



1. TITLE OF THE CERTIFICATE (HU)

54 481 06 Informatikai rendszerüzemeltető

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Technician managing IT systems
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

A typical holder of the certificate is able to:

- manage and operate computers;
- install, use and maintain office, multimedia and communication applications;;
- maintain, fix and repair the hardware of computers and peripherals;;
- install and maintain operating systems at work-stations;;
- apply the basic terminology and technology related to networks;;
- install, operate and maintain network operating systems;;
- install and maintain basic internet services;;
- establish, supervise and manage a small-scale local network;;
- install, configure and operate LAN/WAN network devices;;
- test and troubleshoot LAN/WAN networks;;
- ensure the security of LAN/WAN networks;;
- perform tasks related to the network supervision and network planning of smaller home and office networks as well as medium-sized networks;
- install and configure IT security devices, firewalls and anti-virus software;
- apply his or her knowledge related to employment and businesses, plan and implement investments;
- manage smaller projects;
- manage databases, use database services and perform database operations;
- perform web and application tasks in possession of programming knowledge;
- operate web server systems;
- install, configure and operate wireless networks;
- install, configure and operate VoIP systems;
- operate virtualized server environment;
- design, order, configure and operate cloud services;
- provide the option of connection to cloud services from the local network.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

3141 Information and communications technology operations technician
3142 Information and communications technology user support technician
3143 Computer network and systems technician
3144 Web systems (network) technician

(*) Explanatory notes:

This document is designed to provide additional information about the specified certificate and does not serve as a legal certificate of vocational qualification. The format of the description is based on the following documents:

Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: <http://europass.cedefop.europa.eu/>

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the institute issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry of National Development</p>																																				
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 54 advanced vocational qualifications, which require the completion of the secondary school leaving exam and may be obtained primarily in formal education</p> <p>ISCED2011 code: 4</p> <p>NQF level: 5</p> <p>EQF level: 5</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>																																				
<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.10.02</p>	<p>Results achieved at the examination and their proportion expressed in percentage in the complex mark</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Central written examination</td> <td style="width: 45%;">Introduction to networks</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">5.00</td> </tr> <tr> <td>Central written examination</td> <td>Programming and database management</td> <td style="text-align: center;">5</td> <td style="text-align: center;">10.00</td> </tr> <tr> <td>Oral examination</td> <td>IT basics</td> <td style="text-align: center;">5</td> <td style="text-align: center;">10.00</td> </tr> <tr> <td>Oral examination</td> <td>English for Information Technology</td> <td style="text-align: center;">5</td> <td style="text-align: center;">10.00</td> </tr> <tr> <td>Practical examination</td> <td>Configuration of networks I.</td> <td style="text-align: center;">5</td> <td style="text-align: center;">15.00</td> </tr> <tr> <td>Practical examination</td> <td>Configuration of networks II.</td> <td style="text-align: center;">5</td> <td style="text-align: center;">15.00</td> </tr> <tr> <td>Practical examination</td> <td>Network operation systems and cloud services</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Establishment of complex network service environment</td> <td style="text-align: center;">5</td> <td style="text-align: center;">5.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td style="text-align: center;">5</td> <td></td> </tr> </table>	Central written examination	Introduction to networks	5	5.00	Central written examination	Programming and database management	5	10.00	Oral examination	IT basics	5	10.00	Oral examination	English for Information Technology	5	10.00	Practical examination	Configuration of networks I.	5	15.00	Practical examination	Configuration of networks II.	5	15.00	Practical examination	Network operation systems and cloud services	5	30.00	Practical examination	Establishment of complex network service environment	5	5.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p>Access to next level of education/training</p> <p>Advancement to higher education</p>	<p>International agreements</p>																																				
<p>Other information concerning the vocational training process</p>																																					
<p>Legal basis</p> <p>Act CLXXXVII of 2011 on Vocational Training Decree 35/2016 (VIII. 31.) NFM of the Minister of National Development on the professional and examination criteria of vocational qualifications falling within the competence of the Minister of National Development.</p>																																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme %	Duration (hours/weeks/months/years)
School-/training centre-based	Theory: 40 % Practice: 60 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years
<p>Entry requirements:</p> <ul style="list-style-type: none">- School-leaving examination <p>Vocational requirement modules:</p> <p>10815-16 Introduction to information technology 12013-16 Network operation systems and cloud services 12003-16 Introduction to networks II 11498-12 Employment I. (in training courses based on secondary school-leaving examination) 11499-12 Employment II. 11997-16 Introduction to networks I 11625-16 Programming and database management 11999-16 English for Information Technology</p> <p>This certificate supplement was prepared on the basis of the instruction for filling in the Certificate Supplement published on the homepages of the National Reference Point and the National Europass Centre.</p> <p>National Reference Point – NSZFH – http://nrk.nive.hu</p>		
Head of Examination Organiser: Issue date: 2023.10.02		SEAL