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# Example of Virtual Systems Engineer Job Description

Our innovative and growing company is searching for experienced candidates for the position of virtual systems engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for virtual systems engineer

* Developing new simulations and graphical solutions to complex engineering problems using MATLAB/COMSOL/EDSA/SKM and/or other engineering design tools
* Managing National Change Proposals, the Configuration Control Board process, and departmental website
* Ensure team provides Request fulfillment VDI and Printing related to virtual desktops
* Provide oversight of patching VDI environment
* Responsible for the testing and integration of new technologies to ensure operational stability
* Provide capacity planning and demand management of the VDI environment including working with teams and vendors to ensure software and hardware needs are met
* Drive and enable the team to manage incidents/tickets for 3rd level engineers in VDI/Citrix/Printing
* Assist in the management of ticket queues
* Provide input and root cause analysis to the Problem management process for VDI, Printing, and Citrix
* Provide daily Health Checks and System Maintenance

## Qualifications for virtual systems engineer

* Familiar with virtual environments (VMWare, CITRIX, HyperV)
* Conceptual knowledge of internetworking concepts and of virtualization technologies
* Knowledge of IT security concepts and practices is essential
* Experience in installation, configuration and maintenance of Dell servers and storage devices
* Experience with NGA programs and facilities are desired
* Bachelor’s degree in engineering field (Electrical, Mechanical, Computer)