

# Swarm Malware

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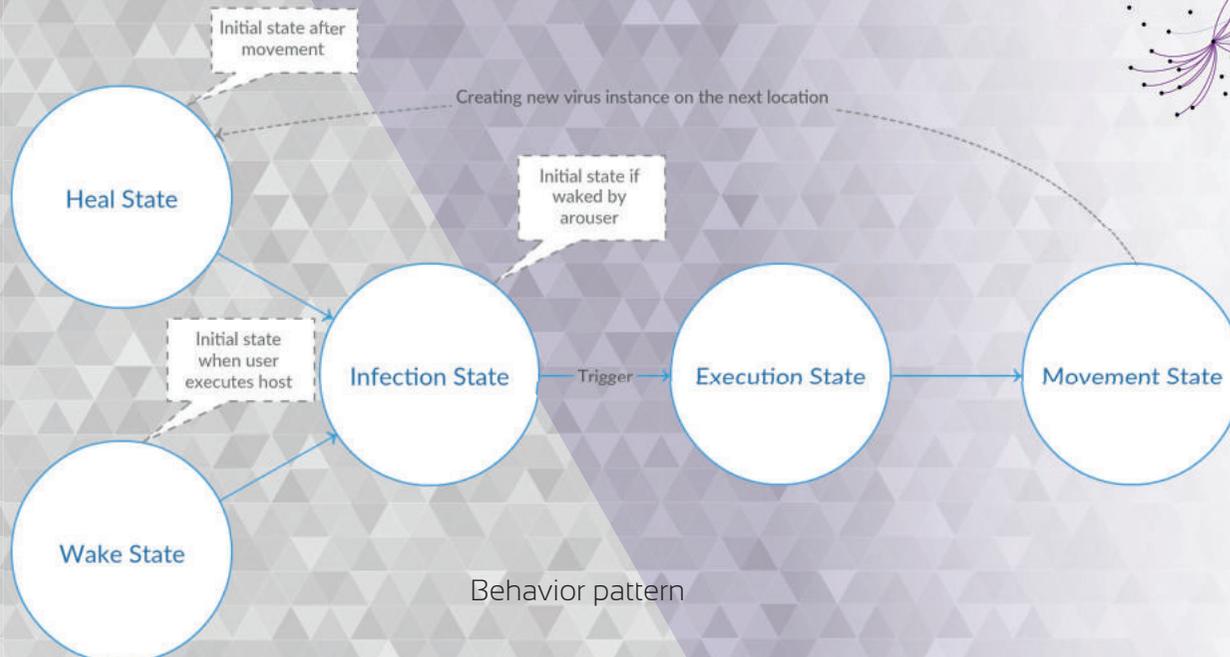


## Swarm malware:

- Malware, whose behavior pattern resembles a behavior of a swarm in nature
- Utilizes principles of swarm intelligence algorithms, namely Ant Colony Optimization
- Converts the tree structure of the file system to a network

## Utilization:

- Analysis of behavior in order to prevent against similar threats
- In antivirus (the need for further research)
- Possibility to map a file system into a given topology (TSP calculation)



## Results:

Example of a network structure

