



Course material

Course:

## Understanding the digital supply chain and its stakes for humanitarian actors

Video:

### 7.2.3 Cyberresilience - Preparing for an incident or crisis

Concepts (extracted from automatically generated subtitles):

**Single most important thing. Business continuity. Right place. Time cybersecurity professionals. Inevitable cyber incident. Subject of an entire module. Such thing. Disaster recovery. Good luck. It function. Careful planning. End of this section. Most important elements. Course. Risk of an incident.**



[to video sequence search](#)

(within Understanding the digital supply chain and its stakes for humanitarian actors.)



[to video](#)

Center for Digital Education. More educational support material here:

<https://www.epfl.ch/education/educational-initiatives/cede/educational-technologies-gallery/boocs-en/>

# LEADERSHIP IN CYBERSECURITY

## HANDLING A SECURITY CRISIS

### Preparing for an Incident and/or Crisis

**Paul Hume,**  
Chief Information Security Officer (CISO), ICRC



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notes

summary

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# Preparing of an Incident and Crisis Response



The single most important thing you can do as someone operating in a cyber or IT function is to prepare for the inevitable cyber incident.

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# Preparing of an Incident and Crisis Response



Indeed, beyond what should be done in order to reduce the risk of an incident to happen as seen in the first chapter, you also need to be ready for when the incident happens.

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## summary

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**Preparation requires three controls:**

As we long time cybersecurity professionals like to say, "There is no such thing as if an incident occurs." It is just a matter of when.

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# Preparation requires three controls:

## Incident Response

Make sure you have a plan.

## Disaster Recovery

Back-ups and processes to re-establish the service.

## Business Continuity

Ability to operate while an event is occurring. Requires careful planning and consideration.

Preparation requires you to establish three controls. Incident response. To prepare well, you need to practise, and to practise you need a plan. A plan to how you will respond.

notes

summary

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# Preparation requires three controls:

**Incident Response**  
Make sure you have a plan.

**Disaster Recovery**  
Back-ups and processes to re-establish the service.

**Business Continuity**  
Ability to operate while an event is occurring. Requires careful planning and consideration.

This course is not the right place to go into this in detail,

notes

summary

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**Preparation requires three controls:**

**Incident Response**  
Make sure you have a plan.

**Disaster Recovery**  
Back-ups and processes to re-establish the service.

**Business Continuity**  
Ability to operate while an event is occurring. Requires careful planning and consideration.

as it could be the subject of an entire module and is entirely contextual for your organisation. In short, make sure you have a plan.

notes

summary

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**Preparation requires three controls:**

**Incident Response**  
Make sure you have a plan.

**Disaster Recovery**  
Back-ups and processes to re-establish the service.

**Business Continuity**  
Ability to operate while an event is occurring. Requires careful planning and consideration.

Disaster recovery. This is the ability to recover systems and data, and it includes things such as having backups and processes to re-establish the service.

notes

summary

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## Preparation requires three controls:

### **Incident Response**

Make sure you have a plan.

### **Disaster Recovery**

Back-ups and processes to re-establish the service.

### **Business Continuity**

Ability to operate while an event is occurring. Requires careful planning and consideration.

Business continuity is the ability to operate as an organisation while an event is occurring, and while you are recovering services. It can be as simple as going back to pen and paper,

notes

summary

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**Preparation requires three controls:**

**Incident Response**

Make sure you have a plan.

**Disaster Recovery**

Back-ups and processes to re-establish the service.

**Business Continuity**

Ability to operate while an event is occurring. Requires careful planning and consideration.

but it does require careful planning and consideration. It's also entirely contextual and goes well beyond the scope of this module.

notes

summary

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# Preparing of an Incident and Crisis Response



Let me leave you with three pieces of advice.

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summary

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# Preparing of an Incident and Crisis Response



**Practice  
Practice  
Practice**

Practise. Practise. Practise. That brings us to the end of this section on incidents and crises. Good luck.

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summary

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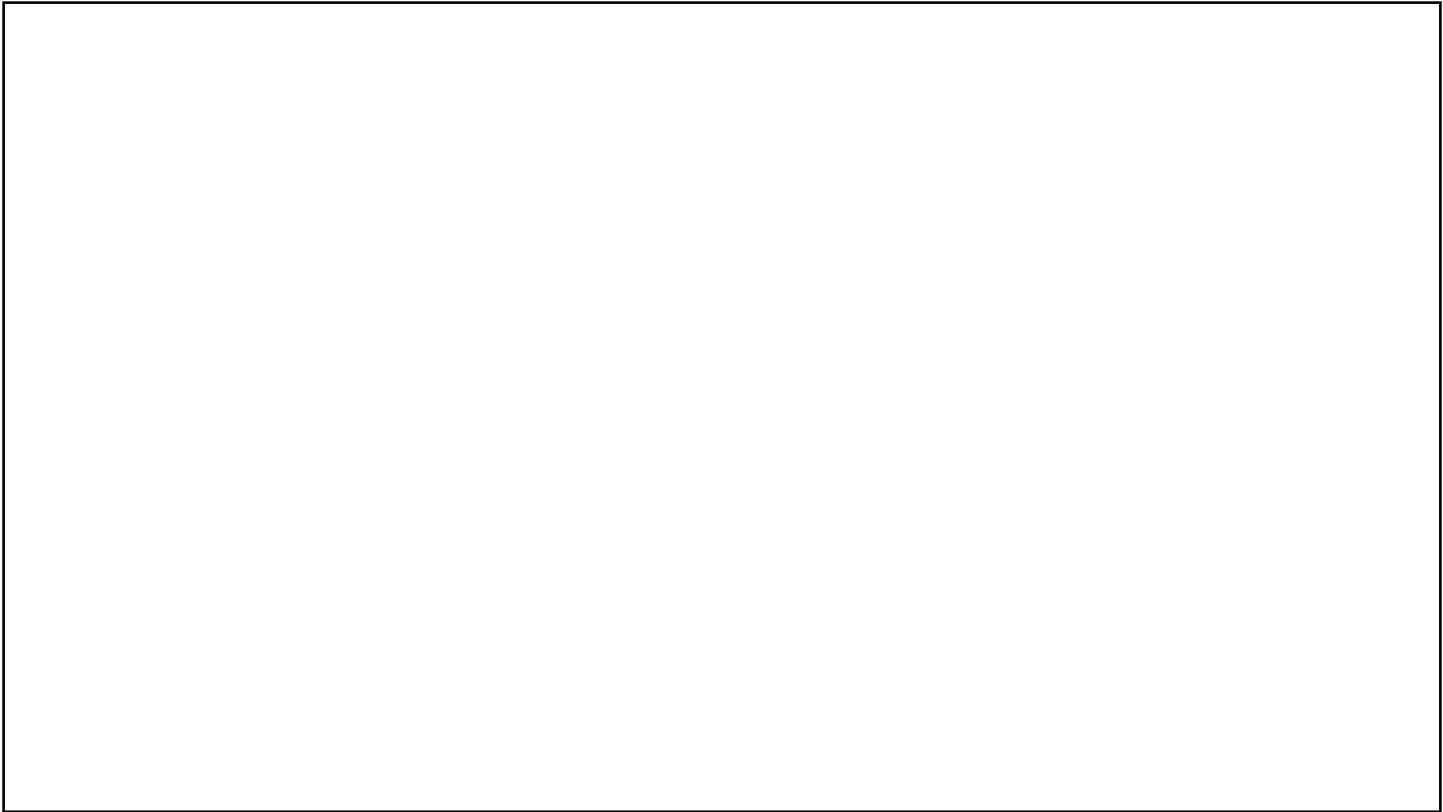
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This is the end of our module on leadership and cybersecurity. I hope it helped you grasp what are the most important elements in leading an organisation along the cyber maturity journey?

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