Seed-based DGA Generation
Explanation: This DGA generates domains based on a seed value and a hash function.
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 hash function used.
Weaknesses: If the seed value or the hash function 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 hash function.
Random seed: G+/Mn@IrfnvN%(C)
www.ffa1a30f.net
www.dd9a96b.info
www.8fdee18b65.biz
www.96d6e8b2c.biz
www.1ca4b60.net
www.4d5f90ef2.biz
www.3774bea66.org
www.6e5a4085.net
www.fb6e92d.biz
www.596200c.org

Regex for Seed-based Generated DGAs: [r|w|e|o|a|b|c|d|i|g|n|f|t|z]+|[9|4|0|8|2|3|5|7|6|1]+|[^.]{0,2}{1,3}

Yara rule:

```
 rule dga_domain_detection {
    meta:
        description = "Detects DGA-generated domain names"
    strings:
        $dga_regex = /[r|w|e|o|a|b|c|d|i|g|n|f|t|z]+|[9|4|0|8|2|3|5|7|6|1]+|[^.]{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