



معهد قطر لبحوث الحوسبة
Qatar Computing Research Institute

عضو في مؤسسة قطر
Member of Qatar Foundation

System Support Engineer– IT/Computing Infrastructure

Qatar Computing Research Institute (QCRI) is seeking candidates for System Support Engineer to work within the Infrastructure team.

Job Description:

- System Support Engineers are expected to work with the infrastructure team in an effort to support and help build QCRI's research infrastructure, providing critical technical support, systems administration and operation, and incident response and management; including monitoring and management of communications during high impact events and close collaboration with level-two and level-three resolvers.
- System Support Engineers are expected to automate systems administration tasks through creation and maintenance of scripts and tools, internal and external DNS management, troubleshooting a Windows/Linux operating system, network, storage, web server, proxy, and load balancer issues.
- System Support Engineers are expected to competently operate and troubleshoot Linux servers, VMware Cloud Infrastructure, and storage servers. They are also expected to create and review documentation and process, mentor junior staff in Linux/VMware system administration, and assist in the formulation and execution of a structured training plan.

Requirements:

- BSc in computer science or a related field from a top-tier institution; MSc is a plus.
- Strong technical record in positions related to operation and support of Linux and virtualization infrastructure.
- Extremely sound knowledge of Linux and TCP/IP network fundamentals.
- Solid knowledge of virtualization technologies (VMware preferred).
- Experience with NFS and storage servers such as EMC, NetApp, IBM, or HP.
- Certification in Linux, virtualization, networking, or storage is a plus.
- Configuration and maintenance of common applications such as Apache, memcached, Squid, MySQL, NFS, DHCP, NTP, SSH, DNS, and SNMP.
- Ability to code very well in at least one high level or scripting language, and to rapidly learn new languages, software, frameworks, and APIs.
- Sharp and tenacious troubleshooting skills: you can fix anything.
- Ability to perform 'guerrilla capacity planning' for internet service architectures.
- Good knowledge of large-scale service architectures (such as load balancing, LAMP, CDN's).
- Ability to operate in a dynamic environment that is changing at a fast pace.
- Good communications skills.
- Detail-oriented and exercises caution, as needed.
- Excellent documentation skills.
- Adaptive and quick learner of new technologies.

Research at QCRI:

[QCRI](#) supports Qatar Foundation's mission by helping to build Qatar's innovation and technology capacity. It is focused on tackling large-scale computing challenges that address national priorities for growth and development. Moreover, QCRI is a national research institute conducting world-class applied computing research that transforms the way we interact with each other, enables new discoveries, and accelerates development of society.

A proud member of [Qatar Foundation for Education, Science and Community Development](#), QCRI is building a multidisciplinary research group in computer science with passion for innovation and excellence in research. The QCRI research program offers a collaborative, multidisciplinary team environment, endowed with a comprehensive support infrastructure. QCRI has world-class computing infrastructure that supports this research program and facilitates the development of prototypes and solutions that are delivered to partners and end users.

Research in Qatar:

Qatar has made a commitment to be a leading center for research and development excellence and innovation. Home to a globally regarded scientific research funding organization, a world-class hub for technology innovation and commercialization, and prominent research institutes operating at the frontiers of science, Qatar Foundation Research and Development is spearheading a national endeavour to fulfil this commitment.

The country is home to branch campuses of numerous world-renowned universities such as Carnegie Mellon University, Texas A&M University and Georgetown University, major oil and gas companies, telecommunication companies, and international media organizations such as Al Jazeera. These local Institutions offer opportunities for research collaboration to tackle new computing research challenges of practical importance.

Package:

QCRI offers a unique opportunity for strong research careers and a highly competitive compensation package including attractive tax-free salary and additional benefits such as furnished accommodation, excellent medical insurance, annual paid leave, and more.

To apply, please email your CV to Zeeshan@qf.org.qa

