:	513541		
Full/Part Time:	Full Time		
Regular/Temporary:	Regular		
Job Code:	0410 Operating System Analyst II		
Job Grade:	Expert		
Salary From:	\$4,372	Salary To:	\$7,400 If applicable
Department:	Information Systems & Technology		

Major Duties

Under general supervision, the Cloud Systems Administrator is responsible for the daily operations of all aspects of Enterprise Compute Infrastructure, which includes supporting the underlying Linux servers(physical/virtual), server virtualization and directory services. The incumbent provides operational support for on-premises storage area network and network-attached storage, and maintains these environments both on premises and in the public cloud (AWS, Azure, Google & others as they are utilized).

- Responsible for the deployment, maintenance, and operational sustainment of services, applications and workloads within a hybrid multi-site datacenter.
- Automates deployment of elastic, highly available and fault tolerant systems within the cloud computing environment, and adheres to the DevSecOps principle using CI/CD pipeline with GitHub Actions for infrastructure deployment.
- Identifies appropriate use of cloud operational best practices, estimates cloud costs and identifies operational cost control mechanisms.
- Performs other duties as assigned.

Qualifications

- Equivalent to a bachelor's degree from an accredited four0year college or university in a Computer Science,
- Computer Information Systems, Information Systems, Engineering, or a related field. Qualifying technical training and applied experience may be substituted for required education, on a year-for-year basis.
- 2 – 4 years of full-time, progressively field-related experience.
- Experience in enterprise server platforms, including two years of progressively responsible experience that includes administration of Red Hat Enterprise Linux and/or Oracle Linux servers, hardware, and software, including system modification, configurations, installations, evaluation, securing and system development.
- At least 12 months experience maintaining, deploying, securing, troubleshooting resources and infrastructure in IaaS cloud computing platforms such as Amazon Web Services, Microsoft Azure, Google Cloud, OpenStack, or equivalent with a solid understanding of cloud security principles and best practices; experience in automating tasks using a script or interpreted language such as bash, Perl, Python, or Java, and automation frameworks like Ansible, Vagrant, and Packer, preferred.
- Experience using any of infrastructure as code tools such as AWS CloudFormation or Terraform to automate deployment of cloud resources, preferred; exposure to DevSecOps principles using CI/CD pipeline with GitHub Actions, Jenkins, or other workflow automation tools for infrastructure deployment, preferred. Knowledge of using Git for code versioning, preferred.
- Exposure to monitoring and analytic tools such as Splunk, SolarWinds, Nagios, Zenoss, preferred.
- Experience installing, configuring, optimizing, and maintaining Linux based web server applications like Apache Web Server or Nginx.
- Certifications in AWS or Azure preferred; OR willingness to obtain AWS/Azure certification within a year.

Knowledge, Skills, & Abilities

- Proficiency in operating, configuring, maintaining, updating, and securing Linux based systems.
- Ability to debug complex technical problems with operating systems, applications, and networks.
- Ability and specialized skills to design, modify, install, evaluate hardware and system software; analyze data situations; reason logically and creatively; identify problems and draw conclusions; develop methods of processing data with computers.
- Functional knowledge of networking technologies, including TCP/IP, DNS, DHCP, routing and firewall configuration and operation.
- Knowledge of operating systems, knowledge of Bash, Python, or Perl. Solid understanding of complex system architectures and infrastructures, including experience with workflow, distribution, and analytics; experience with cloud architecture and understanding of core cloud networking components; and a proven knowledge of web, application, and database servers.
- Ability to accept general direction, triage ambiguous circumstances, and take action to resolve problems in which both the underlying issue and resolution are not readily apparent.
- Ability to perform advanced systems administration and integration in a distributed, networked, multi-vendor computing environment with extensive knowledge of internals of an operating system, computer hardware, and network technologies; demonstrated software development and maintenance experience in various programming languages to support systems operations, including coding and shell scripting languages.
- Demonstrated experience monitoring system resources and controlling usage in a production environment.
- Ability to juggle multiple tasks with varying priority levels and changing requirements; ability to work cooperatively with team members; skilled in writing concise, logical, and easy-to-understand system documentation; ability to record moderate to heavy levels of technical detail in an organized and reader-friendly fashion.
- Strong interpersonal skills required to interact effectively and appropriately with fellow colleagues and campus faculty, staff, and administrators in varying types of circumstances; Ability to interact with others and to communicate technical information to both technical and non-technical users.
- Ability to actively work to prevent cyber threats, perform usage trend analysis, implement security policies, and engage third-party vendors to make sure they are not allowing a lapse in security.
- Ability to perform Linux operating system patches to address security vulnerabilities using configuration management tools such as Ansible, Chef, or Puppet; Familiarity with infrastructure management tools such as Redhat Satellite, Spacewalk or Oracle Linux Manager to facilitate system software lifecycle under DTAP (Development, Test, Acceptance, and Production.)

Pay, Benefits, & Work Schedule

The university offers an excellent benefits package, including but not limited to; medical, dental, vision, retirement & savings, tuition waiver and more.

The salary range for this classification is: \$4,372 - \$10,792 per month.

The anticipated HIRING RANGE: \$4,372 - \$7,400 dependent upon qualifications and experience.

HOURS: Full-Time; 40 hours per week; Monday through Friday; may include evening and weekends.

REG: This is a Regular position with a one-year probationary period.

This position is currently hybrid (2 days in the office, 3 days remote); however, this is subject to change based on student and /or operational needs.

General Information

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

How to Apply

Candidates should apply by completing the CSUN on-line application utilizing http://bit.ly/HR_CSUN link and must attach a cover letter that addresses the qualifications above and a current resume, including names of three professional references. NOTE: Internal candidates should apply through the portal by accessing the View Job Openings/Apply link on the Human Resources/Employee pagelet.

Applications received through August 8, 2022, will be considered in the initial review and review of applications will continue until position is filled.

For more detailed information on the application and hiring process, please view the link below:
<http://www.csun.edu/careers/>

Equal Employment Opportunity

California State University, Northridge is an Affirmative Action/Equal Opportunity Employer. We consider applicants for employment without regard to race, color, religion, national origin, age, gender, gender identity/expression, sexual orientation, genetic information, medical condition, marital status, veteran status, or disability. Reasonable accommodations will be provided for applicants with disabilities who self-disclose by contacting Recruitment Services.

(8/4/22)