



**cygularity**  
Cyber Security Redefined

# Cyber Security Risk In COVID World

A reality Check and Recommendations?



# As the land lies..

- What is **RISK**?
- The current layout
- What Next ?
- About **\_cygularity**



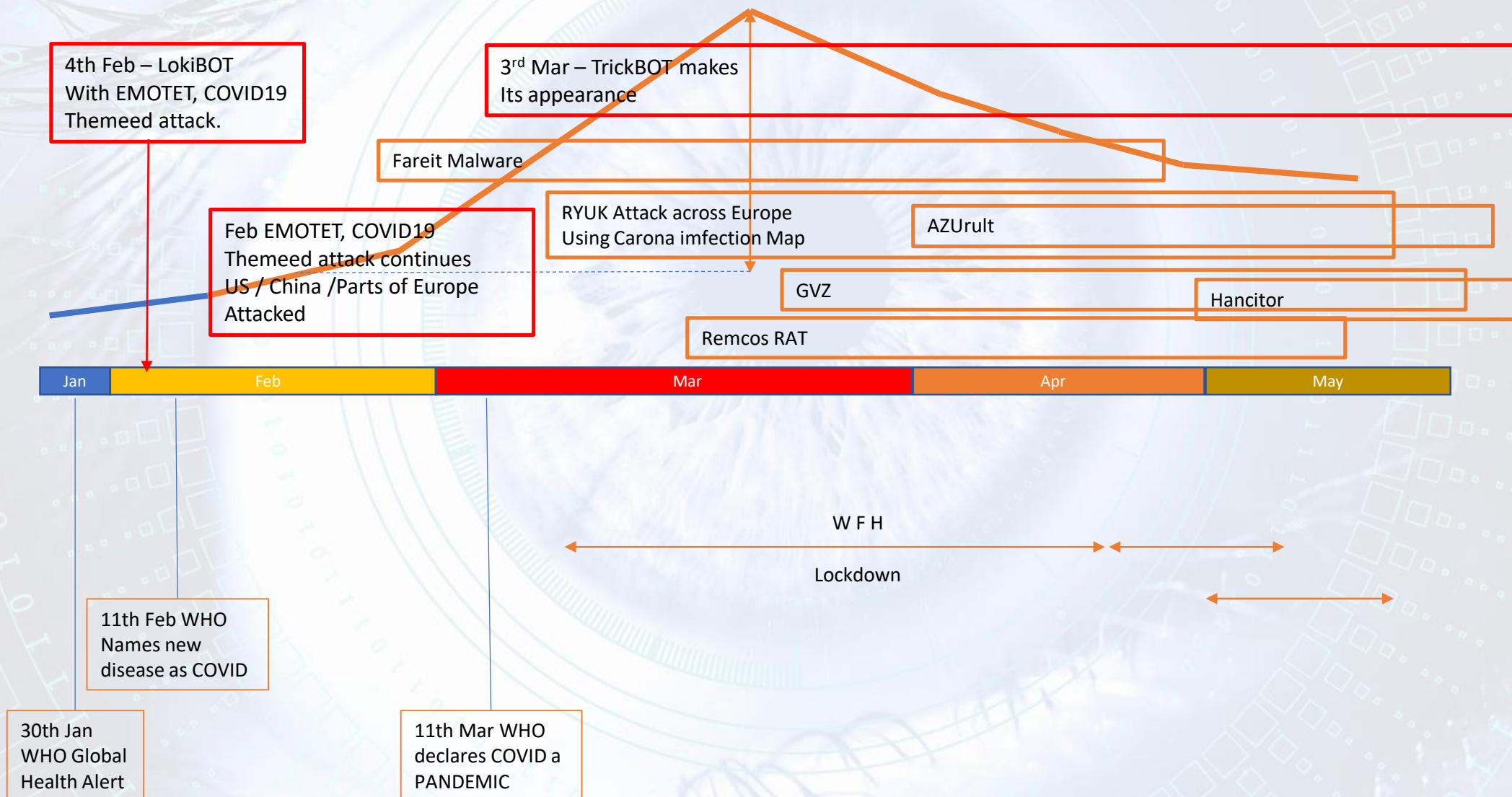


# What is RISK ?

- Risk is the likelihood of reputational or financial loss and can be measure from zero, low, medium, to high. The three factors that feed into a risk vulnerability assessment are:
  - What is the threat?
  - How vulnerable is the system?
  - What is the reputational or financial damage if breached or made unavailable?
- **Cyber risk = Threat x Vulnerability x Information Value**
- There are very few things with zero risk to a business process or information system, and risk implies uncertainty. If something is guaranteed to happen, it's not a risk. It's part of general business operations.



# How it all happened ?







# The COVID19 Paradox

All over the world, the COVID-19 pandemic has been the headline over the past few weeks. COVID-19 has also forced organisations and individuals to embrace new practices such as social distancing, hand washing/sanitizing and remote working. Governments are reconsidering ways to ensure that their countries are stable by developing and enforcing new economic plans. Nevertheless, while the world is focused on the health and economic threats posed by COVID-19, cybercriminals around the world undoubtedly are capitalizing on this crisis. We believe this will impact the Cyber Security world in the following ways -

We have observed a spike in phishing attacks, Malspams and ransomware attacks as attackers are using COVID-19 as bait to impersonate brands thereby misleading employees and customers. This will likely result in more infected personal computers and phones. Not only are businesses being targeted, end users who download COVID-19 related applications are also being tricked into downloading ransomware disguised as legitimate applications.

Phishing

Malware

Ransomware



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# The Explotation

[ПРОДАЖА] 👑 New Exploit and Corona Virus Phishing Method!

Zaher · 23.02.2020



**Zaher**  
floppy-диск

Пользователь

Регистрация: 17.02.2020  
Сообщения: 5  
Реакции: 2  
Баллы: 3

23.02.2020

**New Exploit and Corona Virus Map Phishing method**

Новая Эксплоит плюс разводка с Карт распространения Корона Вирус



Corona Virus is now in all news. And it get 10.000 newly infected every day with growing speed. This is hot topic now.  
Offered method allows to send a payload Preloader masked as a Map.

!!! **PreLoader** has file extension which **can be sent as attachment** by any mail service directly. **Can send to Gmail as attachment too!** See video example

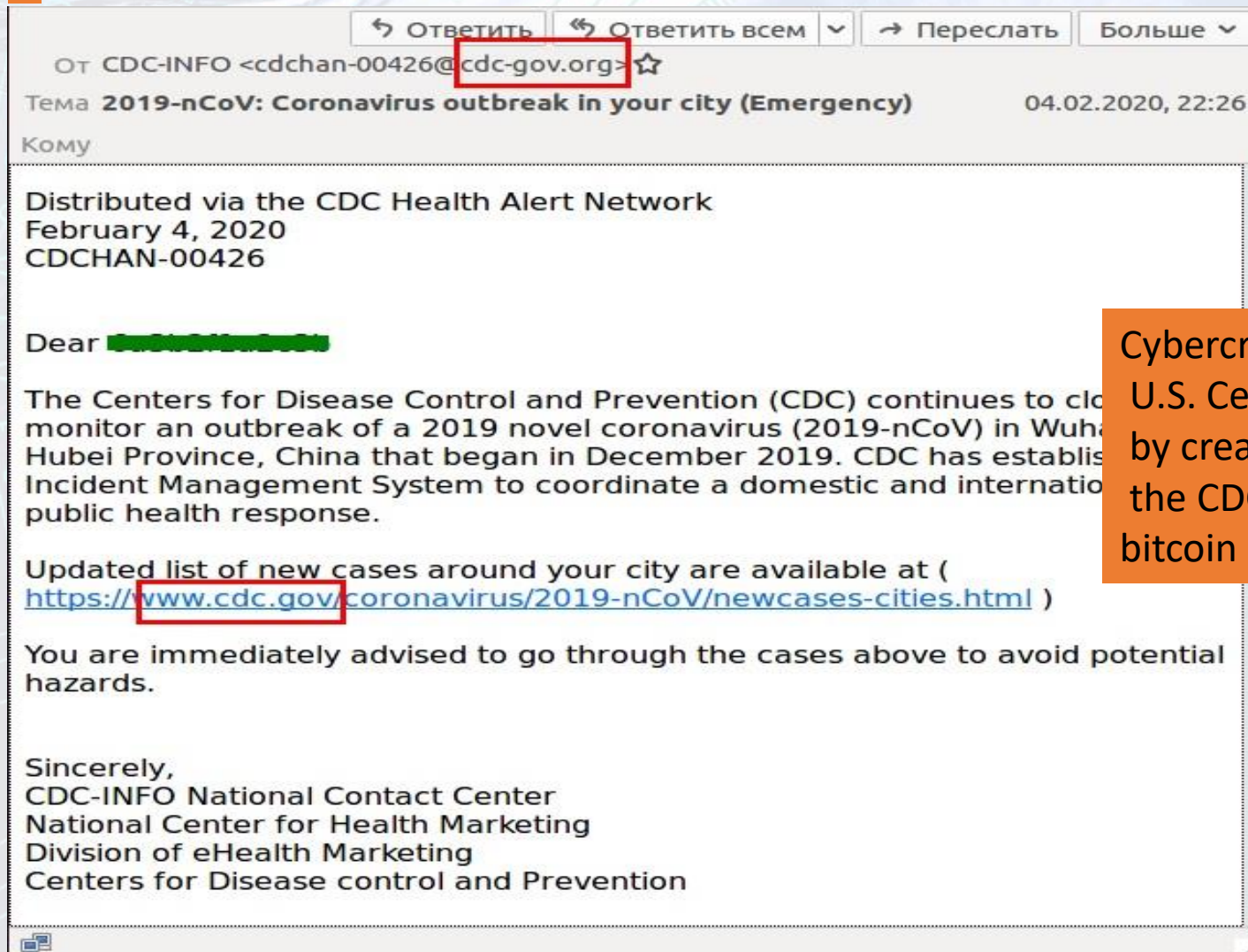
The XSS Russian-language cybercrime forum, for example, is already advertising a COVID-19 themed phishing email kit, priced from \$200 to \$700.





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# The Explotation



Cybercriminals have also impersonated the U.S. Center for Disease Control (CDC) by creating domain names similar to the CDC's web address to request passwords and even bitcoin donations to fund a fake vaccine.



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# The Explotation

## CORONA VIRUS VACCINE 20ML

Type: **Product** | 3/16/2020, 4:30:02 AM | Bitcoin (1) | Cryptocurrency (1) +3

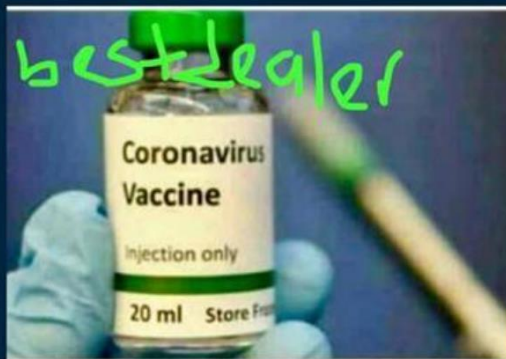


Image Text: bestdealer Coronavirus Vaccine Injection only 20 ml Store F

please can you contact me here for fast and easy communication before you placed your order  
contact my phone  
or whatapp me at  
+1 77 [redacted]  
or email me at [redacted]@gmail.com.  
OR WICKR ME AT : [redacted]  
You can visit our store get what you are looking for, we got many kinds of strains .we do offer  
overnight shipping and tracking immediately when payment is confirm. Delivery within USA is 24hrs.

The VACCINE Sale

## (UQH) SCAMPAGE Service

Type: **Post** | 3/14/2020, 4:14:48 PM | Phishing (6) | Phishing\_site (6) +2

Keeping it real and simple people who know know



**Scam** page service includes teaching etc.

i will setup **scam** page of choice with long lasting results and provide a letter.

i will REFUD once if page gets red page.

any questions or hesitations contact my discord below.

Price for all this

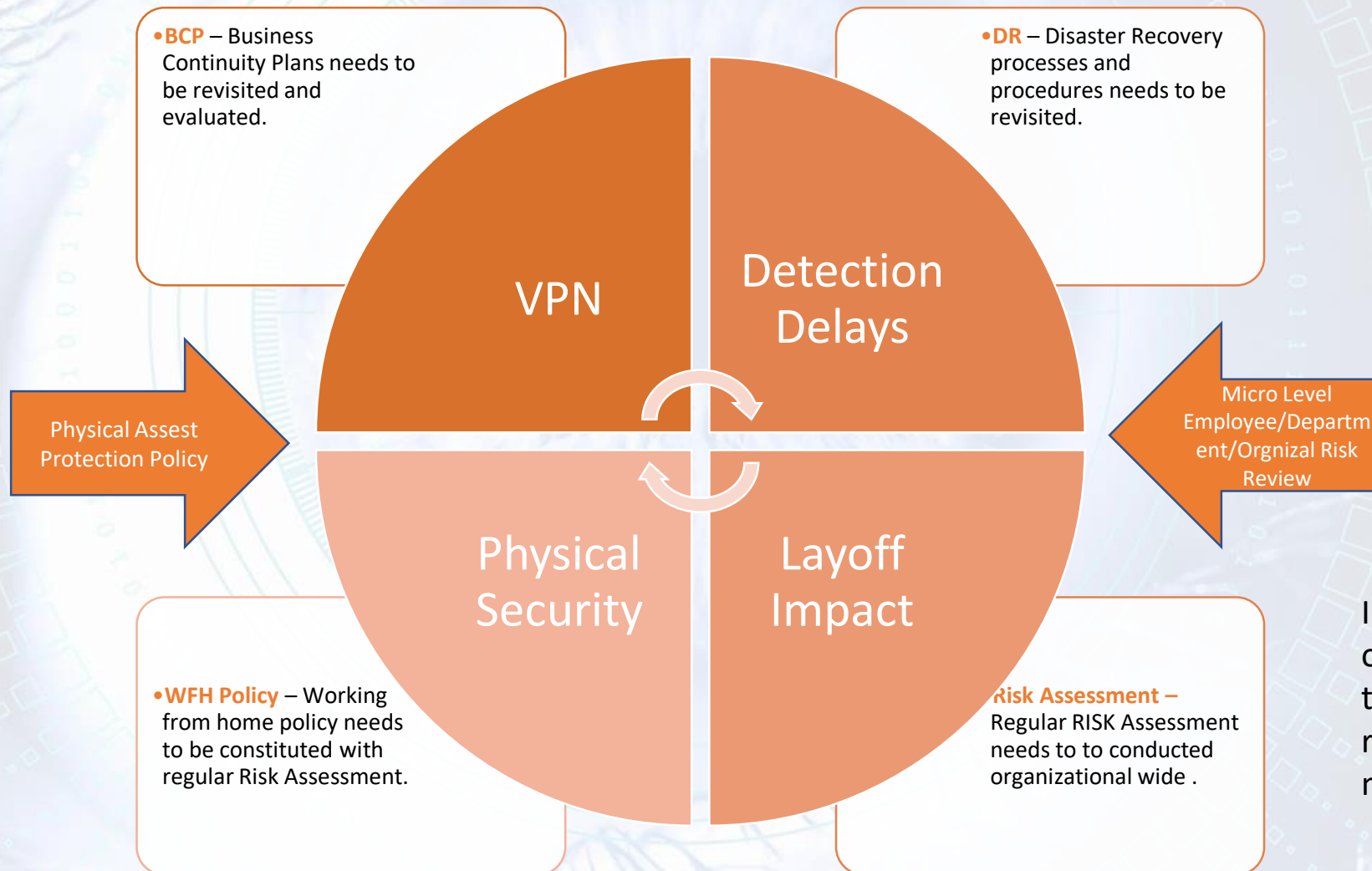
125\$

Phishing 'as a service'





# The New COVID World - Risk



In & Post COVID-19, organizations will need to rethink their cyber risk management measures.



# PEST Analysis – Covid World

## Political

- Elections in India , Indonesia and Thailand. Mid Term Elections in Philippines
- Change of Govt. in Malaysia.
- Political unrest in Indonesia and India.
- Escalating U.S.-China tariffs may begin to be felt in 2019 as multinational corporations make decisions about their shifting their supply chains, with some potentially relocating manufacturing from China to Southeast Asia.
- Border dispute in India

## Social

- Asia Pacific has a diverse demographics that is rich in culture and ethnicity.
- The population is likely to reach 4.5 billion by 2030 (Ref :Asia Pacific in 2030: The Future Demographic, 2017)
- Per capita income is rising and the market consists of vibrant and dynamic communities that are being early adopters of new technology .
- About 44% of global internet users belong to APAC region
- Emerging middle class group earning between \$2-\$20/day
- A huge consumer base owning smartphone and engaging in m-commerce (Ref :**Digital in Asia Pacific: Four things you need to know, 2017**)
- Largest unemployment rate seen since 1932

## Economic

- Asian ( # Pacific) economies is set to grow at 5.2% . Currently ASIA is 62% of the Global GDP. This is expected to slow down to 2-3% in Covid World.
- Singapore, Malaysia and Thailand are promoting efforts on a variety of investments and providing safeguard against discrimination through special treaties. However Economic slowdown looms large across the region.
- An expected economic growth of 5.6% in Asia is forecasted by 2019 (Asia Pacific Good Times, Uncertain Times: A Time to Prepare, 2018)
- COVID related special scheme to help industries in play in most markets.

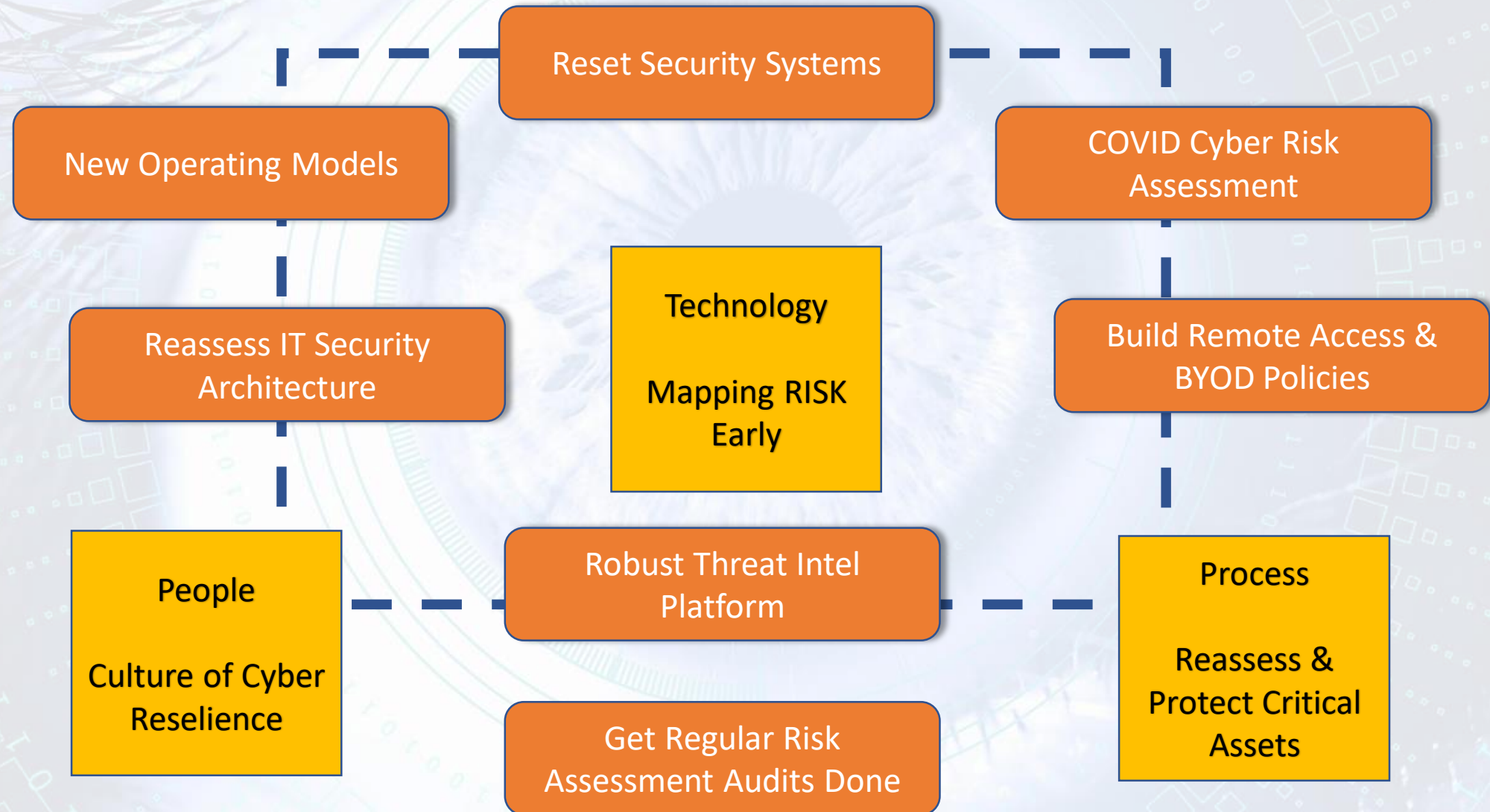
## Technology

- Presence of tech Giants like China's Alibaba and Baidu that are changing Asia's digital landscape
- Most of the population open to new technology and mobile internet, making business opportunities easier to capture and more lucrative
- Australia, New Zealand and India are being the leaders in embracing digital transformation
- About 60% of APAC organizations are moving towards automation and integrated solutions.
- 5G becoming a reality in the region with early adopters like Malaysia and Singapore ( ?).





# Reality Check – What Next ?





# About \_cygularity

Founded in 2018, \_cygularity is a young boutique cyber security consulting firm. Born out of need to challenge the legacy methodology of resolving cyber security challenges while creating state of art products and services across various sectors.

Hence, our whole effort is to redefine the cyber security space by creating customer centric and exclusively tailored cyber security solutions for our customers.





# Thank You