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| Identity Policy | |
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| October 30, 2022CYBR 3126 | John CovingtonJoseph Khalil |

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|  | PremiseUsing the NIST 800-63 and its sections A, B, and C, I will be creating an identity policy that will be used to help create a login profile for new users. It will also be useful for helping to reset a password or an authentication device. We will assume that the users will be based within the Continental United States, work within a hybrid work environment, and are not allowed to work outside the Continental United States. | |  |
|  | Login Profile Setup | |  |
|  | For this step, we will be aiming to have an Identity Assurance Level (IAL) of two. IAL2 will give us enough confidence that the user is who they say they are while being flexible for if the user is working at home or at the office.  Since we are looking to setup a login profile, we want to have enough information to confidently verify that the new user is who they say they are and ensure that said information is correct. The information we will collect shall include…   * A valid piece of ID that belongs to the applicant (driver’s license, passport, etc.) * A valid address that belongs to the applicant * Valid contact information that belongs to the applicant (e-mail, phone number, etc.)   The provided information must have a validation strength level of Strong or higher. The applicant must also be willing to send over a photo of themselves in order to validate the authenticity of the submitted ID. Once all the submitted information is verified, the applicant can now become a new user and setup their login profile. |  |  |

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|  | Password / Authentication Device Reset For this section, the same information required for creating a login profile would also be required.  For resetting an address or contact information, the original information, the new information, and other identifying information, such as an ID or password, would be required. A code would be sent to the e-mail, phone number, or address in order to further validate the new information. Once the code is entered, the information is replaced with the new information.  For a password reset, information such as a valid address or contact information would be required. A reset code would be sent to the address, phone number, or e-mail. Once the code is utilized, the new password replaces the old one. |  |  |
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