## Semantic Overlay Networks for P2P Content Search

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	Feasibility Analy	SIS	
	Decomptor	Default	
	Palallelel R Minimum handwidth available	1 VD/n	
	$D_{\rm c}$ Avg. # of peighbors at level 0	1 KD/S	
	D. Avg. # of neighbors at level o	T Sa	
	$L_i$ # of initiator levels	llog Npl	
	min. Min # of trees in ton-level forest	Sa /4	
	$N_{0}^{0}$ # of clusters per peer	10	
	$N_C^i$ # of clusters per level- <i>i</i> initiator	100	
	$N_C$ # of trees in top-level forest	$> S_{\pi}/4$	
	$N_i = 0$ fineers/zones at level i	Np	
	N <sub>+</sub> Tetal # of poers in the network	(SZ)4	
	NP Total # of peers in the network	100000	
	S == Size of a CD	$\sim 158-$	
	SCD Size of facture mater	$\approx 1.55F$	
	$S_F$ Size of realist every $s_{12}^{5}$	200 bytes	
	SM Size of packet overhead	100	
	JZ Avg. Zone size	60 seconds	
	ta Time between synchronization points	10 seconds	
	ve # of this periods allowed for intra/mer-zone clustering step	2	
	v <sub>m</sub> Reduction value	4	
	Table 1. Parameters and default values used in the cost n	nodels.	
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