

Misc

Encryption/Hashing

Block Ciphers

- ECB - Electronic Code Block
- CBC - Cipher Block Chaining
- OFB - Output Feedback
- CTR - Counter

Common Encryption algorithms

Name	Bits	Key length
DES	64	56
3DES	168	112
IDEA	128	
RC4	128	40
RC5	2048	0
AES	256	
RSA	2048	

Linux Password Hashes

- 1 - MD5
- 2ay - Blowfish
- 5 - SHA256
- 6 - SHA512

DNS

Record Type	Data
A	IPv4
AAAA	IPv6
CNAME	canonical name
ANAME	
SOA	Start of Authority
NS	Name Server
MX	Mail Exchange
TXT	Text record for various (SPF, DMARC, etc)
PTR	Pointer record

Zone transfers happen over TCP 53. DNS queries over 53

Revision #1

Created 2026-01-12 22:17:35 UTC by Vlad Birgauanu

Updated 2026-01-12 22:28:16 UTC by Vlad Birgauanu