



The Cloud IT Skills Gap

Accelerating adoption of cloud services and infrastructure has resulted in a skills gap for IT professionals who are properly trained and certified to use the latest cloud environment.



410% increase in IaaS adoption

Enterprise adoption of Infrastructure as a Service (IaaS) as the primary environment for workloads will jump from 10% in 2015 to 51% in 2018. Most enterprises will be looking for hyperscale capability delivered by only the major cloud infrastructure providers.¹

2015

2018

IT Infrastructure transformation is happening



77% 2015

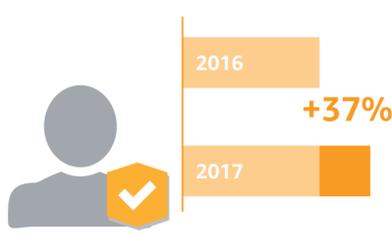
2018 43%

The number of enterprises using **traditionally built IT infrastructure** as the primary environment for at least one workload is declining.¹ Adopting the new cloud infrastructure paradigm has been driven not just by the search for efficiency, but also the desire to gain and keep the competitive advantage through faster innovation.



Sounds important. Who's doing the work?

That's the issue. There aren't enough IT professionals with the necessary expertise in cloud.



Indeed Australia found that demand for skilled AWS IT professionals rose by 37% in just 12 months from March 2016.²



53% of IT leaders said they are **struggling** to acquire the necessary candidates to support cloud initiatives within their organizations.³

Demand for AWS skills is on the up, up, up

High demand means there's **market competition** for cloud-skilled IT professionals.



And with that, recruitment becomes more and more of a challenge



51%

81%

51% of businesses reported having difficulty filling their positions because of the lack of skilled candidates in the market. Of those, more than 81% found it more difficult in 2016 than the year before.⁴

Bring it in? Or bring it on!

Up-skilling your existing staff on the latest cloud technologies could save time and cost when compared with recruiting and training a new staff member.



Retain knowledge

Existing employees maintain and pass along institutional knowledge, keeping up momentum on existing and new cloud projects.

Maintain productivity

Save valuable time by freeing up colleagues and managers from the burden of training new employees on internal systems and processes.

Save on recruitment

With the average cost-per-hire in enterprises standing at \$4,285, or 20% of annual salary (and even more in specialist roles), not having to recruit can represent a significant saving.⁵

Save time

Avoid delays to business-critical projects that could occur due to long recruitment processes. The average time-to-hire doubled between 2010 and 2015 to 68 days and can be much longer for specialist positions.⁶

Certification delivers return on investment



94%

It was almost unanimous amongst IT decision-makers that **certified team members bring added value above and beyond the cost of the certification**. In addition, it was reported that certified team members have the ability to troubleshoot issues and complete projects more quickly with generally higher productivity.⁷

Hear from our Certified Community

“ We wanted to make sure our teams had enough knowledge to make best use of AWS ... using the right features in the right place at the right time. We have a formal training program and we can steadily see and measure how things are getting better. ”

Alan Williams
Enterprise Architect
Autodesk

“ I can say that the AWS training has helped us tremendously to make the level that we have right now. My advice is to pick few people, build a core team, train them up well and the others will follow them. ”

Christian Boehm
Head, Datacenter Infrastructure
Siemens AG

Bridge the gap and accelerate your business transformation



AWS Training and Certification could help your organisation's skills gap.

By training your internal team on the latest AWS cloud technologies you could benefit from having the cloud expert you need without losing the time and money it takes to recruit and train new hires on internal systems and processes.

Transform your business from the inside



Let your existing IT professional staff leverage the power of the AWS cloud and lead your business transformation.

To learn more about how AWS Training and Certification has benefited other businesses like yours, visit <https://aws.amazon.com/training/traincert-customer-testimonials/>



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