

Job Title: Satellite Ground System Administrator (Level 2/3)

Job Location: Colorado Springs, Colorado

Security Clearance: DOD SECRET

Clearance Status: Must have existing active clearance



Job Summary:

Responsible for installing, maintaining, and troubleshooting both classified and unclassified test environments related to the Global SATCOM Configuration Control Element (GSCCE). The GSCCE is composed of a suite of virtualized command and control software products that perform the payload control mission for the fleet of on-orbit Wideband Global SATCOM (WGS) satellites. The product suite includes a mix of both Windows and Linux virtual machines hosted on a Flexpod infrastructure of Cisco UCS computing, Cisco networking, NetApp storage, and Vmware virtualization. Environment maintenance tasks are comprehensive across all elements of the hardware, virtualization, and software layers. The System Administrator installs software and firmware upgrades, troubleshoots issues to ensure environment availability to the development and test teams, and helps the cybersecurity team assess and mitigate vulnerabilities. The position may require periodic travel to customer sites, both domestic and international, to assist in upgrades of operational systems.

Primary Responsibilities:

- Install hardware and software upgrades into GSCCE test environments
- Maintain operational availability of the GSCCE systems in each environment
- Troubleshoot and fix problems that affect the availability of system components
- Perform cybersecurity assessments
- Assist in the documentation of installation procedures
- Interact and collaborate with a diverse group of engineers within an Agile/Scrum development team using Jira for task management
- Write software scripts and automation tools
- May require occasional travel to customer sites

Required Qualifications:

- Active U.S. Government SECRET security clearance
- Experienced Windows and Linux system administration skills
- Experienced Vmware vSphere system administration skills
- Good verbal, written, communication, and interpersonal skills
- Ability to interface with internal and external customers
- Ability to work independently as well as within a team
- Ability to isolate and resolve complex problems, identify workarounds, and implement and document corrective actions

Preferred Qualifications:

- Existing experience with the GSCCE or related government systems
- Existing experience with the specific layers of a Flexpod infrastructure
- Prior experience in space systems and Satellite Communications a plus
- Prior cybersecurity experience a plus
- Prior experience with developing PowerShell scripts a plus

Educational Requirements:

- *Engineer Level 2:* Bachelor's degree and 3 or more years relevant experience, Master's degree and relevant experience, or 6 or more years relevant military satellite communications experience
- *Engineer Level 3:* Bachelor's degree and 7 or more years relevant experience, Master's degree and 4 or more years relevant experience, or 10 or more years relevant military satellite communications experience

(Degrees must be from an accredited course of study in engineering, computer science, mathematics, or physics)

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