Executive Report #1
Fundamental of Utility Computing
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Utility computing is a service provisioning model in which a service provider makes computing resources and infrastructure management available to the customer as needed, and charges them for specific usage rather than a flat rate. The utility computing model offers a number of benefits to both service providers and users. From the provider's perspective, actual hardware and software components are not set up or configured to satisfy a single user, as in the case of traditional computing.For users, the most prominent advantage of utility computing is the reduction of IT-related operational costs and complexities. Users no longer need to invest heavily or encounter difficulties in building and maintaining IT infrastructures.

Operating of utility computing model is to offer range of IT services and also to compel users to make use of utility service facility. There should be also effectiveness of communication.A variety of communication mediums like (email,SMS etc) can be used.Every service should be explained to user so that he can decide whether is it appropriate to its need.A support function must be available for each service offered. A service delivery agreement and measurement must be there.

Rationale:

- There is no initial cost for infrastructure.
- There is no maintenance
- Flexibility, Scalability, Reliability is there.
- Consumer doesn't have to worry about the infrastructure.
- The main benefit of utility computing is better economics.
- Minimise licensing new software

Tinder uses the AWS service. It depends whole on the AWS service for its infrastructure,networking. Its website is also managed by the AWS. If there is crash at AWS server then Tinder website crashes without any report to the user. The same thing happened with AirBnb. So to avoid this we should not keep all the information at the same place.There should not be requirement forecasting.

With the significant advances in Information and communicationsTechnology (ICT) over the last half century, there is an increasingly perceived vision that computing will one day be the 5th utility (after water,electricity, gas, and telephony).

References:

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