

cyber security fundamentals 2020 pre-test

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What is Cybersecurity? | CISA

What is cybersecurity? Cybersecurity is the art of protecting networks, devices, and data from unauthorized access or criminal use and the practice of ensuring confidentiality, integrity, and availability of information. It seems that everything relies on computers and the internet now—communication (e.g., email, smartphones, tablets), entertainment (e.g., interactive video games, social ...

Cybersecurity Best Practices | Cybersecurity and Infrastructure ... - CISA

CISA provides information on cybersecurity best practices to help individuals and organizations implement preventative measures and manage cyber risks.

Cybersecurity | Homeland Security

The Department of Homeland Security and its components play a lead role in strengthening cybersecurity resilience across the nation and sectors, investigating malicious cyber activity, and advancing cybersecurity alongside our democratic values and principles.

Home Page | CISA

JCDC unifies cyber defenders from organizations worldwide. This team proactively gathers, analyzes, and shares actionable cyber risk information to enable synchronized, holistic cybersecurity planning, cyber defense, and response.

Incident Detection, Response, and Prevention - CISA

Overview Cyber incidents are capable of demonstrable harm to the national security interests, foreign relations, or economy of the United States or to the public confidence, civil liberties, or public health and safety of the American people. Because of this risk, all organizations and even individuals should have clear, executable cyber incident detection, response, and prevention strategies ...

No-Cost Cybersecurity Services & Tools | CISA

CISA has curated a database of no-cost cybersecurity services and tools as part of our continuing mission to reduce cybersecurity risk across U.S. critical infrastructure partners and state, local, tribal, and territorial governments. What's Included CISA's no-cost, in-house cybersecurity services designed to help individuals and organizations build and maintain a robust and resilient cyber ...

National Terrorism Advisory System Bulletin - Homeland Security

Low-level cyber attacks against US networks by pro-Iranian hacktivists are likely, and cyber actors affiliated with the Iranian government may conduct attacks against US networks. Iran also has a long-standing commitment to target US Government officials it views as responsible for the death of an Iranian military commander killed in January 2020.

DHS Announces \$279.9 million in Grant Funding for the Fiscal Year 2024 ...

The Department of Homeland Security announced the availability of \$279.9 million in grant funding for the Fiscal Year (FY) 2024 State and Local Cybersecurity Grant Program (SLCGP).

Primary Mitigations to Reduce Cyber Threats to Operational ... - CISA

The Cybersecurity and Infrastructure Security Agency (CISA), Federal Bureau of Investigation (FBI), Environmental Protection Agency (EPA), and Department of Energy (DOE) are aware of cyber incidents affecting the operational technology (OT) and industrial control systems (ICS).

United in Cyber Defense: A Model for Operational Collaboration

Cyber Defense for Geopolitical Crises: In collaboration with federal agencies and industry partners, we developed cyber defense plans tailored to specific geopolitical risks, such as conflicts involving Israel and threats tied to China.