**Module 0**

AZ900 : <https://www.microsoft.com/en-us/learning/exam-az-900.aspx>.

MSLearn : <https://docs.microsoft.com/en-us/learn/paths/azure-fundamentals>

Labs: [AZ-900T0x-MicrosoftAzureFundamentals (microsoftlearning.github.io)](https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/)

Skillpipe Textbook Login : <https://www.skillpipe.com/#/account/login>

**Module 1**

Cloud computing - <https://azure.microsoft.com/en-us/overview/what-is-cloud-computing/>

NIST <https://csrc.nist.gov/publications/detail/sp/800-145/final>

What are public, private, and hybrid clouds? - <https://azure.microsoft.com/en-us/overview/what-are-private-public-hybrid-clouds/>

Cloud terms reference guide available at <https://azure.microsoft.com/en-us/overview/cloud-computing-dictionary/>

What is IaaS: <https://azure.microsoft.com/en-us/overview/what-is-iaas/>

What is PaaS: <https://azure.microsoft.com/en-us/overview/what-is-paas/>

What is SaaS: <https://azure.microsoft.com/en-us/overview/what-is-saas/>

**Module 2**

Regions: <https://azure.microsoft.com/en-us/global-infrastructure/locations/>

Region Pairs: <https://docs.microsoft.com/en-us/azure/best-practices-availability-paired-regions>

Geographies locations is available at : <https://azure.microsoft.com/en-us/global-infrastructure/geographies/>

Availability Zones: <https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

Azure Resource Manager: <https://docs.microsoft.com/en-us/azure/azure-resource-manager>

Azure Subscriptions: <https://azure.microsoft.com/en-us/support/legal/offer-details>

Management groups- <https://docs.microsoft.com/en-us/azure/governance/management-groups/>

Azure virtual machines- <https://azure.microsoft.com/en-us/services/virtual-machines/>\

App services- <https://azure.microsoft.com/en-us/services/app-service/>

Azure Container Instances **-** <https://azure.microsoft.com/en-us/services/container-instances/>

Azure Kubernetes Service **-** <https://azure.microsoft.com/en-us/services/kubernetes-service/>

Virtual Desktop - <https://docs.microsoft.com/en-us/azure/virtual-desktop/overview>

Storage services- <https://azure.microsoft.com/en-us/product-categories/storage>

Azure Databases- <https://azure.microsoft.com/en-us/product-categories/databases>

Azure Cosmos DB- <https://azure.microsoft.com/en-us/services/cosmos-db>

Azure SQL Database- <https://azure.microsoft.com/en-us/services/sql-database>

Marketplace FAQ- <https://azure.microsoft.com/en-us/marketplace/faq>

**Module 3**

Azure IoT Selector - <https://azure.microsoft.com/en-us/overview/iot/product-selector>

IoT Central **-** <https://docs.microsoft.com/en-us/azure/iot-central>

Azure IoT Hub **-** <https://docs.microsoft.com/en-us/azure/iot-hub>

Azure IoT Sphere - <https://docs.microsoft.com/en-us/azure-sphere>

Azure IoT Services - <https://azure.microsoft.com/en-us/overview/iot>

Azure SQL Data Warehouse- <https://azure.microsoft.com/en-us/services/sql-data-warehouse>

Azure HDInsight- <https://azure.microsoft.com/en-us/services/hdinsight>

Azure Data Lake Analytics- <https://azure.microsoft.com/en-us/services/data-lake-analytics>

Data and Analytics services- <https://azure.microsoft.com/en-us/product-categories/analytics>

Azure Machine Learning Service **-** <https://azure.microsoft.com/en-us/services/machine-learning-service>

Azure Machine Learning Studio **-** <https://azure.microsoft.com/en-us/services/machine-learning-studio>

Artificial Intelligence and Machine Learning services - <https://azure.microsoft.com/en-us/overview/ai-platform>

Azure Logic Apps -<https://docs.microsoft.com/en-us/azure/logic-apps>

Azure Event Grid -<https://docs.microsoft.com/en-us/azure/event-grid>

Serverless services - <https://azure.microsoft.com/en-us/solutions/serverless>

Azure DevOps Services -<https://docs.microsoft.com/en-us/azure/devops>

Azure DevTest Labs -<https://azure.microsoft.com/en-us/services/devtest-lab>

Azure DevOps services - <https://docs.microsoft.com/en-us/azure/#pivot=products&panel=devops>

Azure Advisor - <https://docs.microsoft.com/en-us/azure/advisor>

Azure Monitor- <https://azure.microsoft.com/en-us/services/monitor>

Azure Service Health- <https://azure.microsoft.com/en-us/services/monitor>

Azure Resource Manager - <https://azure.microsoft.com/en-us/features/resource-manager>

Azure Resource Manager Overview - <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview>

Azure Resource Manager Templates - <https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/overview>

**Module 4**

Azure Security - <https://azure.microsoft.com/en-us/services/security-center>

Manage Security Alerts - <https://docs.microsoft.com/en-us/azure/security-center/security-center-managing-and-responding-alerts>

Secure Score - <https://docs.microsoft.com/en-us/azure/security-center/secure-score-security-controls>

Azure Sentinel - <https://azure.microsoft.com/en-us/services/azure-sentinel>

Azure Key Vault- <https://azure.microsoft.com/en-us/services/key-vault>

Azure Dedicate Host - <https://docs.microsoft.com/en-us/azure/virtual-machines/dedicated-hosts>

NSG - <https://docs.microsoft.com/en-us/azure/virtual-network/security-overview#network-security-groups>

Azure Firewall - <https://azure.microsoft.com/en-us/services/azure-firewall>

Azure DDoS Protection- <https://azure.microsoft.com/en-us/services/ddos-protection>

**Module 5**

MFA - <https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-mfa-howitworks>

Azure AD- <https://azure.microsoft.com/en-us/services/active-directory>

Conditional Access - <https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/overview>

Azure RBAC- <https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

Resource Locks - <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

Tags -<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags>

Azure Policy - <https://azure.microsoft.com/en-us/services/azure-policy>

Azure compliance - <https://azure.microsoft.com/en-ca/overview/trusted-cloud/compliance>

Microsoft Privacy Statement - <https://privacy.microsoft.com/en-us/privacystatement>

Online Services Term - <https://www.microsoft.com/en-us/licensing/product-licensing/products>

Data Protection Addendum -- <https://www.microsoftvolumelicensing.com/DocumentSearch.aspx?Mode=3&DocumentTypeId=67>

Trust Center - <https://www.microsoft.com/trustcenter>

Microsoft Compliance - <https://docs.microsoft.com/en-us/azure/compliance>

Azure Government - <https://azure.microsoft.com/en-us/global-infrastructure/government>

Azure China 21Vianet- <https://docs.microsoft.com/en-us/azure/china>

Module 6

Azure usage charges - <https://docs.microsoft.com/en-us/azure/billing/billing-understand-your-invoice>

Cost Management - <https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-best-practices>

Azure Reservations - <https://azure.microsoft.com/en-ca/reservations>

Azure Hybrid Benefit - <https://azure.microsoft.com/en-ca/pricing/hybrid-benefit>

Azure Pricing Calculator - <https://azure.microsoft.com/en-ca/pricing/calculator/?&ef_id=CjwKCAiA_eb-BRB2EiwAGBnXXhk4f0V8jeTAkxOLTa1O_zbYDJWo_m6rNotM56uC9GlFntT06fPpvhoCheQQAvD_BwE:G:s&OCID=AID2100017_SEM_CjwKCAiA_eb-BRB2EiwAGBnXXhk4f0V8jeTAkxOLTa1O_zbYDJWo_m6rNotM56uC9GlFntT06fPpvhoCheQQAvD_BwE:G:s>

TCO calculator- <https://azure.microsoft.com/en-us/pricing/tco/calculator>

Cost Management- <https://azure.microsoft.com/en-us/services/cost-management>

Service Level Agreements - <https://azure.microsoft.com/en-us/support/legal/sla/?azure-portal=true>

Azure Preview - <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms>

Azure Uptades - <https://azure.microsoft.com/en-us/updates>