



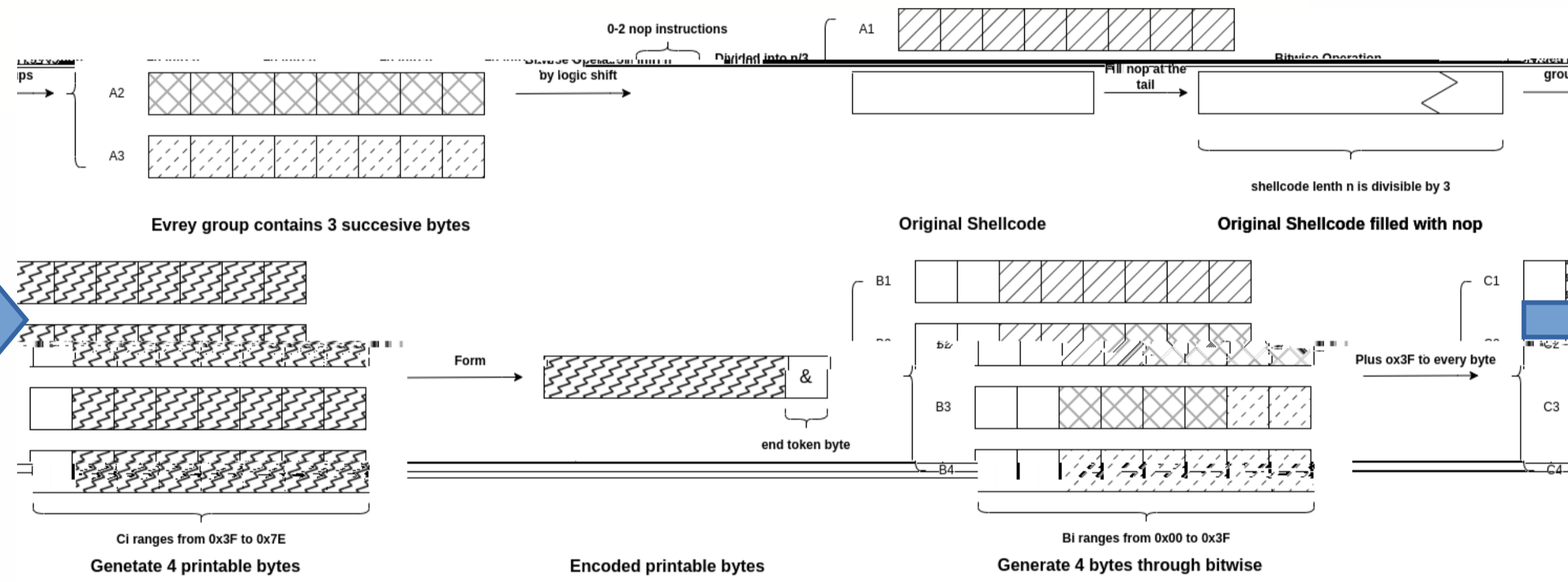
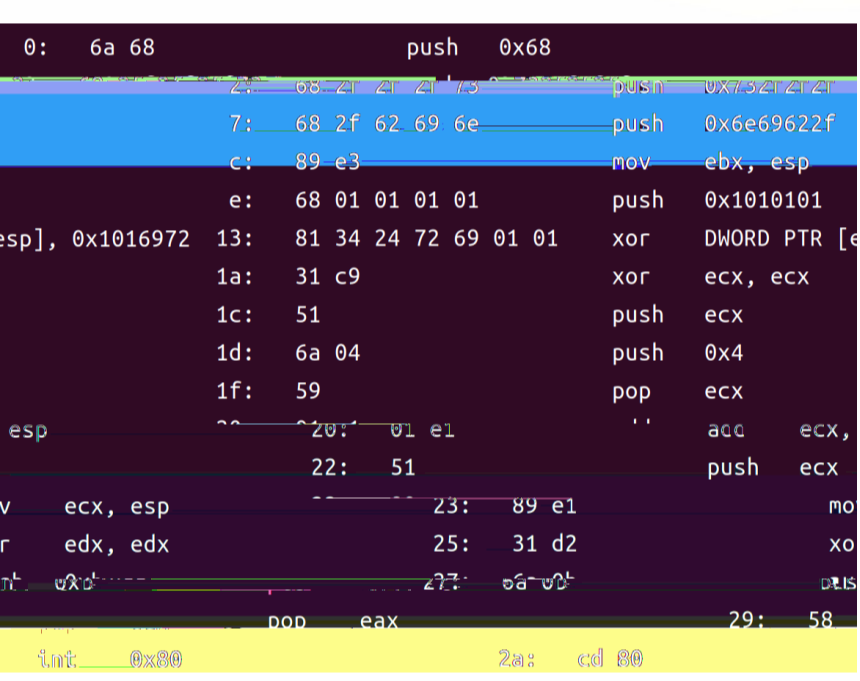
x86

shellcode

Least Information Redundancy Algorithm of
Printable Shellcode Encoding for x86

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shellcode
0
ASCII
shellcode
6
shellcode
3
shellcode
4
Lycan
Lycan
decoder
shellcode
shellcode



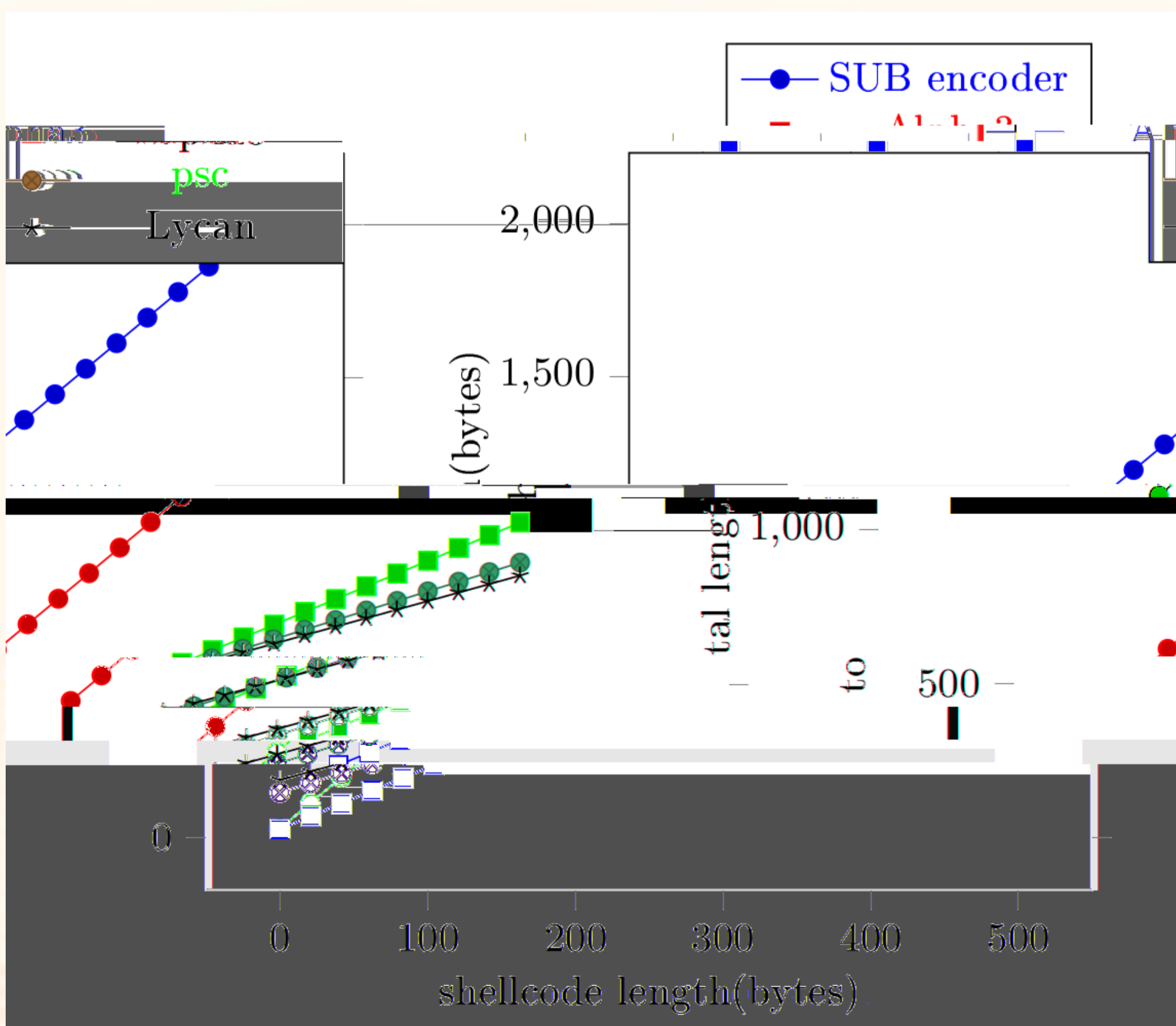
57 65 64 6D Ye`gJq{n[u_nWedm
49 46 48 68 21 30 07 05 0E 0B
02 07 1 7 15 16 5 2 0 7 0 0 0 0 0 0
/rWA0Ye`g 59 65 60 67| wRFQY_lw

shellcode

shellcode

shellcode
shellcode

shellcode
shellcode



SUB encoder	Alpha3	psc	Lycan	Shellcode	Original		
109	68	176	216	execve(/bin/sh) 11	20		
381	204	278	308	INSERTION Encoder 12 / Decoder	88		
				execve(/bin/sh) OpenSSL			
			185	781	398	425	436
			13				
784	713	692		(/etc/passwd + /etc/shadow) + Add Root User (ALI/ALI) To /etc/passwd + Execute /bin/sh 14	378	1549	
1364	1148	1080		Reverse (127.0.0.1 :53/UDP) Shell (/bin/sh) 15	668	2701	

Met aspl oit SUB encoder
Alpha3 Lycan
shellcode

shellcode
shellcode
Lycan
shellcode