



# The IT landscape and IT professions are evolving

To keep pace, what we learn, and how we show it, must evolve as well.

As technology advances, businesses will connect applications, devices, and people via the cloud and mobile devices. Software and networking are becoming more intertwined as a result. That means technology professionals like you need broader skills and more specialization.



Those who can bridge the networking-software development divide will be in greater demand than ever.

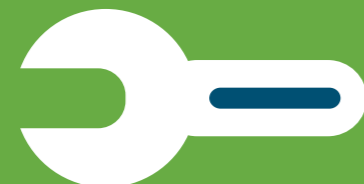
## Technology skills are changing fast

**70%** of CEOs say their organizations don't have the skills to adapt.<sup>1</sup>

**90%** of CEOs say digital technologies are disrupting their companies.<sup>1</sup>

**80%** of professionals say they lack the skills necessary for both current and future jobs.<sup>2</sup>

## Networking roles are following suit



**Network automation and programming** has been the focus for **70%** of Cisco certified network engineers for 3 years.<sup>4</sup>

**Job growth** for software developers will rise by **24%** from 2016-26.<sup>5</sup>



**The most valued professionals** will serve at the key intersections of digital solutions.<sup>6</sup>

**DevOps collaboration** will require senior IT pros to understand programming.<sup>7</sup>



## The two things organizations will demand

Intent-based networking and the technical talent to harness it.



**1,000+** large enterprises will deploy intent-based networking systems by 2020.<sup>8</sup>

**New IT skills** will empower networks with multi-domain solutions, APIs, and programmability.

## Organizations must have confidence in their staff

**64%** of managers agree staff must routinely access learning to perform their jobs.<sup>9</sup>

**59%** of certified employees deliver a higher quality of service.<sup>10</sup>

**99%** of organizations use certifications to make hiring decisions.<sup>11</sup>

**78%** of tech execs/managers believe certifications are critical to success.<sup>3</sup>

Let Cisco certifications help you bridge the skills gap and advance your career. Cisco certifications can validate your skills in every facet of technology. And with our new Cisco DevNet Certifications, you can quickly adapt to the rapid changes across the programmable technology landscape.

Learn more [www.cisco.com/nextlevel](http://www.cisco.com/nextlevel)



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3. Learning@Cisco Technology Manager Survey, Cisco, September 2018  
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5. U.S. Bureau of Labor Statistics, 2016  
6. 2018 IDC Worldwide IT Employment Model Future of IT Survey  
7. "The Changing Role of the IT & Network Professional," Ashton, Metzler & Associates  
8. 2018 Strategic Roadmap for Networking, Gartner, May 2018  
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10. Learning@Cisco Technology Manager Survey, Cisco, September 2018  
11. Learning@Cisco Technology Manager Survey, Cisco, September 2018