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## Intelligent Next Generation Network and Cloud Computing

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	Network requirements for deliverying cloud services			
	Functional Requirements	Capability requirements	Current netwok capability	Urgency
	1) VM migration intra-IDC and inter-IDCs	Aware of virtual machines + Migration of network policies	Virutalization awareness not supported	
		End to end layer 2 netwrok	Large layer 2 network in intra-IDC suported Inter-IDCs through IP layer connections, Layer 2 not suported	
	2 ) Multiple IDCs virtualization	Virtualize multiple IDCs into one VDC with layer 2 network	Multiple IDCs virtualization not supported	
	3 ) Routing controllable and customizable	Transport network could achieve customized forwarding and routing for different cloud services and users	Fine-grained agile controling and scheduling not supported	10







