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| Jadeja, Yashpalsinh, and Kirit Modi. "Cloud computing-concepts, architecture and challenges." *2012 international conference on computing, electronics and electrical technologies (ICCEET)*. IEEE, 2012. | | | |

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| Abstract |  |
| “Cloud” computing a comparatively term, stands on decades of research & analysis in virtualization, analytical distributed computing, utility computing, and more recently computer networking, web technology and software services. Cloud computing represents a shift away from computing as a product that is purchased, to computing as a service that is delivered to consumers over the internet from large-scale data centers – or “clouds”. Whilst cloud computing is obtaining growing popularity in the IT industry, academic appeared to be lagging behind the developments in this field. It also implies a service oriented designed architecture, reduced information technology overhead for the end-user, good flexibility, reduced total cost of private ownership, on-demand services and many other things. This paper discusses the concept of “cloud” computing, some of the issues it tries to address, related research topics, and a “cloud” implementation available today | |

**Please specify which Sustainable Development Goal (SDG) (s) falls under your research:**

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| Goal 1 | No Poverty | Goal 2 | Zero Hunger |
| Goal 3 | Good Health and Well-Being | Goal 4 | Quality Education |
| Goal 5 | Gender Equality | Goal 6 | Clean Water and Sanitation |
| Goal 7 | Affordable and Clean Energy | Goal 8 | Decent Work and Economic Growth |
| Checkmark PNG, Checkmark Transparent Background - FreeIconsPNGGoal 9 | Industry, Innovation and Infrastructure | Goal 10 | Reduced Inequalities |
| Goal 11 | Sustainable Cities and Communities | Goal 12 | Responsible Consumption and Production |
| Goal 13 | Climate Action | Goal 14 | Life below Water |
| Goal 15 | Life on Land | Goal 16 | Peace, Justice and Strong Institutions |
| Goal 17 | Partnerships for the Goals |  |  |