

**AN EFFECTIVE STRATEGY OF ANALYSIS RELATED TO THE TOR****V.L Pavani<sup>1</sup>, B.S.N Murthy<sup>2</sup>**<sup>1</sup>M.Tech Student, Dept of CSE, BVC Engineering College, Odalarevu, Amalapuram, A.P, India<sup>2</sup>Associate Professor, Dept of CSE, BVC Engineering College, Odalarevu, Amalapuram, A.P, India**ABSTRACT:**

Systems based on the communication based strategy in which there is an anonymous improvement in the system based aspect followed by the followed by the reduced latency based phenomena in a well respective fashion which is related to the TOR oriented anonymous phenomena which provides the service based on the design oriented strategy in a well effective manner respectively. Here for the purpose of the protection of the data with respect to the threat based strategy there is a complete hidden portion of the data takes place in the system on behalf of the data related to the application oriented strategy in a well effective manner followed by the grouping of the particular thing into the equalized size based strategy respectively. Many of the experiments have been conducted on the TOR based strategy where there is an dynamic orientation of the scenario with respect to the packets oriented IP based strategy in a well efficient manner respectively. Where the concept related to the application based scenario is considered by the cell orientation where there is a repack based strategy takes place in a well effective manner respectively. Here an attack oriented strategy is designed in a well effective fashion in which there is a proper investigation takes in the cell oriented strategy in a well efficient manner followed by the TOR oriented scenario respectively. Where by the help of the above strategy based aspect there is a communication loss orientation takes place in the cell with a quite respective fashion. Experiments have been conducted on the present strategy design oriented framework where the performance is accurate followed by the effective outcome of the system respectively.

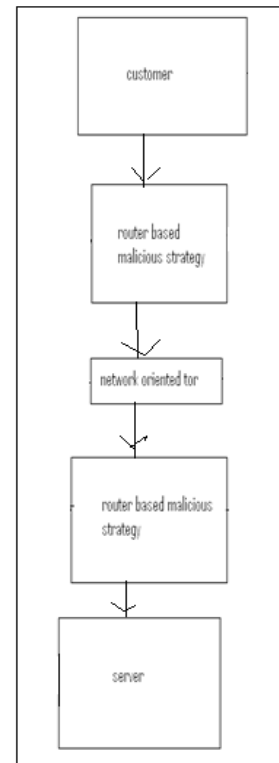
***Keywords: Routing based strategy, Counting cell approach, Anonymous fashion, Network based mixed strategy, Tor based signal and Data authentication respectively.***

## 1. INTRODUCTION

There is a lot of advancement takes place in the society in a well efficient manner respectively. Therefore many of the users are getting attracted to this particular strategy in a well oriented aspect respectively [1]. Therefore here apart from the strategy related to the present oriented scenario the implementation based strategy include the privacy and also the security based analysis is the major concern related to the aspects of the system in a well oriented fashion respectively. There is a lot of advancement takes place in the system with respect to the security based strategy. Because if there is no proper protection oriented scenario then there is no particular usage of the system takes place in the system effectively and also the recognition rate is not reduced in a well efficient fashion followed by the improvement in the system as a main strategy respectively as a primary concern [3][5]. There is brief orientation of the system based aspect respectively. Here there is a major strategy in which effective transmission of the data takes place from the end to end in a well oriented fashion respectively. But at the middle of the system based analysis there is a complete manipulation of the system takes place in a well effective manner by the help of the external threat based strategy in which by the help of the TOR based analysis oriented scenario respectively [2][4]. Therefore there is a particular strategy is designed in a well efficient manner where there is an accurate analysis in the system oriented respective

fashion respectively. Where the technique must effectively support the system followed by the control based degraded performance based aspect respectively [6].

## BLOCK DIAGRAM



**Fig 1: Shows the block diagram of the present technique respectively**

## 2. METHODOLOGY

In this paper a method is designed based on the well effective frame work oriented strategy in a well efficient manner respectively [7][9]. Here the implementation of the present technique followed by the analysis oriented aspect related to the architecture based strategy is shown in the below figure in terms of the block diagram based approach respectively. Here the present

method completely overcome the drawbacks of the several previous methods in a well efficient manner respectively. Here the present implemented technique is designed in such a way in which there should be an accurate analysis is made on the lot of the previous methods oriented failures followed by the accurate analysis based aspect in a well efficient manner and improve the performance of the system followed by the improvement in the accurate outcome oriented strategy in a well effective manner respectively [8][10]. Therefore the present designed method is effective and efficient in terms of the performance based strategy followed by the outcome oriented pattern respectively.

### 3. EXPECTED RESULTS

A lot of analysis has been made between the present methods to that of the several previous methods in a well efficient manner respectively. A comparative analysis is made between the present method to that of the several previous methods and is shown in the below figure in the form of the graphical representation respectively. There is a huge challenge for the present method where it is supposed to implement the technique in a well efficient manner where it is supposed to improve the performance of the present system respectively. There are a number of experiments have been conducted on the large number of the data sets in a well effective manner respectively. There is a huge challenge for the present method where it is supposed to control the degraded performance of the

previous methods in a well efficient manner followed by the accurate outcome of the system based aspect towards the accuracy related analysis of the entire system respectively.

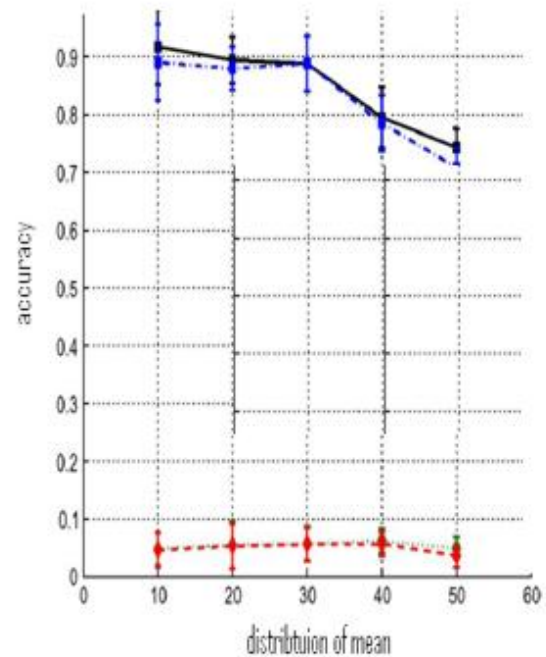


Fig 2: Shows the graphical representation of the present technique respectively

### 4. CONCLUSION

In this paper method is designed with a well efficient strategy where it is oriented with a particular oriented framework based phenomena in a well respective fashion. Here a new technique is implemented based on the tor based strategy which is one of the attack in which continuously disturbing the system therefore there is an accurate implementation of the strategy based counting of the cell in a well oriented format against the particular oriented attack based strategy respectively.

There is a huge challenging task for the accurate detection of the above mentioned threat based analysis in a well oriented fashion and followed by the efficiency in communication based aspect respectively. Here there is a huge strategy on behalf of the implementation of the scenario based technique in which is completely overcome the problems related to the several aspects in a well respective fashion there is a problem in which there is a complete hacking of the network oriented routing based strategy in a well effective manner respectively. Here we finally conclude that the present technique is effective and efficient in terms of the implementation based strategy respectively.

## REFERENCES

- [1] A. Serjantov and P. Sewell, "Passive attack analysis for connectionbased anonymity systems," in Proc. ESORICS, Oct. 2003, pp. 116–131.
- [2] B. N. Levine, M. K. Reiter, C. Wang, and M. Wright, "Timing attacks in low-latency MIX systems," in Proc. FC, Feb. 2004, pp. 251–565.
- [3] Y. Zhu, X. Fu, B. Graham, R. Bettati, and W. Zhao, "On flow correlation attacks and countermeasures in Mix networks," in Proc. PET, May 2004, pp. 735–742.
- [4] S. J. Murdoch and G. Danezis, "Low-cost traffic analysis of Tor," in Proc. IEEE S&P, May 2006, pp. 183–195.
- [5] K. Bauer, D. McCoy, D. Grunwald, T. Kohno, and D. Sicker, "Lowresource routing attacks against anonymous systems," in Proc. ACM WPES, Oct. 2007, pp. 11–20.
- [6] X. Wang, S. Chen, and S. Jajodia, "Network flow watermarking attack on low-latency anonymous communication systems," in Proc. IEEE S&P, May 2007, pp. 116–130.
- [7] W. Yu, X. Fu, S. Graham, D. Xuan, and W. Zhao, "DSSS-based flow marking technique for invisible traceback," in Proc. IEEE S&P, May 2007, pp. 18–32.
- [8] N. B. Amir Houmansadr and N. Kiyavash, "RAINBOW: A robust and invisible non-blind watermark for network flows," in Proc. 16th NDSS, Feb. 2009, pp. 1–13.
- [9] V. Shmatikov and M.-H. Wang, "Timing analysis in low-latency MIX networks: Attacks and defenses," in Proc. ESORICS, 2006, pp. 18–31.
- [10] V. Fusenig, E. Staab, U. Sorger, and T. Engel, "Slotted packet counting attacks on anonymity protocols," in Proc. AISC, 2009, pp. 53–60.