Job Title: Cloud Systems Administrator

Job ID: 7862

Full/Part Time: Full - Time

Regular/Temporary: Regular

Job Code: 0410

Job Grade: Career

Salary From: $4,372    Salary To: $10,478

Department: IT Systems - 8216

Major Duties
Under general supervision, the Cloud Systems Administrator is responsible for the deployment, management, and operational sustainment of services, applications and workloads within the institutional hybrid multi-site datacenters. The incumbent adheres to the DevOps lifecycle, using a suite of standard tools and practices; identifies appropriate use of cloud operational best practices; estimates cloud costs and identifies operational cost control mechanisms; is responsible for automating deployment of elastic, highly available and fault tolerant systems within the cloud computing environment; strategically migrates on-premises services, leveraging native cloud services and technologies where possible; identifies and mitigates threats to security posture of the computing infrastructure; collects data and reports to drive decision making; creates documentation, processes and standards that are easy to understand and reproducible by others; ensures alignment with the institutional priorities and divisional vision work alongside information security, application, web, emerging technologies and the infrastructure teams to support the transition and operation of services, applications and workloads in the cloud; is a part of 24/7 on-call rotation. Performs day-to-day operations (on-prem/cloud) inclusive of maintaining and monitoring server footprint and services; investigates and troubleshoots issues, repairing and recovering from hardware and software failures; coordinates and communicates with customers and management; provides recommendations and plans for system upgrades and improvements; is responsible for timely response to all incidents in Incident management; ensures systems are up-to-date with regular Operating System and security patches; installs new/rebuilding existing servers and configuring hardware, peripherals, services, settings, directories, storage, etc. in accordance with standards and project/operational requirements; creates and maintains detailed documentation on all managed environments; installs new/rebuilds existing servers and configuring hardware, peripherals, services, settings, directories, storage, etc. in accordance with standards and project/operational requirements; creates and maintains detailed documentation on all managed environments; and performs other duties as assigned.

Qualifications
Equivalent to graduation from an accredited four-year college or university in a job-related field. Additional qualifying technical training and applied experience may be substituted for required education, on a year-for-year basis. Three (3) years of full-time, progressively field-related experience including two (2) years of progressively responsible experience that includes administration of Microsoft servers, hardware and software, including system modification, installations, evaluation, and system development and one (1) year of experience interacting with a cloud computing platform such as Amazon Web Services, Microsoft Azure, Google Cloud, OpenStack, or equivalent, especially using command line interfaces. Experience in automating tasks using a script or interpreted language such as bash, PowerShell, Perl, Python, or Java, and automation frameworks like Terraform, Vagrant, and Packer Experience using any of AWS CloudFormations, OpenStack Heat, Azure Resource Templates, or Google Deployment to automate deployment of cloud resources. Experience in Azure, AWS, Google, APIs, Orchestration and automation, core AWS infrastructure technologies, Red Hat/Debian Linux, Solaris, VMware ESX, Python, Perl, Bash, General understanding of databases (Oracle, MySQL), monitoring (Big Brother, GFI, Splunk). Experience deploying web application frameworks, such as Node.js, Django, Zope, or Rails is a plus.
Knowledge, Skills, & Abilities
Thoroughly proficient in operating within a Unix or Linux environment with networking. Exposure to monitoring and analytic tools such as Splunk, SolarWinds, Naigos, Zenoss. Knowledge of any of the following a plus: SAML, LDAP, Apache, nginx, Ansible, PostGreSQL, json, yaml, mqtt. Solid understanding of complex system architectures and infrastructures, including experience with workflow, distribution, and analytics. Experience with cloud architecture and proven knowledge of web servers, application servers, accelerators, routers and caching devices a plus. 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. Proven ability to perform advanced systems administration and integration in a distributed, networked, multi-vendor computing environment with extensive knowledge of internal 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. This position will require a high level of organization, excellent communication skills, strong analytical and problem solving skills, detail-oriented, strong work ethic, high standard of excellence and the ability to prioritize projects in a dynamic environment. Development of, and adherence to policies and procedures and standards is expected.

Pay, Benefits, & Work Schedule
The university offers an excellent benefits package.

The salary range for this classification is: $4372 - $10478 per month.
The anticipated HIRING RANGE: $4372 - $7500, dependent upon qualifications and experience.

HOURS: Full Time; 40 hours per week; 8:00am - 5:00pm, Monday through Friday; will include some evenings and weekends.

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.

Initial review begins September 25, 2018 and 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.

(9/14/18)