

## Access controls worksheet

|                                      | Note(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Issue(s)                                                                                                                                                                                                                                                                                                                                                                                                                                  | Recommendation(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Authorization /authentication</b> | <p><b>Objective:</b> List 1-2 pieces of information that can help identify the threat:</p> <ul style="list-style-type: none"> <li>• Who caused this incident?</li> <li>• When did it occur?</li> <li>• What device was used?</li> </ul> <p>Company has been notified that there has been a deposit from the business to an unknown business account. From the information we have, we can understand that it was from the user -Legal\Administrator and from the computer Up2-No-Gud which occurred at 8:29:57 AM. This was all done from a computer with the IP address 152.207.255.255. When we look further into the employee directory, it is evident that Robert Taylor Jr. a former legal attorney is responsible for the incident.</p> | <p><b>Objective:</b> Based on your notes, list 1-2 authorization issues:</p> <ul style="list-style-type: none"> <li>• What level of access did the user have?</li> <li>• Should their account be active?</li> </ul> <p>Robert Taylor Jr. had admin authorizations when he should have not. He should not even have an active account as he is a former employee and in the legal department as they have nothing to do with finances.</p> | <p><b>Objective:</b> Make at least 1 recommendation that could prevent this kind of incident:</p> <ul style="list-style-type: none"> <li>• Which technical, operational, or managerial controls could help?</li> </ul> <p>Technical-Implement Multi-Factor Authentication (MFA): Reduce the risk of unauthorized access by requiring multiple forms of verification. Add principle of least privilege<br/>Operational-perform audits<br/>Managerial- Risk Assessment and Management: Periodically evaluate risks to assets and implement mitigations accordingly.</p> |