

Lawrence Kearney

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Work History:

The University of Georgia, Enterprise Information Technology Services, Athens, GA

January 2015 - Present

System Administrator Principal

- Shared responsibility for systems administration of GACRC HPC Linux clusters
- Shared responsibility for systems administration of ancillary (non-HPC) Linux servers
- Network storage systems administration
- Responsible for systems administration of servers and storage related to special projects
- Document storage systems administration routines, operations and procedures
- Design and integration of LDAP, SASL/Kerberos authentication infrastructures
- Integration of Microsoft Windows Active Directory and Linux infrastructures
- Administer departmental GACRC VMware environment
- Maintain departmental GACRC administrative services (MySQL, Web, mail, etc.)
- Liaison to UGA enterprise Network Operations Center for GACRC networking issues
- Liaison to UGA enterprise Information Security Office for GACRC firewall administration issues
- Document system administration routines, operations and procedures
- Evaluate, test, and recommend innovations from emerging technology field for GACRC adoption
- Direct divisional standards development and documentation efforts for enterprise services
- Participates in technical discussions and evaluations of HPC, storage and related products and services to fulfill the GACRC mission and enable its continued growth

Augusta University, Information Technology Services, Augusta, GA

May 1997 - October 2014

System Support Engineer I, II, III

- Senior engineer responsible for the installation, administration and patching of OES Linux, SUSE, Red Hat and Windows file servers in the academic and clinical enterprise environment
- Senior engineer and team lead responsible for identifying and resolving systemic issues with managed systems, and escalating issues to appropriate internal resources or vendor support tiers
- Management of directory service and identity management services
- Expertise in Novell eDirectory and Microsoft Active Directory application integration
- Design and integration of LDAP and Kerberos authentication infrastructures
- Integration of Microsoft Windows Active Directory and Linux infrastructures
- Management of enterprise email systems and web servers
- Deployment of clustering and high availability services on multiple platforms
- Experience in the use and administration of enterprise backup and restoration services
- Experience in enterprise switching, routing and network traffic shaping implementations
- Experience in enterprise information technology security procedures and firewall administration
- Utilization of VMware ESX virtualization technologies to provide development, high availability, and disaster recovery environments for servers and enterprise services
- Management and implementation of data center design and standards updates
- Directed divisional standards development and documentation efforts for enterprise services
- Provide upper tier support and mentoring for Oracle and SQL database and application administrators, junior system administrators and technicians
- Continuing participation in beta programs to assess emerging technologies for organizational use
- Production of written and multimedia training materials for organizational and extra-organizational use

Education:

Associate Degree in Computer Engineering Technology
Associate Degree in Electronic Engineering Technology

Industry and Academic Recognition:

International industry and academic conference presentation and participation
Articles published in international technology periodicals
Technology Transfer Partnership Advisory Board for Higher Education in the Americas

Professional Skill Sets:

Internet protocols (i.e. TCP/IP, SMB, CIFS, NFS, NTP, DNS, HTTP, FTP, SMTP, iSCSI)
Security protocols (i.e. SSSD, SSL, TLS, SASL, SSH, SCP)
OES Linux 1.x – 11.x Administrator
SUSE Enterprise Linux 9.x – 12.x Administrator
Red Hat Enterprise Linux 5.x – 7.x Administrator
Windows 2003 - 2008 R2 Administrator
Software Managed Storage Administrator
VMware Technical Sales Professional
Enterprise System and Service Architecture Specialist
Datacenter Technical Specialist
Workgroup Technical Specialist
End User Computing Technical Specialist