Scenario

Review the following scenario. Then complete the step-by-step instructions.

This scenario is based on a fictional company:

Botium Toys is a small U.S. business that develops and sells toys. The business has a single physical location, which serves as their main office, a storefront, and warehouse for their products. However, Botium Toy's online presence has grown, attracting customers in the U.S. and abroad. As a result, their information technology (IT) department is under increasing pressure to support their online market worldwide.

The manager of the IT department has decided that an internal IT audit needs to be conducted. She's worried about maintaining compliance and business operations as the company grows without a clear plan. She believes an internal audit can help better secure the company's infrastructure and help them identify and mitigate potential risks, threats, or vulnerabilities to critical assets. The manager is also interested in ensuring that they comply with regulations related to internally processing and accepting online payments and conducting business in the European Union (E.U.).

The IT manager starts by implementing the National Institute of Standards and Technology Cybersecurity Framework (NIST CSF), establishing an audit scope and goals, listing assets currently managed by the IT department, and completing a risk assessment. The goal of the audit is to provide an overview of the risks and/or fines that the company might experience due to the current state of their security posture.

Your task is to review the IT manager's scope, goals, and risk assessment report. Then, perform an internal audit by completing a controls and compliance checklist.

Step-By-Step Instructions

Follow the instructions to complete each step of the activity. Then, answer the 5 questions at the end of the activity before going to the next course item to compare your work to the completed exemplar.

Step 1: Access supporting materials

The following supporting materials will help you complete this activity. Keep materials open as you proceed to the next steps.

To use the supporting materials for this course item, click the links.

Links to supporting materials:

- Botium Toys: Scope, goals, and risk assessment report

- [Control categories](#)

Link to template: [Controls and compliance checklist](#)

OR

If you don't have a Google account, you can download the supporting materials directly from the following attachments.

[Botium Toys Scope, goals, and risk assessment report](#)

[DOCX File](#)

[Control categories](#)

[DOCX File](#)

[Controls and compliance checklist](#)

[DOCX File](#)

Step 2: Conduct the audit: Controls and compliance checklist

1.
     a.
     b.
2.
3.

Pro Tip: Save a copy of your work

Finally, be sure to download and save a copy of your completed activity to your own device. You can upload it to the portfolio platform of your choice, then share with potential employers to help demonstrate your knowledge and experience.

What to Include in Your Response

Be sure to address the following elements in your completed activity:

Controls and compliance checklist

- "Yes" or "no" is selected to answer the question related to each control listed

- "Yes" or "no" is selected to answer the question related to each compliance best practice

- A recommendation is provided for the IT manager *(optional)*

Step 3: Assess your activity

The following is a self-assessment for your controls and compliance checklist. You will use these statements to review your own work. The self-assessment process is an important part of the learning experience because it allows you to *objectively* assess your security audit.

There are a total of 5 points possible for this activity and each statement is worth 1 point. The items correspond to each step you completed for the activity.

To complete the self-assessment, first open your controls assessment and compliance checklist. Then respond yes or no to each statement.

When you complete and submit your responses, you will receive a percentage score. This score will help you confirm whether you completed the required steps of the activity. The recommended passing grade for this project is at least 80% (or 4/5 points). If you want to increase your score, you can revise your project and then resubmit your responses to reflect any changes you made. Try to achieve at least 4 points before continuing on to the next course item.

1.

Question 1

You reviewed the scope, goals, and risk assessment report.

Status: [object Object]

1 point

Yes

No

2.

Question 2

You considered risks to Botium Toys' customers, employees, and/or assets, based on controls and compliance best practices that are or are not currently implemented.

Status: [object Object]

1 point

Yes

No

3.

Question 3

You reviewed the control categories document.

Status: [object Object]

1 point

Yes

No

4.

Question 4

You selected "yes" or "no" for each control listed.

Status: [object Object]

1 point

Yes

No

5.

Question 5

You selected "yes" or "no" for each compliance best practice.

Status: [object Object]

1 point

Yes

No

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I, **ANUSHKA SINHA**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.*

You must select the checkbox in order to submit the assignment

SubmitSave draft

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Dislike

Report an issue

Portfolio Activity Exemplar: Conduct a security audit

Here is the completed exemplar along with an explanation of how each element of the exemplar fulfills the expectations for the activity.

Completed Exemplar

To review the exemplar for this course item, click the following link and select *Use Template*.

Link to exemplar:

- [Controls and compliance checklist exemplar](#)

OR

If you don't have a Google account, you can download the exemplars directly from the following attachments.

[Controls and compliance checklist exemplar](#)

[DOCX File](#)

Assessment of Exemplar

Compare the exemplar to your completed activity. Review your work using each of the criteria in the exemplar. What did you do well? Where can you improve? Use your answers

to revise your project as needed and guide you as you continue to progress through the certificate program.

Note: *The exemplar represents one possible way to complete the activity. Yours will likely differ in certain ways. What's important is that your activity demonstrates your ability to select controls that Botium Toys does or does not need to implement and compliance best practices that the company needs to adhere to in order to mitigate risks and avoid fines.*

Mark as completed

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