

# **An Overview Of Security vs Privacy vs Anonymity**

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**By Abhijeet Kumar**



# Whoami

- Security Researcher
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# Privacy

**Privacy is a concept where people can only see  
what you want them to see.**





# Security

**Security is the implementation of certain practices  
which helps stay safe.**





# Anonymity

**Anonymity is the concept where your identity is private & cannot be deduced (easily).**

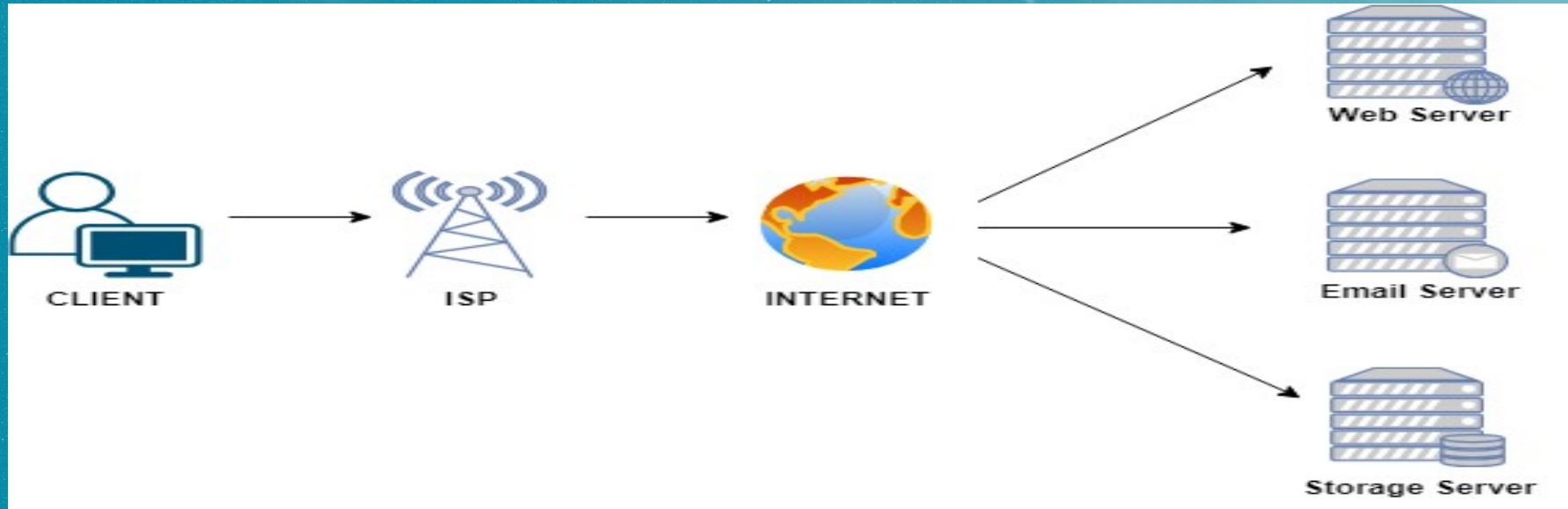


# Data Collection

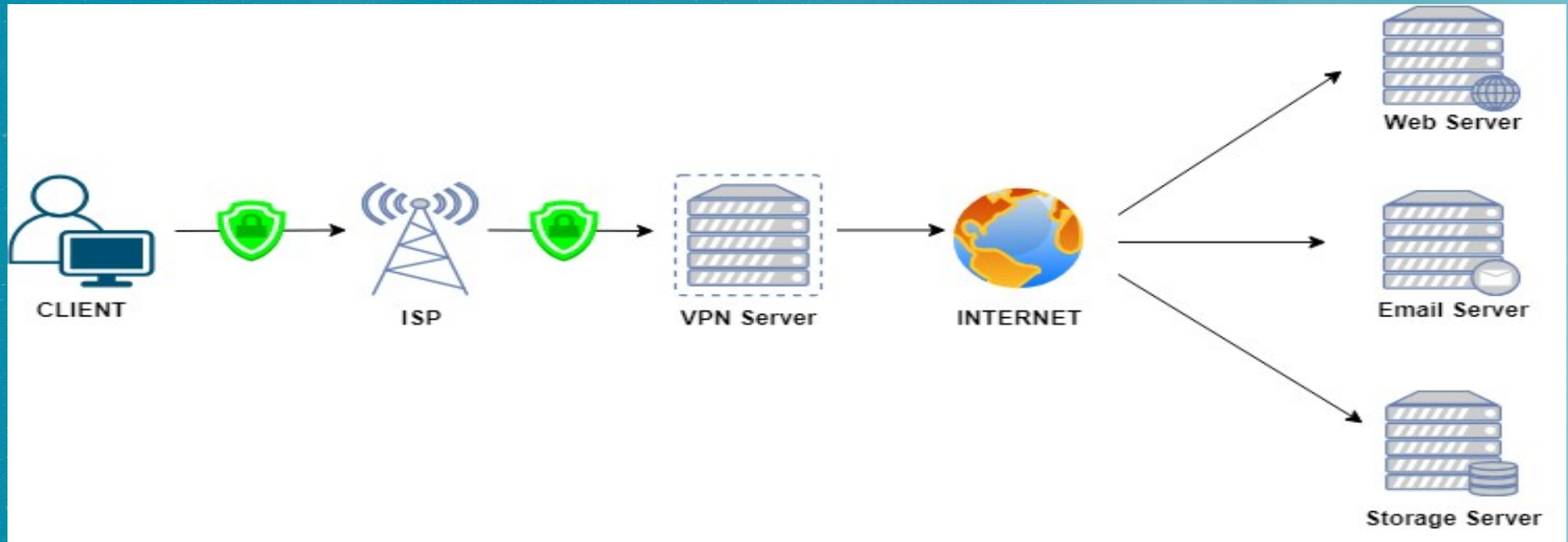
- Websites, Social Media Platforms
- Computers, Laptops, Smart Devices (smartphone, smartwatches, smart-home appliances)
- Collection companies share/sell user data to other entities
- This data is used for user profiling and targeted advertisement



# Normal Traffic Flow

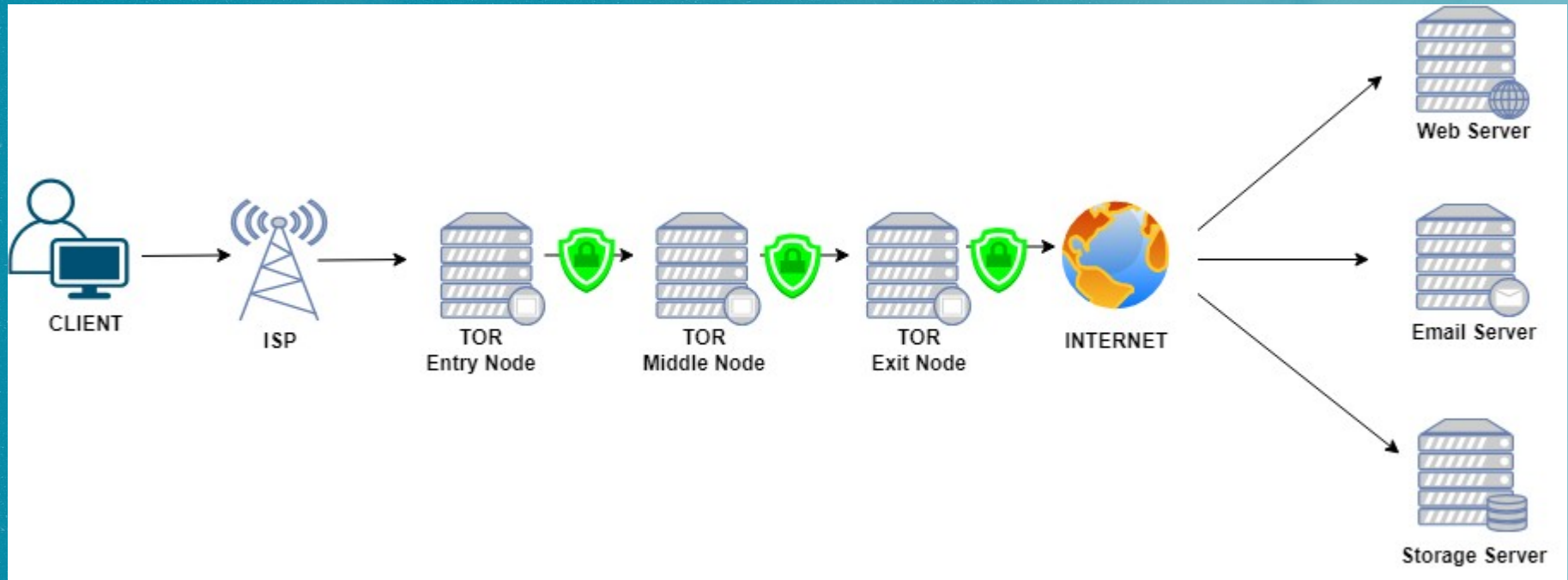


# VPN Traffic Flow



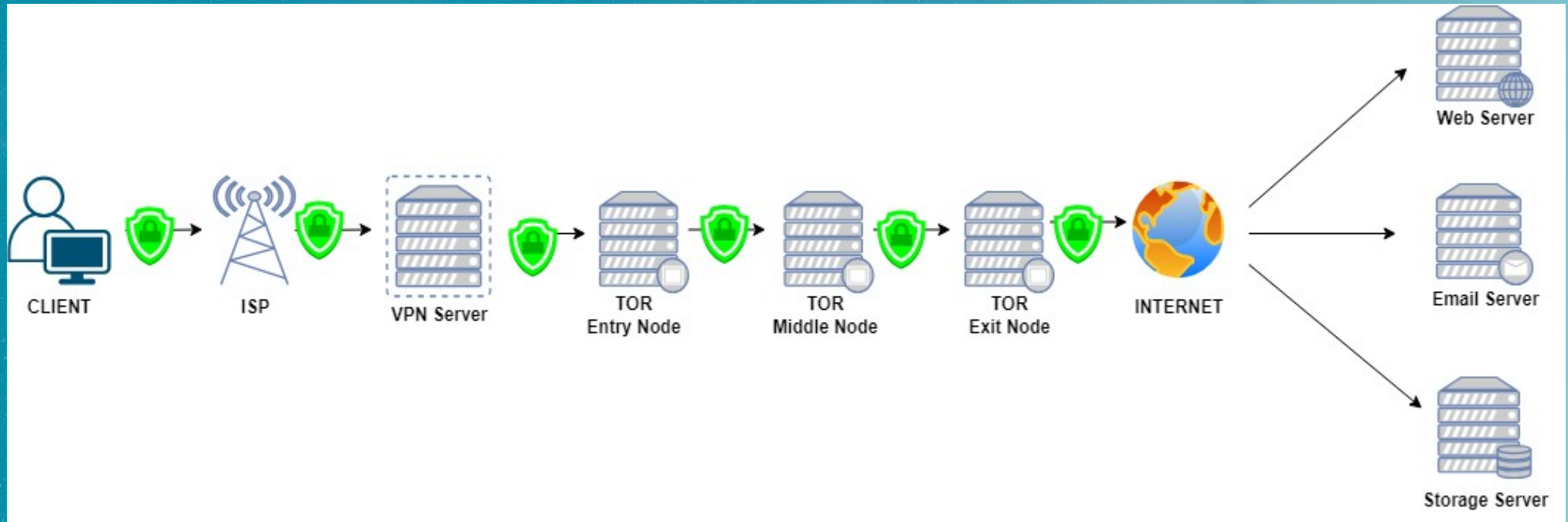


# TOR Traffic Flow





# VPN + TOR Traffic Flow





# Thank you

CC by SA, Risyad Rais