

# SECURITY VISUALIZATION FOR CLOUD

by

## VISIONS:

To minimize the security vulnerabilities and improve the user confidence in the cloud environment

To prevent the further attacks as well as trap the attackers

Integration with third party cloud solutions



## MISSION:

*To maintain integrity by using Open Source Technology providing a highly cost-effective solution.*

The product currently aims to provide security features to Cloud43 by implementing Network Intrusion Detection System (NIDS) in cloud infrastructure using Open Source technology. In future, the scope of the project will be extended to provide security services to individual cloud infrastructures other than Cloud43 as well

## CUSTOMER BENEFITS:

Early detection of attack

Detection of unknown attacks

Performance measurement

Better security in efficient ways

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**OBJECTIVES OF THE  
PROPOSED PROJECT:**

We plan to provide a  
efficient solution with IDS in  
Cloud with the help of  
honeypot

**THE CORE BENEFITS OF  
IMPLEMENTED APPROACH  
ARE:**

The proposed system can be  
implemented in a Cloud  
environment to provide

Intrusion alert mechanism for  
attacks against Cloud

NIDS will use its own  
signature detection system as  
well as anomaly based  
detection system

It can detect known as well as  
unknown attacks

**MARKET :**

The market for SECURE43 is initially:

Installation base of cLOUD43

Educational institutes

SMBs(Small and Medium Businesses)

Bharatiya Vidya Bhavans  
Sardar Patel Institute of Technology  
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