

Recovery from IoT-based Security Incidents Checklist

Note: Before starting the recovery from IoT-based security incidents checklist, Section 1 and Section 2 must be filled with the required information.

Section 1: Details of the Organization

Organization Name:	
Contact Number:	
Website:	
Address:	
<i>Additional Contact Information:</i>	

Section 2: Details of the Incident Responder

Date Report Received:		Date Report Processing Began:	
Name:		Report Number:	
Title:		Department:	
Email Address:			
Phone Number and, If Applicable, Extension:			

Section 3: Checklist for Recovering from IoT-based Security Incidents	
Actions	Completed
Whether the outdated software and firmware in the IoT devices are patched	<input type="checkbox"/>
Whether the firewall solutions are reconfigured with a new set of rules	<input type="checkbox"/>
Whether the privacy and security settings of IoT devices are changed after recovering from an incident	<input type="checkbox"/>
Whether the outdated IoT assets are replaced with modern devices having end-to-end security	<input type="checkbox"/>
Whether proven data recovery methods and compliance guidelines are followed to restore lost data	<input type="checkbox"/>
Whether automatic failure recovery is implemented for IoT-edge applications	<input type="checkbox"/>
Whether remote and cloud-based replicas of IoT resources are maintained for an immediate restoration	<input type="checkbox"/>
Whether fault-tolerance is implemented to ensure constant availability of IoT resources	<input type="checkbox"/>
Whether device failure recovery tools such as EmSPARK and InnoOSR are used	<input type="checkbox"/>
Whether VPN services are enabled while recovering backup data from the secondary zone	<input type="checkbox"/>
Whether disaster recovery plans are established, enforced, and updated according to the trend	<input type="checkbox"/>
Whether the entry point of the incident is accessed and strict access controls through that entry point are implemented after recovery	<input type="checkbox"/>