
AWS System Architect - Linux

Lucidus Solutions, LLC ("Lucidus") is an Information Technology company dedicated to the management and support of its clients as a trusted partner and advisor with the resources and expertise to meet their needs. Lucidus has the experience and tools to find simple, practical, creative and innovative solutions to meet the business demands of our clients. The team has developed a reputation for providing exceptional support with an emphasis on excellent customer service.

Send resumes to careers@lucidus.com to apply.

Project Description

The team works on advanced bioinformatics technology programs that focused in the support of precision-based medical trials for the National Cancer Institute in **Rockville, Maryland**. The project is organized into cross-functional teams that work closely with stakeholders, developers, QA Engineers, Product Managers, and designers to build state-of-the-art portfolio of exploratory projects that are inherently multidisciplinary that impact cancer research and treatment.

Position Description

The full-time **Amazon Web Service (AWS) System Architect** will work directly with management and the development team to design, configure, support cloud deployment, setup and manage continuous integration pipeline, and administer Linux environments. The position is ideal for talented architect who is interested in working in an exciting, growth environment among people passionate about advanced technologies in fight against the cancer.

Responsibilities

- Design, configure, manage, and maintain the deployment and operations in Amazon EC2, AWS, VPC, S3, and Elastic Search services
- Architect, configure and support continuous integration and application deployment into Docker containers
- Provide ongoing administration and support for Linux (CentOS) systems
- Collaborate with development team to configure and manage iRODS or other distributed data management systems
- Provide day-to-day support of applications and services, resolve functional and performance issues
- Work concurrently on multiple projects
- Be a part of development team to create practical solutions in Agile environment

Required Qualifications

- Excited about creating the cutting-edge environment for scientific applications
- Experience in architecting network and server solutions
- A minimum of eight (8) years of experience in setting up and maintaining Linux servers (CentOS, RedHat, Amazon), services and applications (NGINX, MongoDB, Elastic Beanstalk, EC2, VPC)
- Experience in design of application deployment and operations in Amazon Cloud environment
- Strong familiarity with the installation and configuration of Docker, EC2, or other virtual containers
- Amazon AWS experience, including EC2, S3/Glacier, Route53, VPC, EBS and Security Groups
- AWS CLI experience
- Excellent problem solving skills

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- Take ownership and work independently on assigned tasks with little supervision
 - Strong communication (written and verbal) and interpersonal skills Bachelor's degree in Computer Science, Information Systems, Engineering or equivalent years of experience in lieu of degree
 - Must be able to obtain Public Trust security clearance

Preferred Qualifications

- Experience with Continuous Integration and deployment environments
- Strong *nix scripting experience of some kind (bash, perl, Python, or PHP) is a plus
- Knowledge of networking and security configuration and tools, including load-balancing, firewalling and switches and network segmentation
- Experience with iRODS or other distributed data management systems
- Ability in formulating and implementing IT solutions to meet business requirements

Benefits Summary

- Competitive base salary plus bonus
- Paid time off
- Ten paid holidays
- Medical Insurance
- Health Savings Account
- Retirement benefits with employer contributions
- Dependent Care Flexible Spending Account
- Life Insurance, Short and Long Term disability