Alabama Supercomputer Authority
ASA

Position: Senior Network Engineer
Reports to: Chief Technical Officer (CTO)
Location: Alabama Supercomputer Center- Huntsville
Pay range: $72,840.00 - $122,846.00
Deadline: Until Filled

General Description

This position will provide technical leadership for network engineering and administration of ASA's statewide network, infrastructure, and related Internet services. The Senior Network Engineer is responsible for engineering, design, and planning to achieve network performance, security, and scalability for network growth and state education applications. Employees in this class are responsible for working independently and providing technical direction to other technical staff members and have specialization in network engineering.

Responsibilities

- Design and implement network architectures for wide area networks (WAN) and local area networks (LAN), including cloud, hybrid, and wireless environments.
- Design, implement, and deliver reliable and secure network services to institutional clients.
- Troubleshoot and resolve network service outages, performance bottlenecks, and hardware / software / configuration issues.
- Implement and manage network performance metrics with the goal of ensuring minimal services disruption.
- Track and analyze network utilization patterns, including bandwidth utilization and applications requirements.
- Perform technical planning, design, implementation, and support of network related projects.
- Provide leadership in networking technologies, hardware, protocols, and applications.
- Evaluate processes, infrastructure, and technologies and present recommendations to executive management.
- Recommend updates or changes to the network to meet anticipated future demands.
- Track and participate in community technical projects such as Internet2 and Transit Rail.
- Provide mentorship in network technologies, hardware, and protocols to other team members and clients.
- Make presentations to high level clients and stakeholders.

Minimum Requirements

- Bachelor's degree in engineering from an accredited* college or university in Information Technology or equivalent experience.

- Five (5) years of experience in the design and operation of wide area networks.