



1. Title of the certificate – Yrkeshögskoleexamen ¹

Cloud & ICT Engineer

2. Translated title of the certificate – Higher Vocational Education Diploma ²

3. Knowledge, Skills and Competence Profile

The holder of the certificate has:

Knowledge of:

- Various service models (IaaS, PaaS, and SaaS) within Amazon AWS, Microsoft Azure, and Microsoft -programs
- Private, public, and hybrid clouds, as well as cloud security and various virtualization software
- Related professional and competence areas such as IoT (Internet of Things) and data and IT security issues and offerings from different cloud providers
- Economic and business considerations in the application of cloud-based IT systems

Skills in:

- Performing specialized tasks in cloud management, cloud security, and data and system administration
- Analyzing and evaluating business value related to the service models SaaS, PaaS, and IaaS
- Performing Microsoft Windows server installations, documenting administrative steps, and proposing advanced configurations
- Planning, applying, and integrating functions in Microsoft Azure, Amazon AWS, VMware, and Hyper-V
- Identifying and designing a Microsoft 365 solution based on customer needs
- Selecting, planning, and configuring Linux operating systems
- Analyzing, applying, and utilizing functions in the PowerShell scripting language
- Developing solutions for complex problems in cloud management, cloud security, and data and system administration
- Working cost-effectively and solution-oriented, both internally and in customer interactions regarding cloud services
- Communicating commitments and solutions related to security awareness and system architecture in both Swedish and English

Competencies to:

- Independently use and develop various service models (IaaS, PaaS, and SaaS) within Amazon AWS, Microsoft Azure, Microsoft programs, private, public, and hybrid clouds, cloud security, and virtualization software in a way that promotes continuous learning and responsible, professional development in the role of a Cloud & ICT Engineer
- Oversee the implementation of a technical server environment within cloud technology and contribute to the development of cloud service technology, cloud security, and data and system administration

4. Range of occupations accessible to the holder of the certificate ³

Cloud Administrator, Cloud Architec, Cloud Engineer, Data Manager, Data Specialist

¹ In the original language. | ² If applicable. This translation has no legal status. | ³ If applicable.

5. Official basis of the certificate

Name and address of the awarding institution

Lernia Utbildning AB
Box 446
101 28 Stockholm

Authority providing accreditation / recognition of the certificate

The Swedish National Agency for Higher Vocational Education
Box 145
721 05 Västerås, Sweden
www.myh.se

Level of the certificate (national or European) ¹

Level 5 in the National Qualifications Framework (SeQF)
Level 5 in the European Qualifications Framework (EQF)

Grading scale / Pass requirements

Fail (icke godkänt – IG)
Pass (Godkänt – G)
Pass with distinction (Väl godkänt – VG)

Access to next level of education / training ¹

International agreements on recognition of qualifications ¹

The Higher Vocational Certificate requires a minimum of a Pass (Godkänt) in all courses.

Legal basis

A Higher Vocational Education Certificate is awarded if the study programme comprises a minimum of 200 Higher Vocational Education credits (HVE credits). Five HVE credits correspond to one week of full-time studies.

6. Officially recognised ways of acquiring the certificate

Description of vocational education and training	Percentage of total programme (%)	Duration (/weeks)
College/education centre	82,5 %	66 weeks
Placement – learning in a work environment	17,5 %	14 weeks
Total duration of the education / training leading to the certificate		80 weeks

7. Additional information

Entry requirements ¹

Entry requirement is successful completion of upper secondary education.

More information (including a description of the national qualifications system)

For more information on higher vocational education, please visit the website of the Swedish National Agency for Higher Vocational Education: www.myh.se

National Europass Centre

[National Europass Centres | Europass](#)

¹ If applicable.