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Cloud Service Life Cycle of IT Services Through Sematic Technology

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Abstract: - In Information Technology (IT) as a service delivered to the end user is a paradigm shift that is quick dynamic way of business appearance looks at the role of IT within the organization. The service is non inheritable on associate as-needed basis and might be termed as service on demand. Typically, the service is hosted on a cloud or a computing grid and is delivered to the organization via the net or mobile devices. School and university IT organizations area unit expected to stay up with a protected list of competitive demands, such as Deploying applications and delivering web-based services at a highly fast rate, typically while not a proportionate increase in budget for hardware, software, and personnel. Maintaining a conventional IT infrastructure progressively unable to accommodate the growing range of private devices as well as tablets, good phones, and laptops that students bring into the field surroundings giving spare information measure to accommodate large swings in network usage. To resolve this drawback the projected system presents a brand new integrated methodology for the life cycle of IT services delivered on the cloud and demonstrate however it may be a represent and reason concerning services and repair necessities then automating service acquisition and consumption from the cloud. The IT services life cycle is divided Into 5 phases of necessities, discovery, negotiation, composition, and consumption, every part and describes the ontology's that have developed to represent the ideas and relationships for every point to point . However this life cycle will automate the usage of cloud services, projected system and describe a cloud storage image.