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## Content based routing For Human NET works

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**Abstract—** One of the influential building blocks for content based Networking (CBN) is a name based routing scheme that can route frankly on content names instead of IP addresses. However, moving the address space from IP addresses to content names brings scalability issues to a whole new level, due to two reasons. First, name aggregation is not as trifling a task as the IP address aggregation in BGP routing. Second, the number of addressable contents in the Internet is quite a lot of orders of magnitude higher than the number of IP addresses. With the current size of the Internet, name based, anycast routing is very exigent chiefly when routing proficiency is of prime significance. Within this service model, we propose a routing scheme that ropes forwarding beside multiple loop-free paths, aggregates addresses for scalability, does not entail per-packet network state, and leads to near-optimal paths on average.