

CIA Triad is Confidentiality, Integrity and Availability. The triad was created to enable guides for information security in an organization. Confidentiality is making sure information is secured and private, with confidentiality unauthorized users should not be granted permission to access such data, information or documents. There should be a hierarchy system in place where people with certain roles have access to information needed to perform only their respective role. Integrity means that data is recorded correctly and it can be trusted. If a business is incorrectly tracking data or intentionally fluctuating or fluctuating data they lose credibility, businesses also have to prevent employees or outside threats from messing with the data. Availability is interpreted as data being able to be accessed at any time needed, with availability systems should be up to date in order to prevent delays in retrieving information.

The onelogin definition of Authentication “is a process that verifies that someone or something is who they say they are (Onelogin, 2023)”. Authorization “is to verify that someone or something is who or what they claim to be (Onelogin, 2023)”. My definition of authentication and authorization is: The difference between authentication and authorization is that authentication verifies if a user is able to access information or a service and authorization determines what they can access. For example If a new front desk associate is hired at Google they go through a screening process in order to verify they are the employee who was hired. Once this verification is done they are given access to only the applications they need to meet their daily tasks. They would not get access to budgets or any other unrelated information which isn’t listed as their job as a front desk associate.

*Authentication vs. authorization: What's the difference?* OneLogin. (n.d.). Retrieved February 1, 2023, from

<https://www.onelogin.com/learn/authentication-vs-authorization#:~:text=Authentication%20and%20authorization%20are%20two,authorization%20determines%20their%20access%20rights>.