Using Blockchain and Machine Learning to significantly improve the security of Cloud-based Systems

Group 14 Weekly Report - 10

Person prepared this report: Dheeraj Neela.

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List of members

1. Dheeraj Neela (Group Leader)
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6. Sujana Duvvuri Venkateswarlu
7. Akhil Kumar Gudipoodi

Meeting Notes

1) 03/25/2022 - 5:00 PM

   Researching the ML techniques which are used for preventing Account Hijacking.

2) 03/26/2022 - 11:00 AM

   Researching the Blockchain techniques which are used for preventing Account Hijacking.

3) 03/28/2022 - 5:00 PM

   Discussion on Conclusion of previous attacks and Final document preparation.

Tasks Summary

Task Number	Task Name	Details of Task	Member	Status
1	Use of ML to mitigate Account Hijacking	Researching the ML techniques which are used for preventing Account Hijacking.	Sujana, Dheeraj and Akhil Kumar Gudipoodi	Completed
2	Use of BlockChain to mitigate Account Hijacking	Researching the Blockchain techniques which are used for preventing Account Hijacking.	Meghana Amirineni, Disha Prakash Bhukte, Aditi	Completed
3	Conclusion on attacks	Conclusion of all the attacks based on the overview of the research papers	Everyone	In progress

Task Progress

Task Name	Member	Date of Review	Reviewer(s)	Review Conclusion	Recommended Action
Use of ML to mitigate Account Hijacking	Sujana, Dheeraj and Akhil Kumar Gudipoodi	03/25/2022	Meghana Amirineni, Disha Prakash Bhukte, Aditi	Satisfactory	No Action Required
Use of Block Chain to mitigate Account Hijacking	Meghana Amirineni, Disha Prakash Bhukte, Aditi	03/26/2022	Sujana, Dheeraj and Akhil Kumar Gudipoodi	Satisfactory	No Action Required
Conclusion on attacks	Everyone	03/28/2022	Everyone	Needs Work	Needs more research

Issues

    1. No Issues

Gantt chart for showing the major tasks

	Task Name	Mar 20							Mar 27						
		S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	Use of ML to mitigate Account Hijacking								Sujana, Dheeraj and Akhil Kumar Gu						
2	Use of Block Chain to mitigate Account Hijacking								Meghana Amirineni, D						
3	Conclusion on attacks								Everyone						