

S3RV3R BREACH: HACKING TH3

DIGITAL SPAC3

At the dawn of technology the view of the digital space was similar to the perception of mystical concepts, it was something few had access to and it was far more limited and separated from the physical space as well as human identity.

However, in the modern day and age the understanding of the digital space and the architecture of the server has been overlooked and is rapidly gaining a new context, displaying a varying pattern. From the outsider perspective, the server either appears as something quite dull or on the contrary complex and impressive, immediately making a parallel with the sci-fi cinematographic works exemplified by “Matrix” and a multitude of movies on the topic of hackers. What many fail to see is that the structure of the server space is not an utterly technology based design.

Humans have a tendency to subconsciously embed patterns and themes, that we observe and experience in the material world onto its alternative version- the digital world.

The servers contain not just data about our past and store important information that is crucial to us building our future. Due to extreme digitalization nearly every person on the planet has a digital id, their personal blueprint in the cyberspace, particularly on the servers which sustains said id. That personal data individual to each person that produces it creates an alternative identity, as how we present ourselves on the internet is very limited in terms of grasping all of the sides of our identity and often times distorts the reality. So in a way the servers contain an alternative reality of the people in the real world, which subsequently makes them separate “form of life” and individuals that are similar to the reflection in a crooked mirror: you can somewhat recognize the person

looking back at you, yet your brain doesn't make a match between you and your own reflections identity.

Looking particularly at the structure of the space that contains servers it might at first seem a bit obscure. However, the way it is constructed and is operated bears a striking similarity to the two different societal structures, in the kingdom of insects and humans. The way the data is being transported, sectioned, the main server in control of others and even the architecture of the server space is reminiscent of a beehive. A place where shape and structure of the architecture combine with its function, the way both a beehive and the servers that uphold precious data have to function at all times and there is a purpose to each and every action taken. This resemblance of something born from technology isn't a rare occurrence as many high tech projects from architecture to vehicles have been inspired by nature, as that is something more superior than our own creations have been to date. When it comes to resemblance of servers to the human society it's quite obvious. There is a hierarchy of data on the servers, one that will be buried under the miscellaneous tag and another that will remain determined as valid and important for years. The difference in the structure of the servers is the machine learning mechanism and lack of the human factor in automated processes. The server's algorithm doesn't possess an understanding of feelings and emotions that are inevitably attached to all the data that we produce, due to our associations and memories tied to it. So when it comes to sorting data to different categories it is so far impossible to accurately do so with the use of automated processes of the machines. That is connected to the reality of the amount of categories being quite limited in comparison with the constant progress that occurs every hour of the day, but most importantly because of existence of content that might be so deeply personal or obscure that it can't be categorized.

In conclusion, we cannot yet fully hack the mystery of the deep connection between the server space and the real world, our identity and our avatar in

the cyberspace. However, for now it's important to remember, that we have to maintain our focus on both the real and digital worlds, create our own perception of reality based on both, while properly analyzing information that we receive, and finally share our perceptions with each other to broaden our collective landscape of irl and cyberspaces.