Pseudorandom Number Generator (PRNG) based DGA Generation
Explanation: This DGA generates domains using a pseudorandom number generator (PRNG) seeded with a specific value.
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 PRNG algorithm used.
Weaknesses: If the seed value or the PRNG algorithm 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 PRNG algorithm.
www.atxmr1kxh1.org
www.9lwf706k.net
www.emvub3vb.biz
www.aaklsg0gly.net
www.coh5n9lq1.biz
www.cktajow8.org
www.yuadd2fy.net
www.xn6h4da.info
www.09mxh9jf5.net
www.onkksj8f7.com

Regex for Pseudorandom Number Generator (PRNG) based Generated DGAs: [v|d|y|l|w|o|x|a|e|i|g|n|m|k|b|c|j|f|t|s|r|u|h|z]+|[9|0|8|5|7|6|1]+|[^423q.]{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|o|x|a|e|i|g|n|m|k|b|c|j|f|t|s|r|u|h|z]+|[9|0|8|5|7|6|1]+|[^423q.]{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