UNITED STATES DISTRICT COURT
DISTRICT OF MARYLAND
VACANCY ANNOUNCEMENT

POSITION: Systems Engineer
SALARY: CL 27/28 ($49,975 - 97,366)*
Based upon Qualifications
*Incumbent will be compensated under the new Court Compensation system

OPENING DATE: May 10, 2012
CLOSING DATE: May 24, 2012**
DUTY STATION: Baltimore, Maryland
(with travel to other locations in the District and after hours support)

The Clerk of the United States District Court for the District of Maryland is seeking qualified applicants for the position of Systems Engineer to meet the current and emerging network support needs of the court. The Systems Engineer provides systems analysis, design, development, modification, implementation and support of network infrastructure, Microsoft Windows servers and applications. The IT team supports 200+ users at two main locations, Baltimore and Greenbelt, and one satellite office in Salisbury. The backbone consists of Cisco core and access switches, CAT 5/6 Ethernet and fiber cabling. The enterprise solution is Active Directory, VMware, NetApp, Lotus Notes, Microsoft Windows Server 2003 and 2008, Red Hat Linux, with XP/ Mac workstations. The Court is constantly expanding its automation strategies to better meet the needs of its internal and external customers. If you enjoy the challenge of jumping into the new projects, providing solid reliable systems, and helping to shape next generation IT solutions, our dynamic team may be the perfect fit.

Duties include, but are not limited, to the following:

- Responsible for requirements gathering, designing, building, deploying, troubleshooting, backup and patch management of new and legacy Microsoft Windows-based solutions.
- Responsible for Microsoft Active Directory in a mixed computing environment of Microsoft Windows, UNIX, Linux and Apple Operating Systems.
- Manage data backup for all servers and ensure that cyclical replacement strategy for server environment is followed.
- Responsible for maintaining and supporting Lotus Notes email server and account administration.
- Participate in the development, testing and implementation of disaster recovery procedures for critical systems to ensure continuous operations of court systems. Ensure that all systems are designed, maintained, and operated to meet local and national standards.
- Monitor the equipment and processes in the data center to ensure proper usability and to identify system failures. Recommend, configure, and install pro-active monitoring tools. Document and diagram server structures and external processes.
- Assist in the implementation of computer security measures to safeguard technology and court information. Develop and perform intrusion detection to verify effectiveness of security.
- Serve as the technical expert on anti-malware strategies, patch management, and vulnerability assessment techniques.
- Provide routine reports on server availability and maintenance.
- Provide the entire user community and/or colleagues with professional, technical training in all areas concerning servers and their operating systems, including all relevant software, tools, and utilities. Provide tier three level technical support as assigned.
- Provide support for BlackBerry, iPhone, and iPad mobile devices.
- Manage VMware vSphere 4 environment.
- Manage NetApp FAS 2040 storage systems.
- Provide local tier two support for Cisco VOIP system.

Qualifications and Requirements:

<u>Required:</u>

- Three years general experience, i.e. progressively responsible experience related to the technical aspects of data processing, office automation, and data communications and their applications, terminology and methodology, including the accomplishment of computer project assignments that involved systems analysis, design, programming, implementation, integration, and management.

- Three or more years of professional Active Directory support with specialization in the following areas: Active Directory Forests, Trees, Domains, Group Policies, DNS, and Microsoft Windows naming constructs.
- MCSE or MCITP current certification.
- Ability to successfully implement hardening of the server infrastructure in appropriate server roles. Thorough understanding of Active Directory DC design, Schema, OU design, replication technology, and DC backup/restore procedures.
- Experience in and knowledge of managing backup and storage areas using Symantec Backup Exec virus and vulnerability protection.
- Experience maintaining a VMware and SAN environment.
- Experience with Cisco enterprise-class wireless access points and wireless controllers.
- Experience ensuring the 24-7 availability of an agency-wide network.
- Self-starter with demonstrated analytical and problem solving skills, professional demeanor, and ability to exercise sound judgment. Excellent interpersonal and communication skills, both oral and written, including skill in advising and training non-automation personnel in automation techniques and processes, compiling technical documentation such as diagrams and network topologies and communicating technical concepts and issues in non-technical terms. Excellent organizational skills, including ability to manage multiple high impact projects and priorities within strict deadlines in a fast paced environment.

Preferred:

- Bachelor's Degree in Computer Science (or related field) strongly preferred.
- Knowledge of and experience with design, implementation and maintenance of server virtualization, VOIP systems, Altiris deployment solution.
- Scripting experience for automation and administration using standard technologies such as Batch, ADSI, VBS, VB, .NET.
- Familiarity with Microsoft Server 2008, Microsoft Windows 7, and experience administering agency-wide email system.
- One or more of the following certification(s) preferred: Network +, CCNA, CCSP, CISSP, SSCP, GSE, Security + or VCP.

How to apply:

Submit resume, salary history, list of certifications and narrative described below to:
jobs@mdd.uscourts.gov

NOTE: Incomplete applications will not be considered.

In a separate document: Describe, in narrative form, your experience/education as it relates directly to each of the following three factors. Caption each narration with the statement as it is shown below.

1. Technical: knowledge of and experience gathering, designing, building, deploying, troubleshooting, backup and patch management of Microsoft Windows-based solutions.

2. Technical: knowledge of and experience with Microsoft Active Directory.

3. Technical: knowledge of and experience with data center concepts (temperature requirements, set-up protocol, server virtualization, security, etc.) and network support and troubleshooting.

****To ensure consideration, applications must be received at the above email address on or before 5:00 p.m. EST on May 24, 2012 although resume review and interviews may begin prior to the closing date.**

Due to the volume of applications received, the Court will only communicate with those individuals invited for an interview.

Applicants must be U. S. citizens or eligible to work in the United States. The United States District Court is an Equal Opportunity Employer. All applications will be reviewed to identify the best qualified candidates. Successful candidate for this position is subject to a full fingerprint and background records check, a six-month probationary period, and mandatory electronic direct deposit of salary payment.