Lab #2 | Align Auditing Frameworks for Business Unit Within DoD

The purpose of this lab is to identify the requirements and hardening guides that provide a frame to which a government network and business should adhere, you will assess the available sites under the Department of Defense (DoD) and identify agencies in charge of providing security guidelines, and you will review the hardening and best practice guidelines provided by DoD’s Defense Information Systems Agency (DISA) and Information Assurance Support Environment (IASE).

Participate in each section of the lab and follow the instructions for the exercises in each section.

Lab 2.1

1. From your computer workstation, create a new text document called DoD Lab #2.

Lab 2.1a Exercise.

Review the following scenario:
You work for a governmental unit of DoD and your manager has asked you to write a brief paper outlining the importance of having the proper DoD-approved frameworks in place when an organization wants to conduct business with a governmental unit. Your task is to evaluate all the available DoD, IASE, and NIST hardening guides on the Internet and to write a brief analysis of the technical controls and hardening guides that should be implemented as a minimum guideline for divisions of government agencies such as yours.

Launch your Web browser. Type the Web address: http://www.defense.gov/Sites Review the DoD list of registered websites and review the content of some of the information assurance sites.

In your text document, list three of the DoD-registered websites that provide guidelines and documents related to information assurance.
Lab 2.1b Exercise.

Launch your Web browser. Type in the Web address: http://disa.mil/

Review the Defense Information Systems Agency (DISA) website, focusing on the agency’s services and capabilities. Evaluate which services and capabilities are relevant to the task of formulating a framework for secure government operations.

In your text document, note those services and capabilities that were relevant to secure government operations.

Lab 2.1c Exercise.

Launch your Web browser. Type the following Web address: http://iase.disa.mil/Pages/index.aspx

Review DISA’s Information Assurance Support Environment.
Click the link for Security Technical Implementation Guides (STIGS) in the left-hand column on the page. Click on the STIGs Master List (A to Z) in the left-hand column on the page.

Review the STIGs available, focusing on the following topics:
1. Network Hardening Guides
2. Secure Remote Computing
3. Windows Operating Systems
4. Application Security

Lab 2.2

In your text document, write an executive summary that identifies two common auditing frameworks used for DoD. Discuss these and be sure to include a discussion of the hardening guidelines and security checklists used by DoD.

Submit the text document to your instructor as a deliverable for this lab.