

Wordlist-based DGA Generation

Explanation: This DGA generates domains by combining random words from a predefined wordlist.

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

Strengths: The generated domains are more likely to bypass filters and appear legitimate.

Weaknesses: The wordlist used may be known or detectable, and the pattern of combining words may be recognizable.

Deception: This DGA can be deciphered by analyzing the pattern of generated domains and identifying the wordlist used and the word combination algorithm.

www.figdate.net

www.cherrykiwi.org

www.grapemango.org

www.appleapple.gov

www.grapeapple.net

www.cherryfig.org

www.mangolemon.com

www.figkiwi.gov

www.figmango.net

www.elderberry.info

Regex for Wordlist-based Generated DGAs: `[v|d|y|l|w|e|o|a|i|g|n|m|k|c|p|f|t|r|h]+[^\b.]{0,2}{1,3}`

Yara rule:

```
rule dga_domain_detection {
  meta:
    description = "Detects DGA-generated domain names"
  strings:
    $dga_regex = /[v|d|y|l|w|e|o|a|i|g|n|m|k|c|p|f|t|r|h]+[^\b.]{0,2}{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