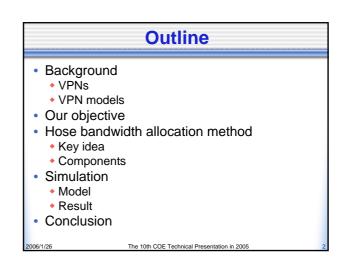
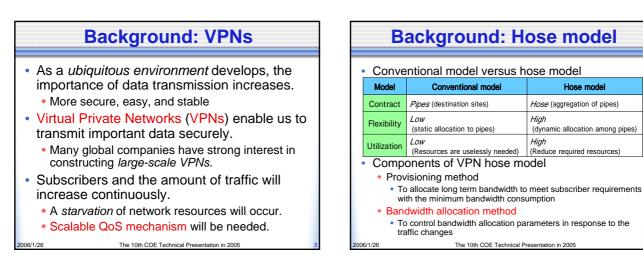
Performance evaluation of hose bandwidth allocation method using feedback control and class-based queueing for VPNs

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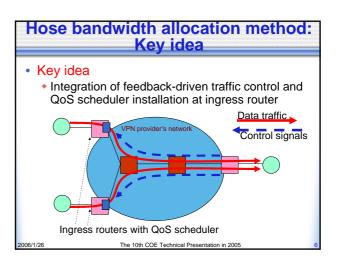


Hose model



Our objective					
 To meet QoS assurance and high utilization, we produce a hose bandwidth allocation method. Without this method, instantaneous changing traffic cannot be accommodated. Our requirements in terms of QoS assurance Proportional fair bandwidth allocation among subscribers Fair bandwidth allocation among active sites with in the allocated bandwidth for the subscriber 					
 High utilization 		۱	An example of fair bandwidth allocation (%)		
Time		0	1	2	3
Subscriber X	Site X1	0	100	50	25
	Site X2	0	0	0	25
Subscriber Y	Site Y1	0	0	50	50

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A2

(A3)

B3

