

# 7 MUST HAVES

## FOR NETWORK ENGINEERS

The IT landscape is evolving and NetOps is being pushed to the forefront of enterprise networks. Engineers today must have a depth of knowledge in multiple disciplines to successfully transition with the deployment of new technologies. Here is everything you need to in your toolkit to develop a new set of skills, allowing you to be proficient in development and operations.



### Learn A Language

Command line interface is a necessity for automating your programs and processes. Get skilled with scripting in Powershell, UNIX and Python.

### Understand Linux

Installing a Linux distribution like Ubuntu, free and open sourced, on your virtual environment or desktop allows you to experiment, collaborate and will give you a consistent OS experience.

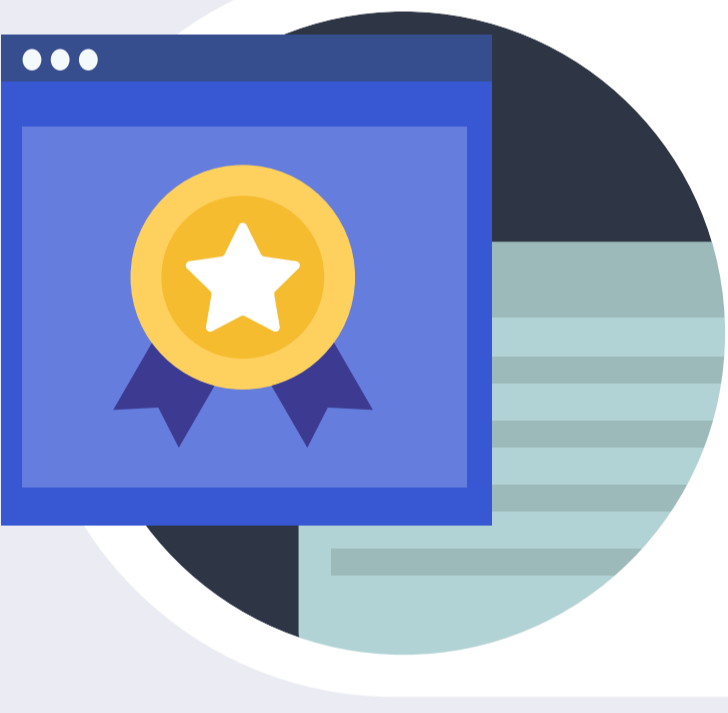


### Code In Different Editors

You'll be working with various teams, all using different code editors. Become well versed on ones like Eclipse, Vim and Atom to blend.

### Streamline Version Control

GIT isn't just for code, it also can be used to manage configurations and scripts in fast paced projects.



### Get Certified

Increase your overall value by continually learning with certifications. Some most valuable TO advancing your engineering role are the Cisco Certified Network Professional (CCNP), Cisco Certified Network Associate Security (CCNA) and CompTIA+ Network.

### Test Constantly

Testing is a critical skill, with continuous integration and development pipeline a main staple of software development. It's important to understand different methodologies used when testing units, user acceptance and systems.



### Get To Know Containers

Understanding container platforms, like Docker and Kubernetes, allows you to learn all the different ways they can be leveraged. Some include, lifting applications into modern cloud architectures, providing support for continuous deployment and isolating containers

[Learn More by Reading the Research Report](#)

According to a recent survey\*:

87%

of enterprises have increased their investment in NetOps within the past two years

64%

of enterprises have hired dedicated network engineers to transition to NetOps

67%

of engineers believe NetOps has added value to their role

\*Findings based on Independent survey commissioned by Opengear