



ENTROPY

DATA CENTER NVS



9

7

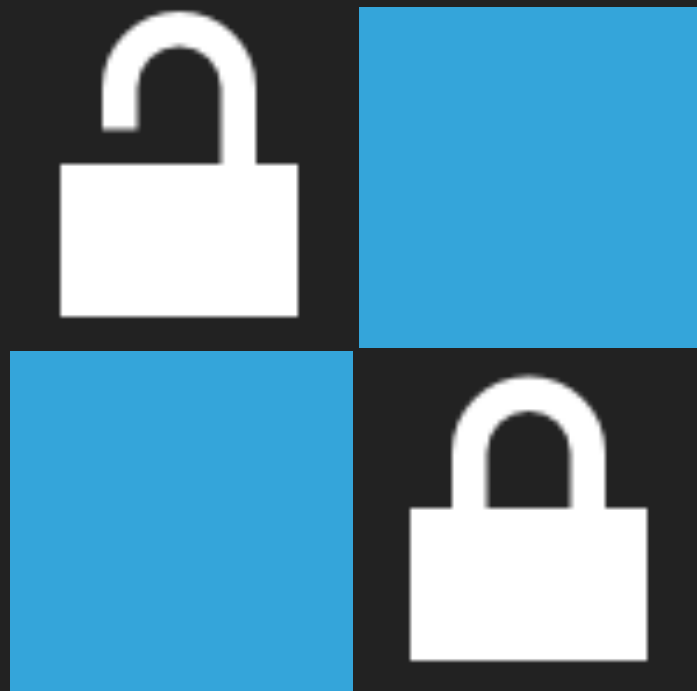
<https://xkcd.com/221/>

```
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{  
    return 4; // chosen by fair dice roll.  
              // guaranteed to be random.  
}
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- ▶ Bad entropy compromises keys
- ▶ Computers are very bad at making things up! (not always)
- ▶ Entropy therefore often is limited (esp. after booting!)
- ▶ Use what the API provides (SecureRandom)
- ▶ RTFM



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PATTERNS

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