

## Access controls worksheet

	Note(s)	Issue(s)	Recommendation(s)
<b>Authorization /authentication</b>	<p><b>Objective:</b> Make 1-2 notes of information that can help identify the threat:</p> <ul style="list-style-type: none"> <li>● At 8:29 AM, on 10/03/2023.</li> <li>● The number of this Event ID for this event is "1227".</li> <li>● The event occurred in relation to the payroll event "FAUX_BANK".</li> <li>● The IP address used to log in was 152.207.255.255</li> <li>● The incident occurred from a computer with the name of "Up2-NoGud".</li> <li>● The Legal/Administrator is the user and the employee's name is Robert Taylor Jr.</li> </ul>	<p><b>Objective:</b> Based on your notes, list 1-2 authorization issues:</p> <ul style="list-style-type: none"> <li>● The user should not have access to make payroll transactions as he is a Legal Attorney.</li> <li>● The user's authorization is set to Admin, this should be removed.</li> <li>● He was a contractor whose contract ended in 2019. His access to all systems should be revoked upon termination and in accordance with Termination Policies.</li> </ul>	<p><b>Objective:</b> Make at least 1 recommendation that could prevent this kind of incident:</p> <ul style="list-style-type: none"> <li>● Implementation of Termination Policies (remove access upon termination).</li> <li>● Implementation of Password Policies can prevent year old passwords from being used.</li> <li>● Principle of least privilege for roles. Implement RBAC to ensure contractors have only necessary roles.</li> <li>● Periodic access audits could catch any current or terminated employees with inappropriate access.</li> <li>● Enabling MFA can ensure that unwanted access is prevented.</li> </ul>