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1. Microsoft Security, Compliance, and Identity Fundamentals: Describe the concepts of security, compliance, and identity

1. Describe security and compliance concepts

1. Introduction

趋势

组织数据访问(公司内网环境 外部服务器) 安全性和合规性问题

对应

1) 组织要清楚应如何保护好自己的数据, 不论它由何处访问(内网或是云端)

2) 公司的保护对策是否符合行业和法规要求.

重点概念

责任共担模型

深层防御

零信任模型

加密和哈希算法

2. Describe the shared responsibility model

首先要搞清楚云服务有哪些类型, 不同类型对应的责任分担是不同的.

- 软件即服务(SaaS)
- 平台即服务(PaaS)
- 基础结构即服务(IaaS)

下图已经描述得很清楚了.

Shared responsibility model

Responsibility	SaaS	PaaS	IaaS	On-premises	
Information and data	Customer	Customer	Customer	Customer	RESPONSIBILITY ALWAYS RETAINED BY CUSTOMER
Devices (Mobile and PCs)	Customer	Customer	Customer	Customer	
Accounts and identities	Customer	Customer	Customer	Customer	
Identity and directory infrastructure	Microsoft	Customer	Customer	Customer	RESPONSIBILITY VARIES BY SERVICE TYPE
Applications	Microsoft	Customer	Customer	Customer	
Network controls	Microsoft	Customer	Customer	Customer	
Operating system	Microsoft	Microsoft	Customer	Customer	RESPONSIBILITY TRANSFERS TO CLOUD PROVIDERS
Physical hosts	Microsoft	Microsoft	Microsoft	Customer	
Physical network	Microsoft	Microsoft	Microsoft	Customer	
Physical datacenter	Microsoft	Microsoft	Microsoft	Customer	

Microsoft
 Customer

2. Describe identity concepts

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