



EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.  
Brussels, Belgium, European Union



# CERTIFICATE

## Viacheslav Vietluzhskykh

Has successfully completed test requirements of  
The European Information Technologies Certification Programme

### EITC/IS/ACC Advanced Classical Cryptography

**Certification Programme examination result:**

 93.33%

**Certification Programme description:**

(updated in July 2023)

Diffie-Hellman cryptosystem: Diffie-Hellman key exchange and the discrete log problem; generalized discrete log problem and the security of Diffie-Hellman; Encryption with Discrete Log Problem: Elgamal encryption scheme; Elliptic Curve Cryptography: introduction to elliptic curves, elliptic curve cryptography (ECC); Digital Signatures: digital signatures and security services, Elgamal digital signature; Hash Functions: introduction to hash functions, SHA-1 hash function; Message Authentication Codes: MAC (Message Authentication Codes) and HMAC; Key establishing: symmetric Key Establishment and Kerberos; Man-in-the-middle attack: man-in-the-middle attack, certificates and PKI

**Certificate Programme version/revision:** EITC/IS/ACCv1r1



**CERTIFICATE ID: EITC/IS/ACC/FXR23004672**

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