

Allegro Worksheet 8	CRITICAL INFORMATION ASSET PROFILE		
<b>(1) Critical Asset</b> <i>What is the critical information asset?</i>	<b>(2) Rationale for Selection</b> <i>Why is this information asset important to the organization?</i>	<b>(3) Description</b> <i>What is the agreed-upon description of this information asset?</i>	
Smart Home	Smart Home devices (IoT) functioning is critical, as our household relies on them for many needs like lighting to heating, door opening and entertainment.	The asset consists of hardware, software and proper functioning of IoT devices like lightbulbs, thermostats, door locks, gateway and the softwares/firmwares controlling those.	
<b>(4) Owner(s)</b> <i>Who owns this information asset?</i>			
In most cases one of the household members is in charge of implementing and configuring IoT devices.			
<b>(5) Security Requirements</b> <i>What are the security requirements for this information asset?</i>			
<input type="checkbox"/> <b>Confidentiality</b>	IoT devices data may reveal sensitive information on the household. They normally store account credentials.	Only household members should access the asset.	
<input type="checkbox"/> <b>Integrity</b>	The asset is considered integer when only legitimate users can interact with it.	Compromise of integrity leads to threat actors being able to tamper devices, breach privacy and exfiltrate data.	
<input type="checkbox"/> <b>Availability</b>	This asset must be available to household members and authorized guests.	Disruption leads to inability to perform activities in the household, and loss of efficiency.	
	This asset must be always available.	Proper operation of devices is critical anytime of the day, independently from household members' presence.	
<input type="checkbox"/> <b>Other</b>			
<b>(6) Most Important Security Requirement</b> <i>What is the most important security requirement for this information asset?</i>			
<input type="checkbox"/> Confidentiality	<input checked="" type="checkbox"/> Integrity	<input type="checkbox"/> Availability	<input type="checkbox"/> Other