

# *5 measures of Network Performance*

Network performance refers to measures of service quality of a network as seen by the customer.



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1

Bandwidth commonly measured in bits/second is the maximum rate that information can be transferred

2

Throughput is the actual rate that information is transferred



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3

**Latency** - the delay between the sender and the receiver decoding it, this is mainly a function of the signals travel time, and processing time at any nodes the information traverses

4

**Jitter** - variation in packet delay at the receiver of the information



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5

Error rate - the number of corrupted bits expressed as a percentage or fraction of the total sent



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## Examples of latency or throughput dominated systems:

- ✓ Satellite
- ✓ Deep space communication
- ✓ Offline data transport



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*Thank you!*

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