

Performance Management

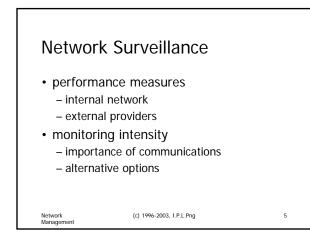
- · availability
 - MTBF
 - MTTR
- error rate
- effective capacity throughput

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• peak / off-peak

	(mc) $(0()$
	(115) (76)
	T&T 35.0 0.01
Sprint 48.88 0.08	print 48.88 0.08
Cable & Wireless 42.0 0.01	able & Wireless 42.0 0.01





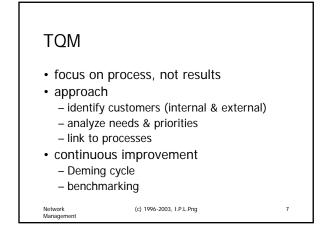
External Surveillance

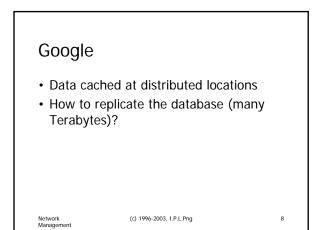
- · weather, fire
- power failure

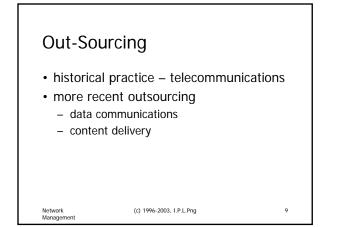
Network Management

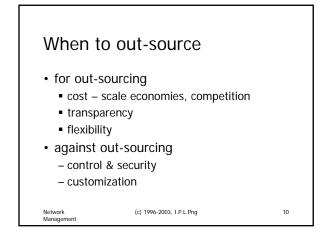
• political/economic emergency

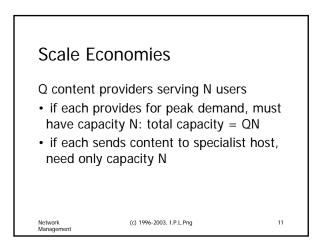
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Out-sourcing: Checklist

- integration
- quality assurance
- customer service
- documentation
- training

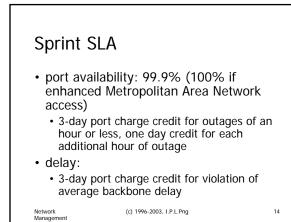
Network Management

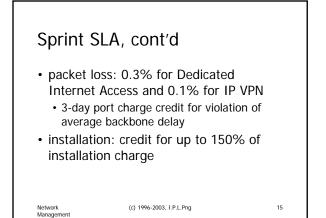
research and development

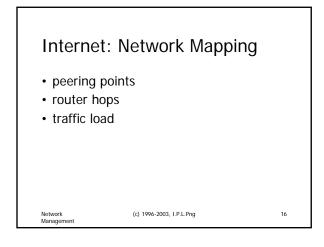
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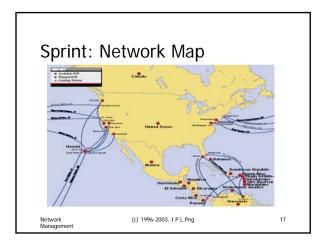
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Akamai: Edge Solution

Deploy servers at network edge

- · closer to end-user
- avoid peering points and reduce router hops to end-user

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• modified URLs to improve caching accuracy

