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# Example of NOC Engineer Job Description

Our company is growing rapidly and is looking for a NOC engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for NOC engineer

* Helping collect network data to validate assumptions
* Providing real-time communication internally and externally
* Fully automated unit tests as per Jasper Software Standards
* Working with wireless carrier partners to help identify interactions between their network, the Jasper network, and customers’ devices
* Self-starter with the potential to collaborate directly with designers, developers, program managers and network quality testers
* Troubleshoots and recommends improvements to network including operating systems and related software and provides tactical and strategic input to overall network planning and related projects
* Responsible for working with vendors and resolving network outages in a timely fashion in order to meet internal SLAs and / or Metrics
* Navigate technical groups (infrastructure, security, middleware, architecture, IT Planning, ) to determine the correct criteria for defining and implementing solutions)
* Provide technical support and assistance to USPS other Federal Government Customers
* Outage response, high-level systems analysis, evaluation, documentation, and implementation requiring a thorough knowledge of administrative and technical skills related to the IEN/VoIP platform

## Qualifications for NOC engineer

* Develop and implement deployment, activation, and qualification procedures for regional and metro DWDM networks including test and troubleshooting procedures
* Analyze performance characteristics of optical networks supporting DOCSIS, VoIP and other multimedia services
* Create and execute operations and maintenance procedures for optical networks
* Cross-train with the various engineering and integration teams to develop an in-depth understanding of the technologies and architectures used within Time Warner Cable organization
* Provide guidance, support, and review for designing, specifying, modeling and engineering optical transport systems
* CCNA or equivalent experience (CCNA/CCDP/CCVP preferred) or equivalent / related vendor certification