

Subject	Req. IP	bits to borrow	Allc. IP	host cnt (x) net. cnt (y)	subnet mask	wild card	Allocated IP
HR	630+2	$2^{10} > 632 > 2^9$	1024	$x=10$ $y=22$	$255.255.252.0$	$0.0.3.255 \rightarrow 192.168.2.0 - 192.168.5.255$ $0.0.3.255 \rightarrow 192.168.6.0 - 192.168.9.255$	
Testing	530+2	$2^{10} > 532 > 2^9$	1024	$x=10$ $y=22$	$255.255.252.0$	$0.0.0.127 \rightarrow 192.168.10.0 - 192.168.10.127$	
SSKCM.	78+2	$2^7 > 80 > 2^6$	128	$x=7$ $y=25$	$255.255.255.128$	$0.0.0.127 \rightarrow 192.168.10.128 - 192.168.10.159$	
Analys				$x=5$ $y=27$	$255.255.255.224$	$0.0.0.8 \rightarrow 192.168.10.128 - 192.168.10.159$	
Admin	30+2	$2^5 > 32 > 2^4$	32	$x=5$ $y=27$	$255.255.255.252$	$0.0.0.3 \rightarrow 192.168.10.160 - 192.168.10.163$	
A	4	$2^2 > 4 > 2^1$	4	$x=2$ $y=30$	$255.255.255.252$	$0.0.0.3 \rightarrow 192.168.10.164 - 192.168.10.167$	
B	4	$2^2 > 4 > 2^1$	4	$x=2$ $y=30$	$255.255.255.252$	$0.0.0.3 \rightarrow 192.168.10.168 - 192.168.10.171$	
C	4	$2^2 > 4 > 2^1$	4	$x=2$ $y=30$	$255.255.255.252$	$0.0.0.3 \rightarrow 192.168.10.172 - 192.168.10.175$	
D	4	$2^2 > 4 > 2^1$	4	$x=2$ $y=30$	$255.255.255.252$	$0.0.0.3 \rightarrow 192.168.10.176 - 192.168.10.179$	