Record Nr. UNISA996574899503316 11073-40101-2022 - ISO/IEEE 11073-40101:2022(E) / / Institute of Titolo **Electrical and Electronics Engineers** Pubbl/distr/stampa [Place of publication not identified]:,: IEEE,, 2022 **ISBN** 1-5044-8517-3 Descrizione fisica 1 online resource (54 pages) Disciplina 570.285 Soggetti **Bioinformatics** Computational biology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto For Personal Health Devices (PHDs) and Point-of-Care Devices (PoCDs). an iterative, systematic, scalable, and auditable approach to identification of cybersecurity vulnerabilities and estimation of risk is defined by this standard. The standard presents one approach to iterative vulnerability assessment that uses the Spoofing, Tampering, Repudiation, Information Disclosure, Denial of Service, and Elevation of Privilege (STRIDE) classification scheme and the embedded Common Vulnerability Scoring System (eCVSS). The assessment includes system context, system decomposition, pre-mitigation scoring, mitigation, and post-mitigation scoring and iterates until the remaining vulnerabilities are reduced to an acceptable level of risk.