

# Question Paper

Exam Date & Time: 29-Apr-2024 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal School of Information Sciences (MSIS), Manipal  
Second Semester Master of Engineering - ME (Cloud Computing) Degree Examination - April / May 2024

### Cloud Security Essentials [CDC 5205]

**Marks: 100**

**Duration: 180 mins.**

**Monday, April 29, 2024**

**Answer all the questions.**

- 1) Illustrate common types of security attacks (BL 3, CO 1, PO 1) (10)
- 2) Explain the 5 different verticals of cyber security (BL 2, CO 4, PO 1) (10)
- 3) Identify the importance of CloudTrail along with its difference with CloudWatch (BL 4, CO 3, PO 3) (10)
- 4) Illustrate ACM private CA with block diagram for building public key infrastructure. (BL 3, CO 2, PO 3) (10)
- 5) Explain AMAZON Inspector with its security benefits. (BL 2, CO 1, PO 3) (10)
- 6) Demonstrate the network ACL with its difference with security group (BL 3, CO 1, PO 1) (10)
- 7) Illustrate the IAM terminology (BL 3, CO 3, PO 2) (10)
- 8) Illustrate the security design principles on AWS (BL 3, CO 2, PO 2) (10)
- 9) Explain the security triad to highlight the important aspect of information security within an organization (BL 2, CO 4, PO 1) (10)
- 10) Explain the shared responsibility model with a use case. (BL 2, CO 2, PO 1) (10)

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