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B1 Hons. CCVT

**CAD Continuous Evaluation Week 2**

When choosing between Amazon Web Services (AWS) and Microsoft Azure as the public cloud platform to host applications, I would like to choose Azure because-

1. **Feature and capabilities:** When it comes to Infrastructure as a Service capacity for functions such as storage, networking, and virtual machines, AWS and Azure are comparable. But that equality falls apart when Azure and AWS are compared on the basis of their Platform as a Service offering. Azure is miles ahead in giving app developers what they want. Azure has a range of tools and services for advanced analytics and AI, including Azure Machine Learning, Azure Cognitive Services, and Azure Databricks.
2. **Scalability and availability:** Scalability is the ability of a system to handle increased load. Services covered by Azure Autoscale can scale automatically to match demand to accommodate workload. These services scale out to ensure capacity during workload peaks and return to normal automatically when the peak drops.
3. **Cost-effective:** Azure’s pricing is competitive with AWS and offers flexible pricing models, including pay-as-you-go, reserved instances, and spot instances.
4. **Security and Compliance:** Azure protects your data, services, and applications based on Security Development Lifecycle, an industry-leading assurance protocol. Microsoft has been a leader in security for years. Microsoft was the first to meet [ISO 27018](https://azure.microsoft.com/en-ca/blog/azure-first-cloud-computing-platform-to-conform-to-isoiec-27018-only-international-set-of-privacy-controls-in-the-cloud/).In relation to compliance, Azure provides comprehensive coverage with more than seventy compliance offerings.