

ECE09488 Assignment

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1. **What type of cloud network traffic incurs fees?**
 - c. Egress traffic from a database
2. **Which of the following is a legitimate CIDR block for a subnet? Choose TWO.**
 - a. 172.300.7.0/25
 - b. 192.168.4.0/24
3. **Which of the following concepts is ensured by redundant routers and switches?**
 - b. HA
4. **Which IP address belongs within the CIDR block 172.25.1.0/23?**
 - a. 172.25.2.10
5. **Which tier is most protected?**
 - c. Data tier
6. **Which cloud stack layer corresponds to IaaS services?**
 - b. Network layer
7. **Which technology is used to improve vNIC performance?**
 - d. SR-IOV (single root input/output virtualization)
8. **How do you change applicable routes in an Azure VNet?**
 - d. Override system routes with custom routes
9. **What factor is improved by SR-IOV?**
 - b. Performance
10. **Which cloud platform's VPC or VNet can extend beyond a single region?**
 - c. GCP