

# Cia Triad write up

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## BLUF

This write up will go into depth about the CIA triad and its importance, in the field of cybersecurity. The CIA triad also known as confidentiality, integrity, and availability is a model that is proposed to guided policies for information security withing an organization (Chai,pg1). I personally think it is one of the greatest ways for a organization to practice security measures and practices to improve organizations progress.

## Advantages of using CIA triad

Why, the CIA triad is important is, because it helps to guide new organizations on the development of security policies (Chai, pg2). The CIA triad also makes organizations step back and think for themselves on how value is being provided to the three areas of the CIA triad (Chai, pg2). Implementing the CIA triad in a organization, can help the organization follow a set of practices, of all three criteria's of the CIA triad. The first is confidentiality the way an organization can use these criteria, is by realizing data can be handled based of a organizations required polices that is in play to their advantage (Chai,pg4). The second criteria which is integrity, can help a organization and their employees, be trained regulatory about compliance to not cause human error, which helps the organization be a step ahead of other organizations (Chai, pg6). The third criteria of the CIA triad which can help a organization is availability, which organizations can use preventive measure to make sure system and applications stay up to date, which will make it less likely for breaches to occur, following these sets of practices (Chai, pg5).

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## Most important part of CIA triad

The CIA triad forms, a core foundation for the development of the security systems and policies for an organization (Unitrends, pg1). CIA triad plays a crucial role in making sure your data is safe and, fighting off growing cyber threats (Unitrends,pg1). The CIA triad is deemed vital to many organizations who practice information security, since it helps to enhance security posture, which will continue business continually (Unitrends, pg1).The CIA triad also helps a business create a recovery plan, for if a disaster were to occur around the organization, with strategies and practices. (Unitrends, pg1).

## Authentication VS Authorization

The difference between authentication, and authorization, is that authentication help to verify the user identity, and if it truly the real person behind the screen. What authorization does, is it helps to determine if a user is eligible for access (Chai,pg3). Example of this would be if you went to the airport, you would show your identity, which would be authentication, then before you board the plane you give your passport to the person who is goanna authorize you to get on the flight or not.

## Conclusion

In conclusion the CIA triad and, the practices in involves should be implemented in any organization that wants to succeed in the cyber world. The CIA triad also helps a organization to keep on track with the latest trends, and challenges that occurring in cybersecurity. The CIA triad can be used as a advantage for a organization, and a individual to make them more familiar with what is occurring, and become better then other organizations individuals.

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## References

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