

Emoji DGA Generation

Explanation: This DGA generates domains using emojis.

Usefulness: This type of DGA can be useful for malware authors to create domains that appear obfuscated and less suspicious.

Strengths: The generated domains are less likely to be recognized as DGA domains and may bypass filters.

Weaknesses: The emoji pattern may be detectable, and the emoji set used may be known or reverse-engineered.

Deception: This DGA can be deciphered by analyzing the pattern of generated domains and identifying the emoji set used.

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www.🚀🌍😬😂😍😍😬.gov

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Regex for Emoji Generated DGAs: [r|w|m|e|o|c|v|i|g|h|f|t|]+|^👉🎆😄😂💡😍😜🚀👍.🌐]{0,2}{1,3}

Yara rule:

```
rule dga_domain_detection {  
    meta:  
        description = "Detects DGA-generated domain names"  
    strings:  
        $dga_regex = /[r|w|m|e|o|c|v|i|g|h|f|t|]+[^\p{L}\p{N}]{0,2}\p{L}{1,3}/ nocase  
    condition:  
        $dga_regex  
}
```

Note: Can use <https://riskmitigation.ch/yara-scan/> or MalwareBazaar <https://bazaar.abuse.ch/> but will need API Key