Fibonacci-based Generator DGA Generation

Base32/Base64 DGA Generation
Explanation: This DGA generates domains by encoding a seed value using Base32 or Base64 encoding.
Usefulness: This type of DGA can be useful for malware authors to create a unique set of domains for C&C communication or data exfiltration, based on a shared seed value.
Strengths: The generated domains are unpredictable without knowledge of the seed value and the encoding scheme used.
Weaknesses: If the seed value or the encoding scheme is compromised, the generated domains can be predicted.
Deception: This DGA can be deciphered by analyzing the pattern of generated domains and attempting to reverse-engineer the seed value and the encoding scheme.

```
www.bXlzZWVk56.info
www.ZGVlc3l.org
www.bXlzZWVk.gov
www.ZGVlc3lt.com
www.bXlzZWVk.info
www.ZGVlc3lt9.org
www.bXlzZWVk.edu
www.ZGVlc3lt.org
www.bXlzZWVk17.info
www.ZGVlc3lt2.edu
```

Regex for Base32/Base64 Generated DGAs: `[X|d|l|w|o|G|e|W|Z|i|g|n|k|b|c|f|V|t|r|u|z]+|[3]+|[^9mv257.61]{0,2}{1,3}`

Yara rule:

```
 rule dga_domain_detection {
    meta:
        description = "Detects DGA-generated domain names"
    strings:
        $dga_regex = /[X|d|l|w|o|G|e|W|Z|i|g|n|k|b|c|f|V|t|r|u|z]+|[3]+|[^9mv257.61]{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