



## **Position: Cloud Network Training Engineer**

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### **About Us:**

CENGN is Canada's Centre of Excellence in Next Generation Networks. Our mission is to drive technology innovation and industry growth through our test bed, technical expertise, talent development, and partner ecosystem, to enable economic strength and prosperity as well as innovation and competitiveness for Canada in the high-growth global multi-trillion dollar Information and Communications Technology (ICT) industry.

CENGN collaborates with national and global technology leaders, the public sector, and academic partners, to solidify Canada's leadership in next generation networks for the benefit of all Canadians. Our members and partners are a crucial part of CENGN's operation, providing us with the technologies and support needed to enable our service offerings to Canadian small and medium enterprises (SMEs).

By providing Canadian SMEs with the infrastructure and expertise required to test their products, these growing businesses can overcome commercialization barriers. CENGN provides SMEs with full support of the development, validation, and exposure of their innovative solutions. CENGN also develops talent through co-op and internship opportunities as well as training offerings for professionals.

CENGN's ecosystem includes members Bell Canada, Cisco, EXFO, Huawei, Invest Ottawa, Juniper Networks, Mitel, Nokia, Ribbon Communications, TELUS, and Wind River. CENGN also partners with the federal government through the Networks of Centres of Excellence (NCE) and the Ontario government through the Ontario Centres of Excellence (OCE).

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### **What We Offer:**

- The chance to be part of the growth of a Canadian company driven by providing opportunity for Small & Medium Enterprise (SME) Canadian companies to succeed
- The benefit of an agile company in a modern setting where your ideas and opportunities for growth are nurtured and encouraged
- The advantage of working with colleagues passionate about their individual contributions to CENGN
- The gain of working with cutting edge and relevant technology
- The opportunity to work in our state of the art physical and virtual multi-vendor, test, certification and validation platform which provides a unique environment to commercialize advanced products, applications and services
- The experience of developing and deploying wired and wireless technologies that are utilized by applications such as cloud, wireless 5G, autonomous vehicles, broadband Internet and cybersecurity

For more information, visit [www.cengn.ca](http://www.cengn.ca)

**The Opportunity:**

We are seeking a highly skilled and motivated individual for the Centre of Excellence in Next Generation Networks (CENGN's) Training team. Reporting to the Senior Manager of Training Programs, the Cloud Network Training Engineer will design, develop and deliver high-impact, hands-on training courses focused on cutting edge networking topics to IT professionals at various career stages. Courses may also include technology overviews for business leaders. Training will be delivered face-to-face and online through virtual classroom platforms. The Cloud Network Training Engineer will also develop exam questions to validate learner knowledge and skills, as well as self-paced learning objects. The position will require 10-15% travel, primarily within Canada.

**Key Responsibilities:**

Due to the rapid evolution of the emerging network technologies for which CENGN is in the forefront, the Cloud Network Training Engineer plays an important role in developing and delivering training on cutting edge networking topics. The candidate is accountable to:

- Develop training content
  - Work with key stakeholders to design learning paths and training needs assessments
  - Create detailed learning objectives for training courses
  - Develop, review, maintain and update course content
  - Develop assessments to validate learner knowledge and skills
  - Publish training content in various formats
- Deliver training classes
  - Deliver CENGN-branded and selected partner-branded training classes
  - Manage training participants in both ILT and VLT delivery formats
  - Direct and assist learners during hands-on activities
  - Collect course feedback data from training participants
- Demonstrate and articulate in-depth understanding of new technologies
- Stay up-to-date with industry training best practices
- Demonstrate practical problem-solving skills working in a cloud networking lab environment

**Key Competencies/Qualifications:**

- Expertise in NGN technologies such as virtualization, cloud, containers, SDN/NFV
- Significant experience working in routed/switched networks
- Ability to quickly analyze and learn new technologies
- Excellent critical thinking, communication and presentation skills
- Flexibility, creativity and the ability to work in a rapidly changing work environment
- Ability to work autonomously within a team leveraging online collaboration tools
- Proficient in Microsoft Office applications

**Desired Assets:**

Experience with any of the following would be considered an asset:

- Agile methodology
- Code repositories such as Git
- Consuming or contributing to Open Source projects
- Atlassian tools (Confluence, JIRA)
- Illustration and/or video editing software
- Virtual classroom tools

Professional certification in an NGN field would be considered an additional asset.

**Education/Experience:**

- Bachelor's degree or College diploma in Software Engineering, Computer Science, Engineering, IT or related discipline
- Professional experience in technical course development and delivery

**Languages:**

- English oral, reading and writing
- Competency in any other language could be considered an asset

Interested and qualified candidates are invited to forward their resume in confidence to CENGN by email to [hr@cengn.ca](mailto:hr@cengn.ca). Please use " **Cloud Network Training Engineer** " as the subject line.

CENGN reserves the right to remove this posting prior to the application deadline. CENGN thanks all applicants for their interest, however, only those selected for an interview will be acknowledged. CENGN is an equal opportunity employer.