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- Chuck and Sara *only trust each other*
 - Each holds a participating piece of the binding relationship

- Closed system
 - Single entity trust model
 - Explicit control over who “talks” to whom



• Given it is difficult* to determine

$$v:g:N \quad x$$

$$v = g^x \% N$$



• represents a binding relationship through

$$x=5, v=6, g=2, N=13$$

structures

Structure

- $x = 5, v = 6, g = 2, N = 13$ represents a binding relationship through

$$v = g^x \% N$$

- Given $v : g : N$ it is difficult* to determine x
- Chuck and Sara *only trust each other*
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* The SRP problem is linked to the Diffie-Hellman problem which is linked to the discrete logarithm problem

SRP & ALS