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types of requests * the single server cannot handle all so these requests, so the service slows down m Server 1 Server 2 Server 3 Server * however, how do we distribute requests a our servers?	sending a reque
* However, how do we distribute requests a our servers?	
* hower, how do we distribute requests a our Servers?	Hey are malein Millions of regres
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Server 1 Server 2 Server 3 Server 3 Server 3 Server 4 Nowwer, how do we distribute requests a our Servers?	we acquire
* however, how do we distribute requests a	ore servers
* however, how do we distribute requests a	
our servers?	- 4
our servers?	
	mong
Due use a load balances to evenly the number of requests each server	
He number of requests each server	distribute
	cet

hequests	have	equest IDs	
		Lottese IDs are and we can sa from O	random y they're randomly generated to M-1
		to we take this we hash it o	request ID (we'll refer to it as r)
		h(r,) -> m,	pped to a particular server
			% n (n being the # of servers)
			the result of this, we send the hashed request (m1) to the respective server
ex) h(1).	-> M.		
		- Fflis request u	uill go to server 2.
*So in a	general		Should be uniformly random
		have uniform	et all of the servers to
		if you have x re	number of servers
		you will have x	load and
	* 1.	your load factor is a	



