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**indaba 2021**  
mining



HUAWEI

# Cybercrime a real job that pays

**Rudie Raath**  
Chief Security Officer

# Breaking News – You have been HACKED!!

Oct'19



Jun'20



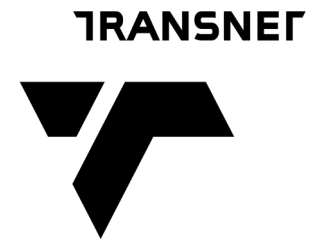
Aug'20



Mar'21

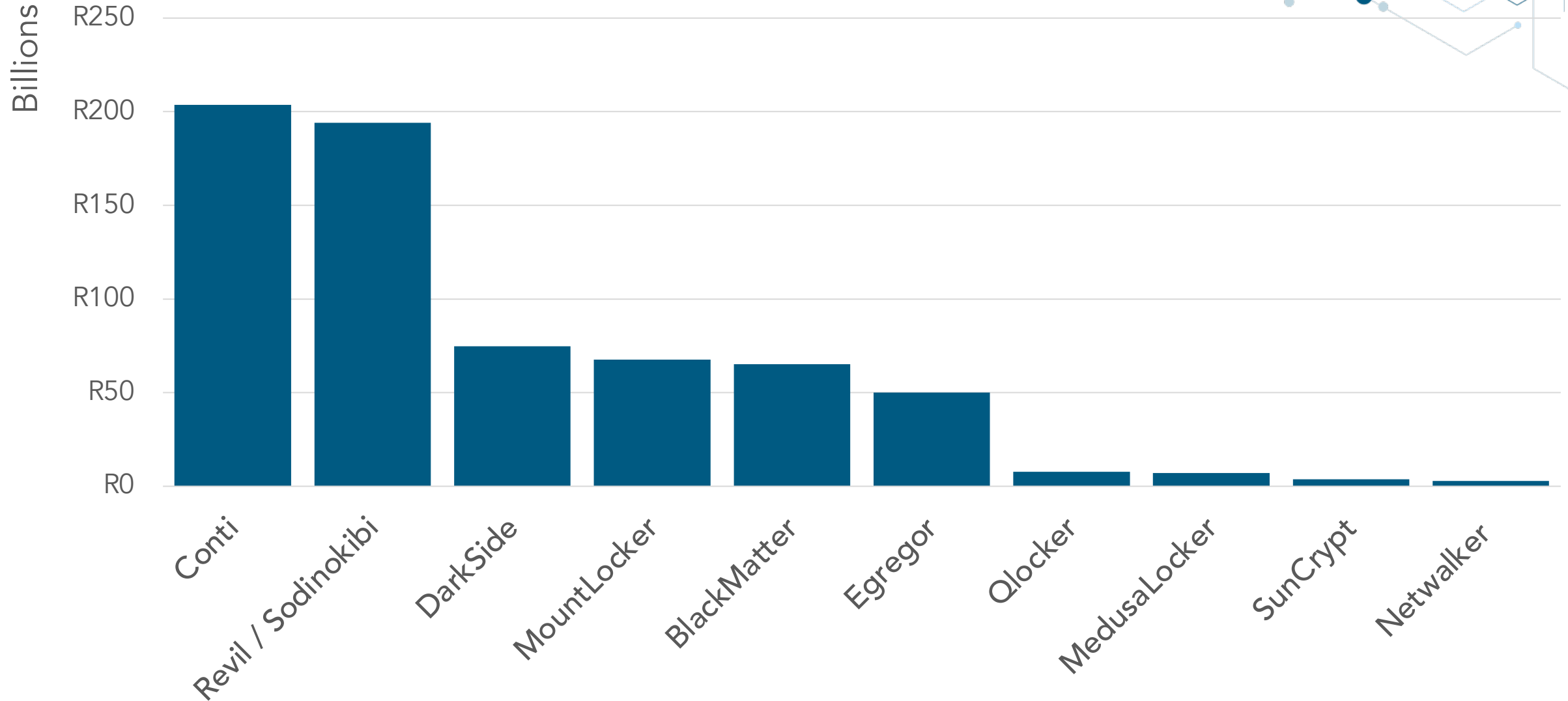


Jul'21

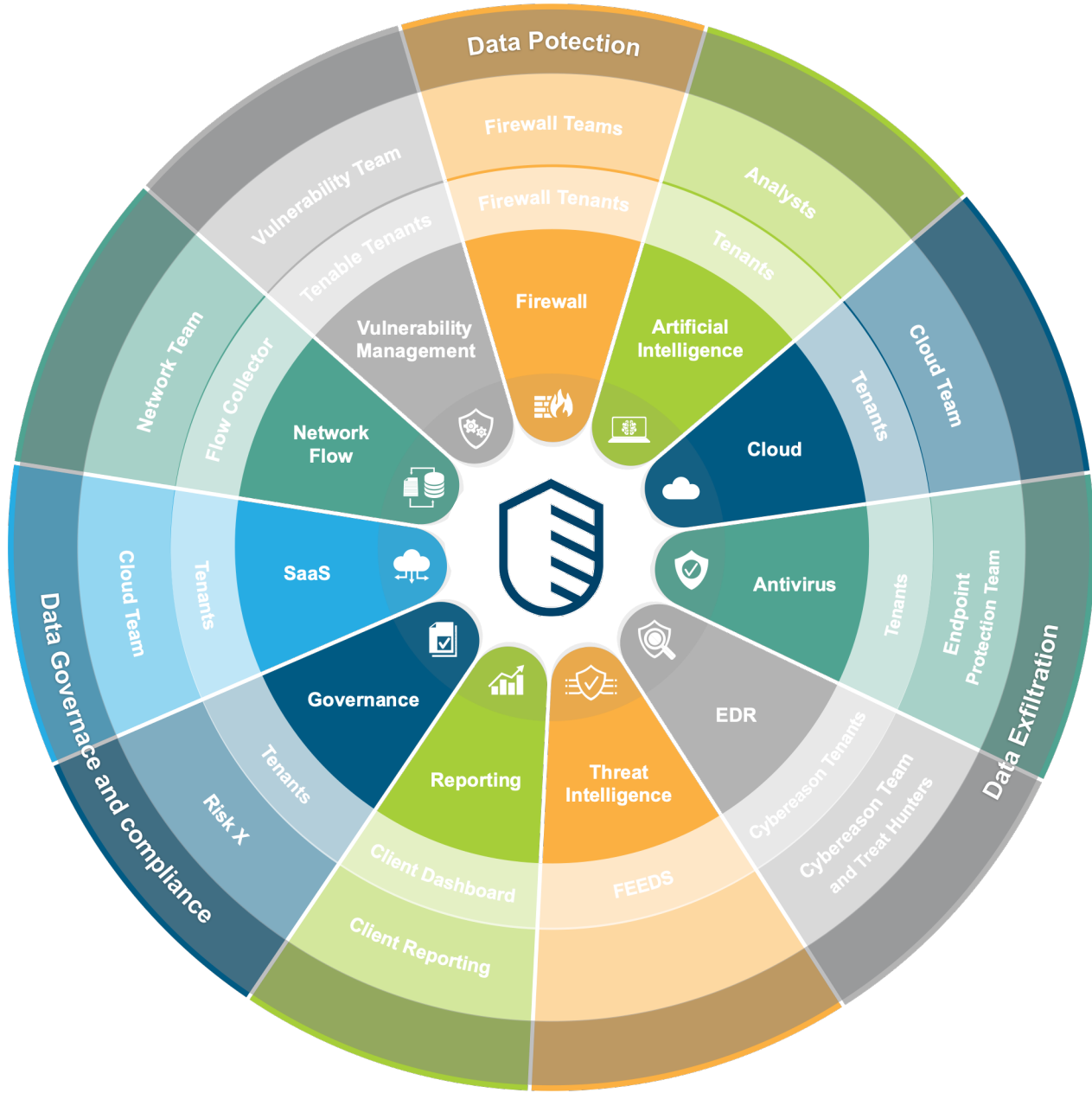


# Total tracked ransomware payments

(This Year Alone)







# SecNet 5.0 Framework

# Common Approach Found



## Internet based scans for Open Exploits

Thousands of BOTS are configured to scan global or targets systems daily



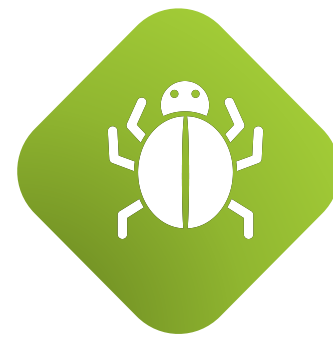
## Exfiltrate users' identities through credential theft

Exploits are used to drop Malware to compromise accounts and exfiltrate data over common protocols



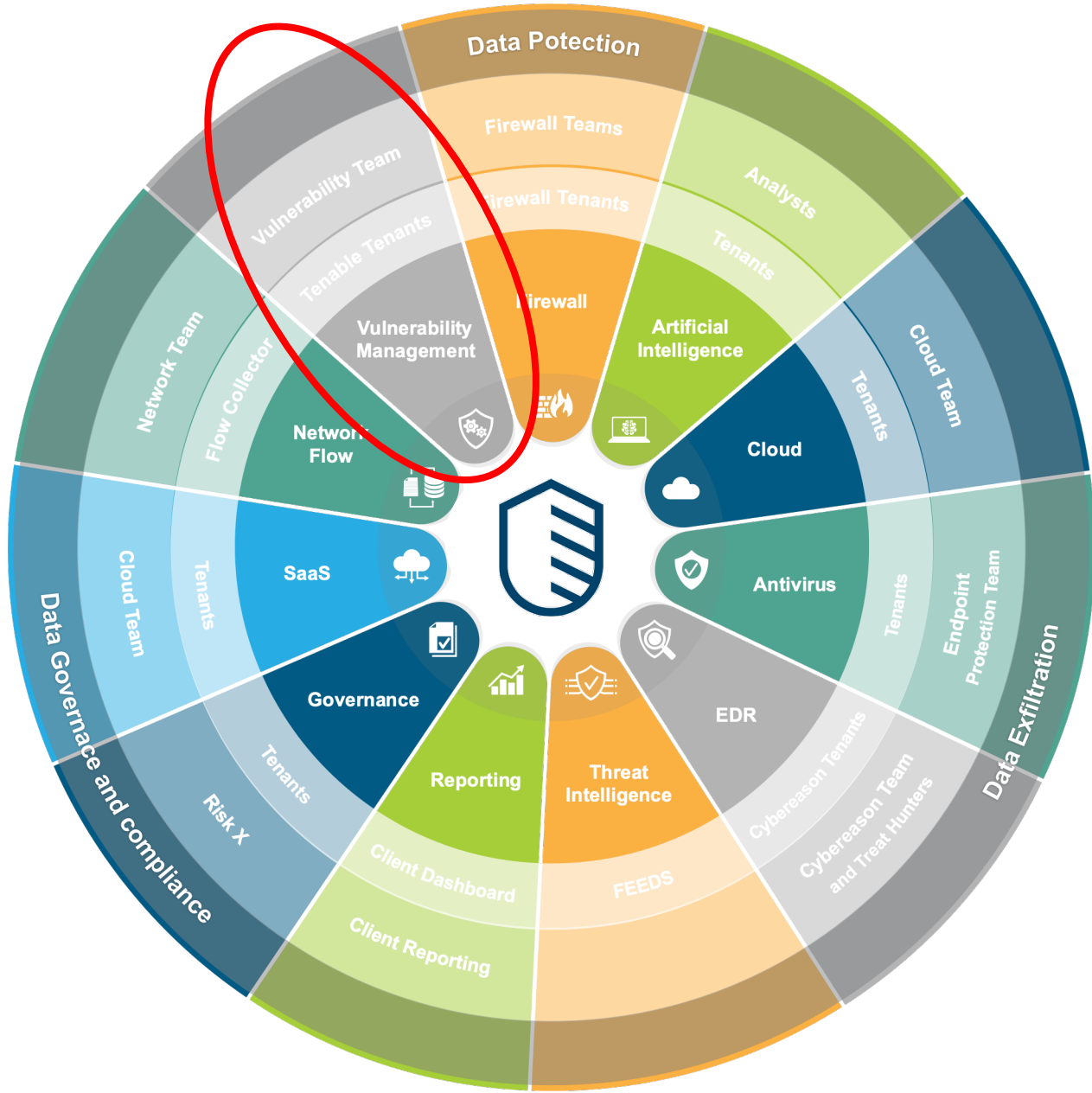
## Find the users to target and elevate access

Various methods are then used to find credentials or even more recently target users

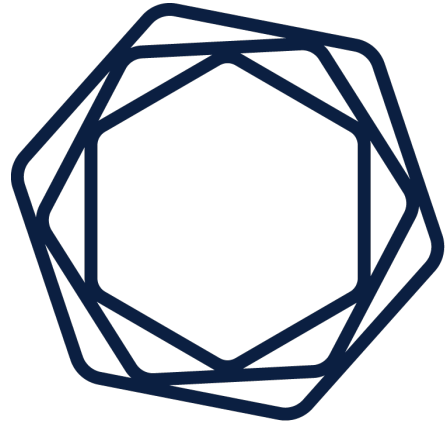


## Deploy Malware and create foothold

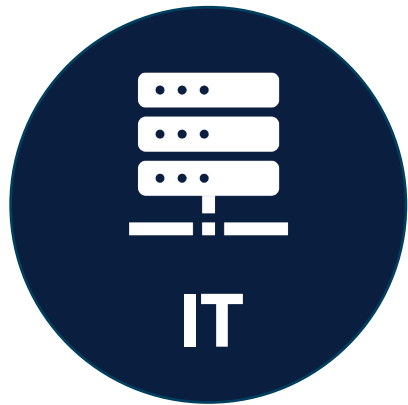
Deploy patient zero and start lateral movement to create foothold for cyber breach



# SecNet 5.0 Framework



# tenable<sup>®</sup>

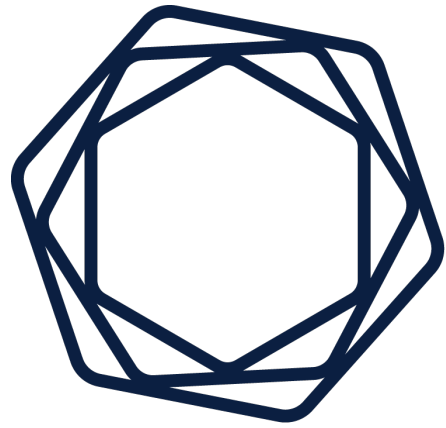


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Thank you