Musical Notes DGA
Explanation: This DGA generates domains using musical notes and octaves.
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 musical note pattern may be detectable, and the note and octave sets used may be known or reverse-engineered.
Deception: This DGA can be deciphered by analyzing the pattern of generated domains and identifying the note and octave sets used.
www.B3G3C4F2G5E3C1G2C5E1.net
www.C4G3G2F1G1F5A3A3.info
www.E5D5D2F4E1E4A3B5C5F2.info
www.C4E2B4D3E2A1B3E1.com
www.F1A5G1F5E2B1E3D3C3.com
www.F3A3A1C4F2B2D4.org
www.A2C5D5G5B5C5G1.net
www.F3B2D3C1B4G5E2.com
www.A1D3A1B3D3E4C4.net
www.A3F1F1E5D4D2E5.gov

Regex for Musical Notes Generated DGAs: [w|m|e|G|o|D|c|A|C|i|E|g|B|n|f|t|F]+|[4|2|3|5|1]+|[^r.v]{0,2}{1,3}

Yara rule:

```
 rule dga_domain_detection {
    meta:
        description = "Detects DGA-generated domain names"
    strings:
        $dga_regex = /[w|m|e|G|o|D|c|A|C|i|E|g|B|n|f|t|F]+|[4|2|3|5|1]+|[^r.v]{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