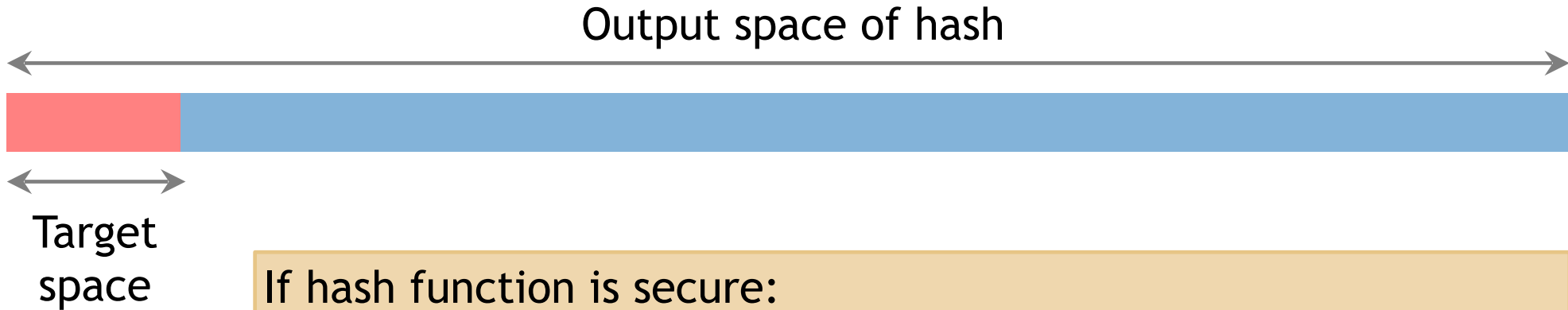
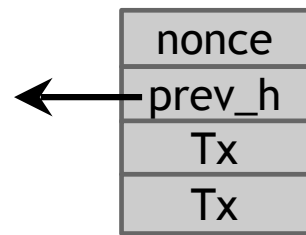


To create block, find nonce s.t.

$H(\text{nonce} \parallel \text{prev\_hash} \parallel \text{tx} \parallel \dots \parallel \text{tx})$  is very small



If hash function is secure:  
only way to succeed is to try enough nonces until you get lucky