



FORENZY
Securing Digitalization

FORENZY NETWORKS

Autonomous Learning to Generate Positive
Security Models for Web Applications

1

ABOUT US

Quick introduction about who we are as a Forenzy Network

2

Positive Security Model

Quick Introduction to Positive Security Model and its future use cases

3

Problem Discussion

The problem we are trying to solve using Positive Security Model

4

Future Plans to strengthen security

Autonomous Learning and Positive Security model and its use cases

5

FAQs

If we can help you regarding any queries

Our Services

Computer Forensics

Got hacked? Contact our Incident Response Team to perform Computer Forensics as per legal Forensics Standards.



Secure Network Designing

How securely is your network designed? Get a Bullet-Proof Network Architecture designed by following Security Best Practices.



Cyber Advisor

Afraid to contact Law-Enforcement? Don't worry. We are here to advise you on Cyber Crime incidents.



Mobile App Security Testing

How Secure is your Android/iOS App? Evaluate Security of your Personal and Corporate Android/iOS Applications with our Advanced App Security methodologies



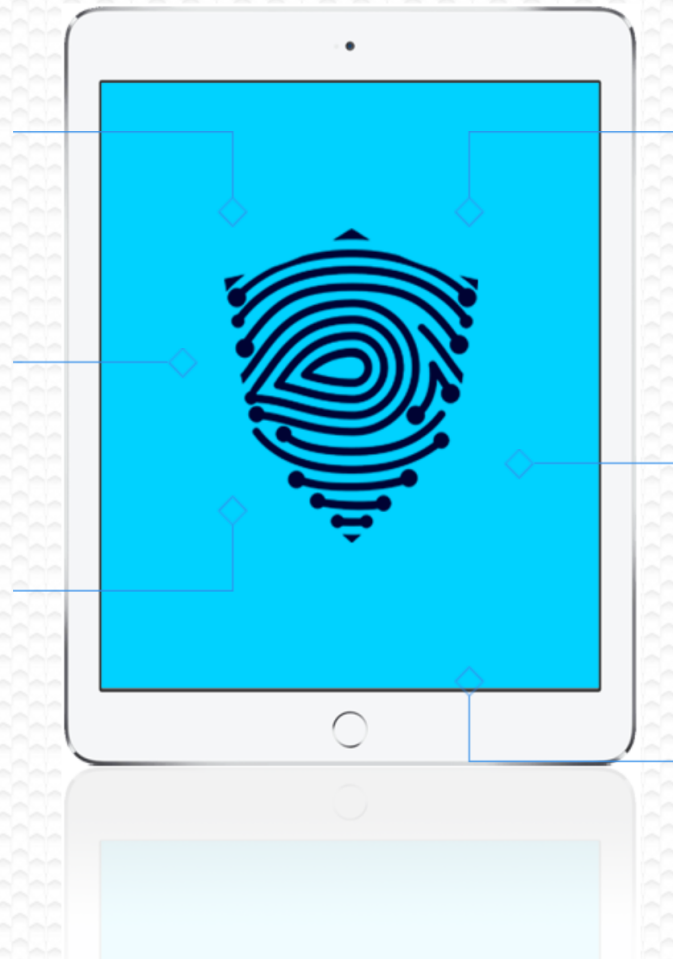
Network Pentesting

Is your network vulnerable? Identify Critical Flaws in your Network and their Mitigation Measures to ensure Security against all New-Age Network Threats.



Website Pentesting

How Secure is your Website? Evaluate Security of your Website by identifying Vulnerabilities and their Countermeasures using Industry Standard Tools and Manual Audits.



- Looking for what looks legitimate
- Defining what is allowed
- More specifically building a grammar which is “GOOD-TO-GO”

Contact Us



First Name *

John

Last Name *

Roberts

Company Name

Forenzy Networks

Job Title

Sr. Security Analyst

Email *

johnr@forenzy.net

Phone

987-121-1219



Interested in *

Network Pentesting



Contact Us



First Name *

Malicious

Last Name *

Actor ' ; --

Company Name

Malicious Actor I am

Job Title

Nothing

Email *

malicious.actor--'or'malicious.com

Phone

999191919919191919191919



Interested in *

Network Pentesting



What's wrong in previous slide...?

Contact Us



First Name *

Malicious

Last Name *

Actor';-- a

Company Name

Malicious Actor I am

Job Title

Nothing

Email *

malicious.actor--'or'malicious.com b

Phone

9991919199191919191919199 c

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Interested in *

Network Pentesting

- a. This is an Attempt of **SQL Injection Error Leakage**
- b. An **Invalid Email address** entered
- c. An attempt to **Buffer Overflow** the system via arbitrary character insertion

Last Name *

Actor';-- **a**

a. Only abcd...z | ABCD...Z | " " allowed

Email *

malicious.actor--'or'malicious.com **b**

b. Only abcd...z | ABCD..Z with "@, -, ." allowed

Phone

9999191919919191919199 **c**

c. Only 0-9 in a specific character range allowed (10-15)

Last Name *

Actor';-- **a**

- a. $^{\wedge}[\backslash w \backslash s]^+ \$$ - Only spaces and word characters are allowed

Email *

malicious.actor--'or'malicious.com **b**

- b. $^{\wedge}([a-zA-Z0-9_ \backslash - \backslash .]^+) @ ([a-zA-Z0-9_ \backslash - \backslash .]^+) \backslash . ([a-zA-Z]{2,5}) \$$
Specific String pattern allowed

Phone

9991919199191919191919199 **c**

- c. $^{\wedge}[\backslash d \backslash - \backslash +]^{\{10,15\}} \$$ - Only character size between 10 to 15 allowed and allowed characters sets are 0-9, - and +.

a. Only `abcd...z | ABCD...Z | " "` allowed

$^{\wedge}[\backslash w \backslash s]^+ \$$ - Only spaces and word characters are allowed

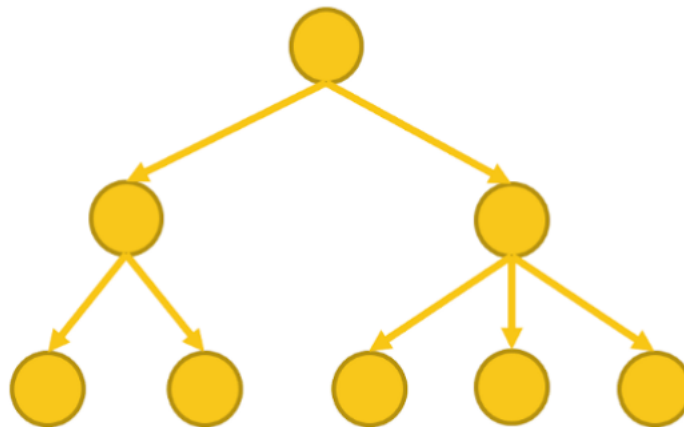
b. Only `abcd...z | ABCD..Z` with `"@,-,."` allowed

$^{\wedge}([a-zA-Z0-9_ \backslash - \backslash .]^+)@([a-zA-Z0-9_ \backslash - \backslash .]^+)\backslash .([a-zA-Z]\{2,5\}) \$$
Specific String pattern allowed

c. Only `0-9` in a specific character range allowed (10-15)

$^{\wedge}[\backslash d \backslash - \backslash +]\{10,15\} \$$ - Only character size between 10 to 15 allowed and allowed characters sets are 0-9, - and +.

Integration of Autonomous Learning Models and Decision Tree Algorithm







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**THANK
YOU**

Reach us [at] <https://forenzy.net> | contact@forenzy.net