



## SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(IoT and Cybersecurity Including BCT)

COURSE NAME: cloud service management

IV YEAR / VII SEMESTER

Unit II-

Topic: Risk Management



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Figure 1 The cloud computing risk management framework proposed in this paper

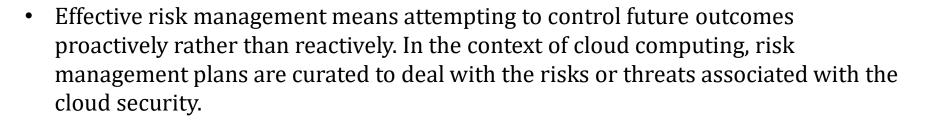


### What is Risk Management in Cloud Computing?



- Before learning risk management, let us take a glance at cloud computing. Cloud computing is a technology that allows its user to access resources such as storage, memory, network, and computing; these resources are physically present at any geographical location, but can be accessed over the internet from anywhere in the globe.
- This advancement in technology has revolutionised the working of businesses and organisations. More and more organisations are investing in cloud deployment infrastructure rather than on-premise infrastructure.
- This mobilization of technology introduces new risks associated with cloud computing, which needs to be treated with foresight.
- To manage these risks, risk management plans are implemented by organisations. Risk management is the process of identifying, assessing, and controlling threats to an organisation's system security, capital and resources.







- Every business and organisation faces the risk of unexpected, harmful events that can cost the organisation capital or cause it to permanently close.
- Risk management allows organisations to prevent and mitigate any threats, service disruptions, attacks or compromises by quantifying the risks below the threshold of acceptable level of risks.