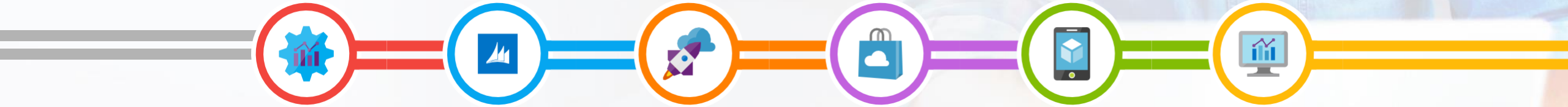
Microsoft

FY17 Q3 UPDATE

AZURE LEARNING MAP

For Enterprise Partners



Microsoft

Azure

Learn by Service

Learn by Certification

Learn by Solutions

Learn by Roles

Learn By Certification

Microsoft Azure is the cloud for modern business.

Find learning paths to help you pass exams or accreditations. Includes learning paths for Business Enablement, Sales specialist, Pre-sales technical specialist, MPN technical assessments and Microsoft certification exams. Also includes learning paths to help you achieve your Microsoft Certified Solutions Associate (MCSA) and Microsoft Certified Solutions Expert (MCSE) certifications FAST!

Find Sales assessment in the MPN Learning Path, click below to find more details

Sales

Certification prep guidance for Microsoft Certification Exams, click below to find more details

Technical

Azure Certification Prep Guidance - **Technical**

When you receive Azure certification, and become a Microsoft Azure Specialist, you'll gain professional recognition for your expertise covering the full breadth of architecting, developing, and administering Azure solutions.

- Our exam process is changed and as per new process MCSD is being retired from March 2017 and is being replaced by MCSE.
- Azure Certification Prep Guidance will help you in all the following Certifications through Azure Exam and Learning Content Roadmap,
- Azure Skills Initiative facilitates you to advance your skills with Azure training and Certification.

Clicking on following Certifications will guide you through Certification Prep Timeline and Enterprise Partner.

70-532	70-533	70-534	70-473	70-475
Developing Microsoft Azure Solutions	Implementing Microsoft Azure Infrastructure Solutions	Architecting Microsoft Azure Solutions	Designing and implementing Cloud Data Platform Solutions	Designing and Implementing Big Data Analytics Solutions

Microsoft Azure Certification Process

To become a MCSA pass any 2 of the following exams:

- Microsoft Specialist — 70-532: Developing Microsoft Azure Solutions
- Microsoft Specialist — 70-533: Implementing Microsoft Azure Infrastructure Solutions
- Microsoft Specialist — 70-534: Architecting Microsoft Azure Solutions
- Microsoft Specialist — 70-473: Designing and Implementing Cloud Data Platform Solutions
- Microsoft Specialist — 70-475: Designing and Implementing Big Data Analytics Solutions

Microsoft CERTIFIED
Solutions Associate
Cloud Platform

Microsoft Azure Certification Process

To become a MCSA: Linux on Azure – pass the following exams:

70-533: Implementing Microsoft Azure Infrastructure Solutions

Microsoft Specialist

Linux Foundation Certified System Administrator

LINUX FOUNDATION CERTIFIED SYSADMIN

Microsoft CERTIFIED Solutions Associate

Linux® on Azure

New Microsoft Azure Certification Process

Home > Learn by Certification

To become a MCSE: Cloud Platform and Infrastructure

Microsoft Azure Exams

MCSA Cloud Platform + **Elective**

CHOOSE TWO FROM :

» 532: Developing Microsoft Azure Solutions

» 533: Managing Microsoft Azure infrastructure Solutions

» 534: Architecling Microsoft Azure Solutions

» 473: Designing and implementing Cloud Data Platform Solutions

» 475: Designing and implementing Big Data Analytics Solutions

ELECTIVE EXAM POOL (September 2016)

» 532: Developing Microsoft Azure Solutions
» 533: ManagIng Microsoft Azure Infrastructure Solutions
» 534: Achitecting Microsoft Azure Solutions
» 473: Desgning and Implementing Cloud Data Platform Solutions
» 475: Desgning and Implementing Big Data Analytics Solutions
» 744: Securing Windows Server 2016
» 413: Desgning and Implementing a Server Infrastructure
» 414: Implementing an Advanced Server Infrastructure
» 246: Monitoting and Operating a Private Cloud
» 247: Configuring and Deploying a Ptivate Cloud

MCSE Cloud Platform & Infrastructure Earned : 2016

Microsoft
CERTIFIED
Solutions Expert

Cloud Platform and Infrastructure

Microsoft Azure Exams and Learning Content Roadmap MCSD VS MCSA

Home > Learn by Certification

MS Press book are unavailable as they are currently being updated

Azure MS Press

~~MS Press For Exam Prep~~ ~~Exam Ref 70-532: Developing Microsoft Azure Solutions~~

~~Exam Ref 70-533: Implementing Microsoft Azure Infrastructure Solutions~~

~~Exam Ref 70-534: Architecting Microsoft Azure Solutions~~

MS practice Test

- Microsoft Official Practice Test 70-532
- Microsoft Official Practice Test 70-533
- Microsoft Official Practice Test 70-534
- Microsoft Official Practice Test 70-473
- Microsoft Official Practice Test 70-475

Azure Online Resources

MVA Courses For Exam Prep

Developing Microsoft Azure Solutions – 70-532

Implementing Microsoft Azure Infrastructure Solutions – 70-533

Architecting Microsoft Azure Solutions – 70-534

EP Readiness Workshops for Exam Prep

Developing Microsoft Azure Solutions – 70-532

Implementing Microsoft Azure Infrastructure Solutions – 70-533

Architecting Microsoft Azure Solutions – 70-534

Azure MOC

MOC For Exam Prep

20532: Developing Microsoft Azure Solutions(5 day)

20533: Implementing Microsoft Azure Infrastructure Solutions (5 day)

NEW FUNDAMENTALS COURSE

10979: Microsoft Azure Fundamentals (2 day)

- For both IT Pros and Developers
- For new entrants that need essential Azure knowledge and skills before starting down the certification path

Exam Mapped to MSCD Program (Retiring after March 2017)

Developers

Microsoft Office Specialist
532 Developing Microsoft Azure Solutions
AVAILABLE

Microsoft CERTIFIED
Developing Microsoft Azure Solutions

IT Professionals

Microsoft Office Specialist
533 Implementing Microsoft Azure Infrastructure Solutions
AVAILABLE

Microsoft CERTIFIED
Implementing Microsoft Azure Infrastructure Solutions

Architects

Microsoft Office Specialist
534 Architecting Microsoft Azure Solutions
AVAILABLE

Microsoft CERTIFIED
Architecting Microsoft Azure Solutions

Retiring

Microsoft CERTIFIED
Solutions Developer
Azure Solutions Architect

Note: MCSD certification retiring from March 2017. Anybody holding MCSD at present can renew their Certification.

70-532: Developing Microsoft Azure Solutions (Developer)

70-532-Developing Microsoft Azure Solutions course is intended for participants who have experience in developing scalable applications and have a basic understanding and experience of working with the services offered in Azure. This course does not require any existing experience with the ASP.NET platform. It focuses on the architectural considerations and building a highly available solution in the cloud.

This course will give you a beginning to advanced insight on different services of Microsoft Azure like Storage, Virtual Machines, Web Apps, Cloud Services, Azure Active Directory, Virtual Networks and how to access Azure services API call, build, configure & deploy applications for Azure through a hands-on instructor led delivery model.

Certification Prep Timeline help you track your progress toward achieving your goals on Certification.

Exam 70-532 – Certification Prep Timeline

Weeks	Activity	Trackable	Links	Duration
Week 1	Go through MVA courses (or)	X	Course 1 Course 2 Course 3 Course 4 Course 5 Exam Prep Session	15 hours or (6 Days)
	Azure Skills Initiative	✓	Click here	
Week 2	Go through MPN courses	✓	Course 1 Course 2 Practice Test	15 Hours Or (6 days)
Week 3	Go through EP readiness cert prep series (6 sessions of 2-3 Hours each)	✓	Recording for Exam 70-532	15 hours or (6 days)
Week 4	~~Go through MS press book~~	X	~~MS Press for Exam Prep~~ *(MS Press books are currently being updated and are not available for consumption)*	15 hours or (5 days)
Week 5	Azure Trainer the Trainer Boot Camp*	✓	Please contact your Partner Alliance manager to schedule the in-person workshop	40 hours or (5 days)
Week 6 & 7	Take practice test (2 times)	X	Microsoft Official Practice Test 70-532 Microsoft Official Practice Test 70-532	10 days
Week 8	Take the exam	✓	Schedule Exam 70-532	
Total Prep Duration:				45 days (approx.)

Note:- 1 day = 2 hours of prep time

70-533: Implementing Microsoft Azure Infrastructure Solutions (Infrastructure)

70-533-Implementing Microsoft Azure Infrastructure Solutions course is intended for IT professionals who are familiar with implementing and managing on-premises IT deployments that include Active Directory Domain Services, Virtualization Technologies and applications. This course also targets IT professionals who want to take the Microsoft Certification exam 70-533: Implementing Azure Infrastructure Solutions.

This course will provide you a beginner to advanced insight into different services of Microsoft Azure like Storage, Virtual Machines, Websites, Cloud Services, Azure Active Directory, Virtual Networks, Backup & Site Recovery through a hands-on instructor led delivery model. Participants will be able to deploy, configure, monitor, and diagnose cloud services, create and manage Azure AD tenants and configure application integration with Azure AD.

Certification Prep Timeline help you track your progress toward achieving your goals on Certification.

Exam 70-533 – Certification Prep Timeline

Weeks	Activity	Trackable	Links	Duration
Week 1	Go through MVA courses (or)	X	Course 1 Course 2 Course 3 Course 4 Course 5 Exam Prep Session	15 hours or (6 Days)
	Azure Skills Initiative	✓	Click here	
Week 2	Go through MPN courses	✓	Course 1 Course 2 Practice Test	15 hours or (6 Days)
Week 3	Go through EP readiness cert prep series (6 sessions of 2-3 Hours each)	✓	Recording for Exam 70-533	15 hours or (6 Days)
Week 4	~~Go through MS press book~~	X	~~MS Press for Exam Prep~~ *(MS Press books are currently being updated and are not available for consumption)*	15 hours or (5 days)
Week 5	Azure Trainer the Trainer Boot Camp*	✓	Please contact your Partner Alliance manager to schedule the in-person workshop	40 hours or (5 days)
Week 6 & 7	Take practice test (2 times)	X	Microsoft Official Practice Test 70-533 Microsoft Official Practice Test 70-533	10 days
Week 8	Take the exam	✓	Schedule Exam 70-533	
Total Prep Duration:				45 days (approx.)

Note:- 1 day = 2 hours of prep time

70-534: Architecting Microsoft Azure Solutions (Architect)

70-534-Architecting Microsoft Azure Solutions course is intended for Architects, who are interested in validating their Microsoft Azure solution design skills. Participants will be able to learn the features and capabilities of Azure services and will be able to identify tradeoffs and make decisions for designing public and hybrid cloud solutions. After completing this certification, participants will be able to identify appropriate infrastructure solutions and platform solution to meet customer requirements.

This course will give you a beginner to advanced insight on different services of Microsoft Azure like Storage, Virtual Machines, Websites, Cloud Services, Azure Active Directory, Virtual Networks, designing advanced application solutions with HDInsight, Machine Learning and HPC pack. This course includes, how to design solutions for Azure using a combination of different Azure services through a hands-on instructor led delivery model.

Certification Prep Timeline help you track your progress toward achieving your goals on Certification.

Exam 70-534 – Certification Prep Timeline

Weeks	Activity	Trackable	Links	Duration
Week 1	Go through MVA courses	X	Course 1 Course 2 Course 3 Course 4 Course 5 Exam Prep Session	15 hours 0r (6 Days)
	Azure Skills Initiative	✓	Click here	
Week 2	Go through MPN courses	✓	Course 1 Course 2 Practice Test	
Week 2	Go through EP readiness cert prep series (6 sessions of 2-3 Hours each)	✓	Recording for Exam 70-534	15 hours or (6 Days)
Week 3	~~Go through MS press book~~	X	~~MS Press for Exam Prep~~ *(MS Press books are currently being updated and are not available for consumption)*	15 hours or (5 days)
Week 4	Azure Trainer the Trainer Boot Camp*	✓	Please contact your Partner Alliance manager to schedule the in-person workshop	40 hours or (5 days)
Week 5 & 6	Take practice test (2 times)	X	Microsoft Official Practice Test 70-534 Microsoft Official Practice Test 70-534	10 days
Week 7	Take the exam	✓	Schedule Exam 70-534	
Total Prep Duration:				40 days (approx.)

Note:- 1 day = 2 hours of prep time

70-473: Designing and Implementing Cloud Data Platform Solutions

70-473: Designing and Implementing Cloud Data Platform Solutions hands-on course is designed to get knowledge to be able to clear the 70-473: Designing and Implementing Cloud Data Platform Solutions Exam.

This hands-on course focuses on designing and implementing Cloud Data Platform Solutions on Microsoft Azure cloud by using SQL Server on-premises, SQL Server on Azure VM, Azure SQL, and Hybrid solutions where both on-premises and Azure cloud are used.

As a participant you will learn how to design, implement and optimize data workloads in cloud, native and hybrid scenarios with on premise SQL Server, SQL Server on Azure VM and Azure SQL. You will also learn about implementing high-availability data solutions and disaster recovery options for your data platform. We would also discuss features such as data security, monitoring and managing database in cloud.

Certification Prep Timeline help you track your progress toward achieving your goals on Certification.

70-473: Designing and Implementing Cloud Data Platform Solutions

Exam Prep Series	Activity	Trackable	Links	Duration
Week 1	MVA Course	X	Design and Implement Cloud Data Platform Solutions	60 Mins
Week 2	Go through EP readiness cert prep series (6 sessions of 2-3 Hours each)	✓	Recording for Exam 70-473	15 hours or (6 Days)
Week 3	~~Go through MS press book~~	X	~~MS Press for Exam Prep~~ *(MS Press books are currently being updated and are not available for consumption)*	15 hours or (5 days)
Week 4	Azure Trainer the Trainer Boot Camp*	✓	Please contact your Partner Alliance manager to schedule the in-person workshop	40 hours or (5 days)
Week 5 & 6	Take practice test	X	Microsoft Official Practice Test 70-473	10 days
Week 7	Take the exam	✓	Exam 70-473	
Total Prep Duration:				33 days (approx.)

Note:- 1 day = 2 hours of prep time

70-475: Design and Implement Big Data Analytics Solutions

70-475: Design and Implement Big Data Analytics Solutions course is intended for data professionals who have experience designing big data analytics solutions on Microsoft Azure. Candidates should be able to design big data batch processing and interactive solutions as well as big data real-time processing solutions. Candidates should also be able to design machine-learning solutions and create and manage end-to-end cloud analytics solutions.

Certification Prep Timeline help you track your progress toward achieving your goals on Certification.

70-475: Design and Implement Big Data Analytics Solutions

Exam Prep Series	Activity	Trackable	Links	Duration
Week 1	MVA Course	X	Big Data Analytics	60 Mins
Week 2	Go through EP readiness cert prep series (6 sessions of 2-3 Hours each)	✓	Recording for Exam 70-475	15 hours (6 Days)
Week 3	~~Go through MS press book~~	X	~~MS Press for Exam Prep~~ *(MS Press books are currently being updated and are not available for consumption)*	15 hours or (5 days)
Week 4	Azure Trainer the Trainer Boot Camp*	✓	Please contact your Partner Alliance manager to schedule the in-person workshop	40 hours or (5 days)
Week 5 & 6	Take practice test	X	Microsoft Official Practice Test 70-475	10 days
Week 7	Take the exam	✓	Exam 70-475	
Total Prep Duration:				28 days (approx.)

Note:- 1 day = 2 hours of prep time

Enterprise Partners – Certification Prep Workshop Content

Exam Prep Series	Topics	Recording Links
Recording for Exam 70-532 Developing Microsoft Azure Solutions	Cloud Deployment Model & Azure Storage	Click Here
	Azure CDN, Azure VNet & Azure VMs	Click Here
	Creating, deploying, monitoring Azure Websites, Web Jobs	Click Here
	Automate Continuous Integration & Continuous Delivery, Creating and managing Azure VMs, Azure SQL Database	Click Here
	Implement an Azure Active Directory & Design, develop and deploy Cloud Services	Click Here
	Messaging Solutions, Distributed Caching, Business Continuity & Discussing Exam Objectives	Click Here
Recording for Exam 70-533 Implementing Microsoft Azure Infrastructure Solutions	Azure VNet & Azure VMs Part 1	Click Here
	Azure VNet & Azure VMs Part 2	Click Here
	Creating, deploying and managing Azure Web Apps	Click Here
	Implement Azure Storage & Azure SQL Database	Click Here
	Implement an Azure Active Directory & Provisioning resources using PowerShell	Click Here
	Implementing Cloud Services, Azure Backup, Azure Site Recovery & Discussing Exam Objectives	Click Here
Recording for Exam 70-534 Architecting Microsoft Azure Solutions	Azure VMs & Vnets	Click Here
	Cloud Services & Azure Storage	Click Here
	Azure Active Directory, Azure SQL & Azure Mobile Services	Click Here
	Azure Monitoring, Azure CDN & Traffic Manager	Click Here
	HDInsight, Machine Learning, Media Services & Azure Automation	Click Here
	Business Continuity and DR, Architecting on Azure and Exam Discussion	Click Here

Enterprise Partners – Certification Prep Workshop Content

Exam Prep Series	Topics	Recording Links
Recording for Exam 70-473 Designing and Implementing Cloud Data Platform Solutions	Understanding Azure Fundamentals and Introduction to Azure Services like Storage, Virtual Machines and Virtual Network	Click Here
	Microsoft Cloud Data Platform Options; Implementing SQL server on Azure VM; Scaling, Managing, High Availability and DR for SQL Server on Azure VM	Click Here
	Introduction to Azure SQL. Scaling, Managing, High Availability, DR for Azure SQL	Click Here
	Hybrid HA/DR Scenarios with SQL Server, Designing and Implementing Security	Click Here
	Monitor and Manage Azure SQL and SQL Server on Azure VM; Design Considerations and Best Practices; Case Study	Click Here
	Introduction to Azure SQL Data Warehouse; introduction to SSIS intigration with data warehouse; Connecting Azure SQL Database & Data Warehouse with Power BI	Click Here
Recording for Exam 70-475 Design and Implement Big Data Analytics Solutions	Introduction to Big Data, Azure Storage and Azure SQL	Click Here
	Azure Data Lake, Introduction to Lambda Architecture, Batch Processing tools	Click Here
	Real-Time Processing tools, Azure Event Hubs, Azure Stream Analytics	Click Here
	Azure HDInsight	Click Here
	Azure Machine Learning	Click Here
	Azure Data Factory, Power BI, Data Science use cases	Click Here

Learn By Solutions

Home

- Digital Marketing
- Mobile
- E-commerce
- Microservice Applications
- Business Intelligence
- Big data and analytics
- Data warehouse
- Business SaaS apps
- Backup and archive
- Development and test
- Disaster recovery
- Predictive maintenance with IoT
- Remote monitoring with IoT
- Hybrid Integration
- SAP on Azure
- SharePoint on Azure
- Dynamics on Azure
- High performance computing
- Digital media

Digital Marketing

Engage with customers around the world with rich, personalized digital marketing experiences. Quickly build and launch digital campaigns that automatically scale based on customer demand. Analyze and improve campaign effectiveness with the power of data analytics.

App Service

SQL Database

Visual Studio Application Insights

CDN

Redis Cache

Traffic Manager

App Service

App Service is a cloud platform to build powerful web and mobile apps that connect to data anywhere, in the cloud or on-premises

Services	Conversant	Proficient	Expert
App Services	Getting Started with App Service Introduction to Azure App Service	Azure App Service Architecture	Running Enterprise Web and Mobile Apps on Azure App Service
Web App	Introduction		Developer supported series
Mobile App		Mobile Apps	Mobile Apps with Mobile services Add a custom Domain Name
API App	Introduction		Azure API app for Web, Mobile & Logic app
Logic App	Introduction	Integrating your system with Logic Apps	
Function App	Create first Azure Function	Azure Functions	

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Create SQL Database on Azure		SQL for developers

Visual Studio Application Insights

Gain actionable insights through application performance management and instant analytics

- Detect and diagnose exceptions and application performance issues
- Monitor Azure websites, including those hosted in containers, plus websites on-premises and with other cloud providers
- Seamlessly integrate with your DevOps pipeline using Visual Studio Team Services, GitHub and our webhooks
- Get started from within Visual Studio or monitor existing apps without re-deploying

Services	Conversant	Proficient	Expert
Application Insights	Getting started with Visual Studio Application Insights	Setting up Application Insights for monitoring	

CDN

Secure, reliable content delivery with broad global reach and rich feature set

- Accelerated performance and improved availability
- Global coverage with massive scalability
- Simplified experience to enable CDN from multiple providers
- A rich set of API and developer tool
- No commitment, pay for your use, single billing and support
- Different packages available from basic to advanced features

Services	Conversant	Proficient	Expert
CDN	CDN Features CDN Akamai	CDN Endpoint from Akamai	Website speed with Azure storage & CDN Azure Premium features CDN APIs for applications

Redis Cache

High throughput, consistent low-latency data access to power fast, scalable Azure applications

- Fully managed
- High throughput
- Low latency
- High performance
- Secure

Services	Conversant	Proficient	Expert
Redis Cache	Azure Redis Cache	Application Patterns	Administration Options Failover and monitoring

Traffic Manager

Geo-route incoming traffic to your app for better performance and availability

- Improve app availability with automatic failover
- Increase your app's responsiveness
- Enable smooth cloud migration
- Distribute your app traffic equally or with weighted values
- A/B test new deployments
- Seamlessly combine on-premises and cloud systems

Services	Conversant	Proficient	Expert
Traffic Manager	Traffic Manager Introduction	Traffic Manager Creation and Working	Traffic Manager Working in Detail Traffic Manager and Global Load Balancing

Mobile

Connect with your customers wherever they are with mobile backend as a service (MBaaS). Create tailored experiences based on your customers' interests and behavior. Reduce your time to market with cloud services, tools and DevOps designed for delivering mobile solutions.

App Service

Notification Hubs

Traffic Manager

Xamarin Test Cloud

HockeyApp

DocumentDB

App Service

App Service is a cloud platform to build powerful web and mobile apps that connect to data anywhere, in the cloud or on-premises

Services	Conversant	Proficient	Expert
App Services	Introduction to Azure App Service Getting Started with App Service	Azure App Service Architecture	Running Enterprise Web and Mobile Apps on Azure App Service
Web App	Introduction		Developer supported series
Mobile App		Mobile Apps Add a custom Domain Name	Mobile Apps with Mobile services
API App	Introduction		Azure API app for Web, Mobile & Logic app
Logic App	Introduction	Creating Logic Apps Logic Apps manual trigger and stats Fetching Logic Apps using Connectors	Integrating your system with Logic Apps
Function App	Create first Azure Function		Azure Functions

Notification Hub

Send push notifications to any platform from any backend

- Reach all major platforms—iOS, Android, Windows, Kindle, Baidu
- Use any backend, in the cloud or on-premises
- Fast broadcast push to millions of mobile devices with single API call
- Tailor push notifications by user, language, and location
- Dynamically define and notify user segments
- Scale instantly to millions of mobile devices

Services	Conversant	Proficient	Expert
Notification Hub	Notification Hub for Mobile Application	Create Notification Hub in Azure Portal	Notification hubs for mobile Application Notification hubs in Android Application Notification hubs from a Xamarin.Android Application

Traffic Manager

Geo-route incoming traffic to your app for better performance and availability

- Improve app availability with automatic failover
- Increase your app's responsiveness
- Enable smooth cloud migration
- Distribute your app traffic equally or with weighted values
- A/B test new deployments
- Seamlessly combine on-premises and cloud systems

Services	Conversant	Proficient	Expert
Traffic Manager	Traffic Manager Introduction	Traffic Manager Creation and Working	Traffic Manager Working in Detail Traffic Manager and Global Load Balancing

Xamarin Test Cloud

Mobile app testing made easy - Automate your app testing on 2,000 real devices in the cloud. Build quality mobile apps quickly and with confidence.

Services	Conversant	Proficient	Expert
Xamarin Test Cloud			Sample Application on Xamarin Test Cloud

Hockey App

Develop, distribute, and beta-test your mobile apps

- Support for Android, Cordova, iOS, OS X, Unity, Windows, and Xamarin apps
- Get live, reliable crash reports
- Collect in-app feedback from real users
- Open-source SDKs let you know what code is running in your apps
- Integrate with your existing build system and work item management solution

Services	Conversant	Proficient	Expert
Hockey App	Introduction		Hockey App and application insights Added Features

Document DB

NoSQL service for highly available, globally distributed apps—take full advantage of SQL and JavaScript over document and key-value data without the hassles of on-premises or virtual machine-based cloud database options.

Services	Conversant	Proficient	Expert
Document DB	Creating Document DB	Introduction to Azure Document DB Performance with Document DB Planet Scale NoSQL with Document DB	Azure Document DB: Planet Scale NoSQL

E-commerce

No matter what you sell, you need secure and scalable e-commerce solutions that meet the demands of both your customers and business. Engage customers through customized products and offers, process transactions quickly and securely and focus on fulfillment and customer service.

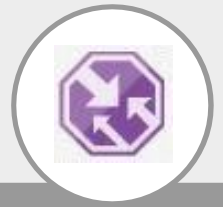
App Service

SQL Database

Azure Active Directory

Visual Studio Application Insights

CDN



Traffic Manager

App Service

App Service is a cloud platform to build powerful web and mobile apps that connect to data anywhere, in the cloud or on-premises

Services	Conversant	Proficient	Expert
App Services	Getting Started with App Service Introduction to Azure App Service	Azure App Service Architecture	Running Enterprise Web and Mobile Apps on Azure App Service
Web App	Introduction		Developer supported series
Mobile App		Mobile Apps Add a custom Domain Name	Mobile Apps with Mobile services
API App	Introduction		Azure API app for Web, Mobile & Logic app
Logic App	Introduction	Creating Logic Apps Logic Apps manual trigger and stats Fetching Logic Apps using Connectors	Integrating your system with Logic Apps
Function App	Create first Azure Function		Azure Functions

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Create SQL Database on Azure		SQL for developers

Azure Active Directory

Identity and access management for the cloud

- Single sign-on to any cloud and on-premises web app
- Preintegrated with Salesforce.com, Office 365, Box and many more
- Enforce multi-factor authentication with SaaS
- Works with multiple platforms and devices
- Integrate with on-premises Active Directory
- Enterprise scale and SLA

Services	Conversant	Proficient	Expert
Active Directory	Active Directory Introduction	AD for Authentication against cloud	Identity Management for Modern Applications Introduction to AD Premium

Visual Studio Application Insights

Gain actionable insights through application performance management and instant analytics

- Detect and diagnose exceptions and application performance issues
- Monitor Azure websites, including those hosted in containers, plus websites on-premises and with other cloud providers
- Seamlessly integrate with your DevOps pipeline using Visual Studio Team Services, GitHub and our webhooks
- Get started from within Visual Studio or monitor existing apps without re-deploying

Services	Conversant	Proficient	Expert
Visual Studio Application Insights	Introduction to Application Insights	Application Insights performance monitoring Application Insight for App Services	Application Insights for Mobile Applications Application Insights for Web Applications

CDN

Secure, reliable content delivery with broad global reach and rich feature set

- Accelerated performance and improved availability
- Global coverage with massive scalability
- Simplified experience to enable CDN from multiple providers
- A rich set of API and developer tool
- No commitment, pay for your use, single billing and support
- Different packages available from basic to advanced features

Services	Conversant	Proficient	Expert
CDN	CDN Features CDN Akamai	CDN Endpoint from Akamai	Website speed with Azure storage & CDN Azure Premium features CDN APIs for applications

Traffic Manager

Geo-route incoming traffic to your app for better performance and availability

- Improve app availability with automatic failover
- Increase your app's responsiveness
- Enable smooth cloud migration
- Distribute your app traffic equally or with weighted values
- A/B test new deployments
- Seamlessly combine on-premises and cloud systems

Services	Conversant	Proficient	Expert
Traffic Manager	Traffic Manager Introduction	Traffic Manager Creation and Working	Traffic Manager Working in Detail Traffic Manager and Global Load Balancing

Microservice Applications

Deliver scalable, reliable applications faster to meet the ever-changing demands of your customers as your business grows. Born-in-the-cloud services built on a rich Microservices platform, free developers from infrastructure concerns and help them realize the full potential of the Cloud.

Azure Container Service

Service Fabric

Azure Container service

Deploy and manage containers using the tools you choose

- Create a container hosting solution optimized for Azure
- Scale and orchestrate applications using DC/OS or Docker Swarm
- Use popular open source, client-side tooling
- Migrate container workloads to and from Azure without code changes

Services	Conversant	Proficient	Expert
Azure Container Service	Overview on Container Service	Azure container service	Building Applications using Azure Container Service

Service Fabric

Build and operate always-on, scalable, distributed applications

- Simplify microservice-based application development and lifecycle management
- Deliver low-latency performance and efficiency at massive scale
- Proven platform used by Azure and other Microsoft services
- Run in Azure, on-premises, or in other clouds

Services	Conversant	Proficient	Expert
Service Fabric	Introduction	Deploying and managing applications with Service Fabric	Service Fabric Architecture Azure service fabric for Developers

Business Intelligence

Transform your company's data to support informed decision making. Gain deeper insight into your data to stay in the know and spot trends as they happen. With modern business intelligence (BI) solutions and tools, your entire organization can understand and quickly act on data.

Power BI Embedded

SQL Data Warehouse

Azure Analysis Services

Power BI Embedded

Bring data to life inside your app

- Easily author interactive reports without writing any code using Power BI Desktop
- Choose modern visualizations out-of-the-box or customize without building them from scratch for your reports
- Easily embed interactive visuals in your app using REST APIs and the Power BI SDK
- Ensure consistent high-fidelity data experiences on any device
- Use your existing authentication and authorization methods
- Speed up time to value without redesigning your existing app
- Pay only for what you use with no upfront costs

Services	Conversant	Proficient	Expert
Power BI Embedded	Introduction	Using Azure Machine learning and Power BI to turn customer feedback into action	Creating BI ecosystem at Microsoft

SQL Data Warehouse

Azure SQL Data Warehouse is a cloud-based, scale-out database capable of processing massive volumes of data, both relational and non-relational. Built on our massively parallel processing (MPP) architecture, SQL Data Warehouse can handle your enterprise workload.

Services	Conversant	Proficient	Expert
SQL Data Warehouse	Overview and Benefits	SQL Data Warehouse SQL Data Warehouse with Redgate Data Platform Studio	A developers Guide to Azure SQL Data Warehouse

Azure Analysis Services

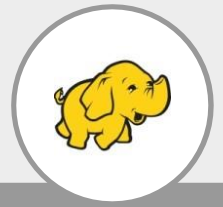
Proven analytics engine

- Get started quickly without managing infrastructure
- Scale resources to match your business needs
- Visualize your data using your favorite data visualization tool
- Govern, deploy, test and deliver your BI solution with confidence15

Services	Conversant	Proficient	Expert
Azure Analysis Service	Overview Getting Started with Azure Analysis Services	Azure Analysis Services Automation Deployment Move Analysis services to cloud	

Big data and Analytics

Deliver better experiences and make better decisions by analyzing massive amounts of data in real time. Get the insight you need to deliver intelligent actions that improve customer engagement, increase revenue and lower costs.



HDInsight

SQL Data Warehouse

Machine Learning

HDInsight

HDInsight is the only fully-managed cloud Hadoop offering that provides optimised open source analytic clusters for Spark, Hive, MapReduce, HBase, Storm, Kafka and R Server backed by a 99.9% SLA. Each of these big data technologies and ISV applications are easily deployable as managed clusters with enterprise-level security and monitoring.

Services	Conversant	Proficient	Expert
HDInsight	Introduction	Specifics of Windows Azure HDInsight	From Zero to Data Insights Using HDInsight HDInsight with Azure Apps Big Data Applications with HDInsight

SQL Data Warehouse

Azure SQL Data Warehouse is a cloud-based, scale-out database capable of processing massive volumes of data, both relational and non-relational. Built on our massively parallel processing (MPP) architecture, SQL Data Warehouse can handle your enterprise workload.

Services	Conversant	Proficient	Expert
SQL Data Warehouse	Overview and Benefits	SQL Data Warehouse SQL Data Warehouse with Redgate Data Platform Studio	A developers Guide to Azure SQL Data Warehouse

Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

Data warehouse

Today's data-driven world requires a new kind of data warehouse solution. One which can truly scale on-demand and pause when not in use, handle exponential data growth across all types of data, protect access to your data and deliver predictive analytics for true business transformation.

SQL Data Warehouse

Azure Analysis Services

Data Factory

SQL Data Warehouse

Azure SQL Data Warehouse is a cloud-based, scale-out database capable of processing massive volumes of data, both relational and non-relational. Built on our massively parallel processing (MPP) architecture, SQL Data Warehouse can handle your enterprise workload.

Services	Conversant	Proficient	Expert
SQL Data Warehouse	Overview and Benefits	SQL Data Warehouse SQL Data Warehouse with Redgate Data Platform Studio	A developers Guide to Azure SQL Data Warehouse

Azure Analysis Services

Proven analytics engine

- Get started quickly without managing infrastructure
- Scale resources to match your business needs
- Visualize your data using your favorite data visualization tool
- Govern, deploy, test and deliver your BI solution with confidence15

Services	Conversant	Proficient	Expert
Azure Analysis Service	Overview Getting Started with Azure Analysis Services	Azure Analysis Services Automation Deployment Move Analysis services to cloud	

Data Factory

Compose and orchestrate data services at scale

- Create, schedule, orchestrate and manage data pipelines
- Visualize data lineage
- Connect to on-premises and cloud data sources
- Monitor data pipeline health
- Automate cloud resource management

Services	Conversant	Proficient	Expert
Data Factory	Introduction to Data Factory Introduction to Data Factory Copy Activity	Data Factory capabilities and scenarios where Data Factory can be applied Monitoring and managing Big Data pipelines	How to Monitor & Manage Big Data Pipelines with Azure Data Factory

Business SaaS Apps

Better serve and engage your customers. Use business insights and intelligence from Azure to build software as a service (SaaS) apps that provide operational efficiency, data security, and flexible scale—while creating twice the revenue opportunity compared to building traditional packaged apps according to the AMI-Partners Global Model.

SQL Database

Power BI Embedded

Cognitive Services

Azure Active Directory

App Service

Machine Learning

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Create SQL Database on Azure		SQL for developers

Power BI Embedded

Bring data to life inside your app

- Easily author interactive reports without writing any code using Power BI Desktop
- Choose modern visualizations out-of-the-box or customize without building them from scratch for your reports
- Easily embed interactive visuals in your app using REST APIs and the Power BI SDK
- Ensure consistent high-fidelity data experiences on any device
- Use your existing authentication and authorization methods
- Speed up time to value without redesigning your existing app
- Pay only for what you use with no upfront costs

Services	Conversant	Proficient	Expert
Power BI Embedded	Introduction	Using Azure Machine learning and Power BI to turn customer feedback into action	Creating BI ecosystem at Microsoft

Cognitive Services

Cognitive Services (Preview) is a series of APIs which can be used to enable natural and contextual interaction within your applications. Cognitive Services offers Language, Speech, Vision, Search, and Knowledge APIs.

Services	Conversant	Proficient	Expert
Cognitive Services	Overview How Uber is using driver selfies to enhance security, powered by Microsoft Cognitive Services	Transcribing Audio to Text With Azure Functions and Cognitive Services Cognitive Services- Face API	Azure Functions + Cognitive Services

Azure Active Directory

Identity and access management for the cloud

- Single sign-on to any cloud and on-premises web app
- Preintegrated with Salesforce.com, Office 365, Box and many more
- Enforce multi-factor authentication with SaaS
- Works with multiple platforms and devices
- Integrate with on-premises Active Directory
- Enterprise scale and SLA

Services	Conversant	Proficient	Expert
Azure Active Directory	Active Directory Introduction	AD for Authentication against cloud	Identity Management for Modern Applications Introduction to AD Premium

App Service

App Service is a cloud platform to build powerful web and mobile apps that connect to data anywhere, in the cloud or on-premises

Services	Conversant	Proficient	Expert
App Services	Introduction to Azure App Service Getting Started with App Service	Azure App Service Architecture	Running Enterprise Web and Mobile Apps on Azure App Service
Web App	Introduction		Developer supported series
Mobile App		Mobile Apps Add a custom Domain Name	Mobile Apps with Mobile services
API App	Introduction		Azure API app for Web, Mobile & Logic app
Logic App	Introduction	Creating Logic Apps Logic Apps manual trigger and stats Fetching Logic Apps using Connectors	Integrating your system with Logic Apps
Function App	Create first Azure Function		Azure Functions

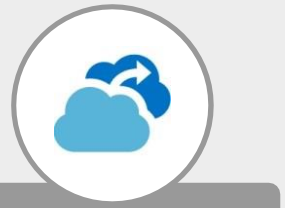
Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

Backup and Archive

Protect your data and applications no matter where they reside to avoid costly business interruptions or to meet compliance requirements. Securely extend your on-premises backup storage and data archiving solutions to the cloud—reducing cost and complexity, while achieving efficiency and scalability.



Backup

Site Recovery

Storage

StorSimple

Backup

Simple and reliable cloud integrated backup as a service

- Unified solution to protect data on-premises and in the cloud
- 99.9% availability guaranteed
- Reliable offsite backup target
- Efficient incremental backups
- Secure-data is encrypted in transit and at rest
- Geo-replicated backup store

Services	Conversant	Proficient	Expert
Backup	Introduction	Azure Backup - Security Features Announcing VMware VM Backup with Azure Backup Server	VMware VM Backup with Azure Backup Server: 1. Establish Secure Communication Channel 2. Share VMware Account to Azure Backup Server 3. Connect Azure Backup Server to VMware Server 4. Protect VMware VMs

Site Recovery

Orchestrate your disaster recovery plan

- Automated protection and replication of virtual machines
- Remote health monitoring
- Customizable recovery plans
- No-impact recovery plan testing
- Orchestrated recovery when needed
- Replication to—and recovery in—Azure

Services	Conversant	Proficient	Expert
Site Recovery	Site Recovery Introduction	Disaster Recovery with Azure Site Recovery	Azure as Destination for Site Recovery

Storage

Offload the heavy lifting of data center management

- Range of solutions for every need
- Scalability you will never outgrow
- Flexible as needs change
- Lower costs and pay only for what you need

Services	Conversant	Proficient	Expert
Storage	Introduction to Storage	Deep Dive into Azure Storage	Page blob Table Storage File storage Premium storage

StorSimple

Azure StorSimple addresses massive data growth, empowering you to take advantage of economical cloud storage for your inactive data, while keeping your mission-critical data on-premises for the highest levels of performance

Services	Conversant	Proficient	Expert
StorSimple	StorSimple Introduction	Features and Value Proposition StorSimple Virtual Array	Elastic SharePoint Storage with StorSimple and Microsoft Azure

Development and Test

You are delivering more features faster—keep up with a comprehensive set of development and testing tools for your team to collaborate and deliver at cloud speed. Quickly create consistent development and test environments on your terms through a scalable, on-demand infrastructure.

Azure DevTest Labs

Visual Studio Team Services

Visual Studio Application Insights

Azure DevTest Labs

Fast, easy and lean dev-test environments

- Quickly provision development and test environments
- Minimize waste with quotas and policies
- Set automated shutdowns to minimize costs
- Build Windows and Linux environments

Services	Conversant	Proficient	Expert
Azure DevTest Labs	DevTest Labs Introduction	Getting Started with DevTest Labs Security in DevTest Labs VM policies in DevTest Labs	

Visual Studio Team Services

Services to let teams share code, track work and ship software—for any language, all in a single package. It is the perfect complement to your IDE.

- Unlimited free private code repositories
- Track bugs, work items, feedback and more
- Agile planning tools
- Continuous integration builds
- Develop in any language
- Use Visual Studio, Eclipse, or your own tools
- Enterprise-grade services scale to any team size
- Free for up to five users

Services	Conversant	Proficient	Expert
Visual Studio Team Services	Overview of Visual Studio Team Services	Moving from Agile to DevOps with Visual Studio Team Services	Secure the enterprise with Visual Studio Team Services

Visual Studio Application Insights

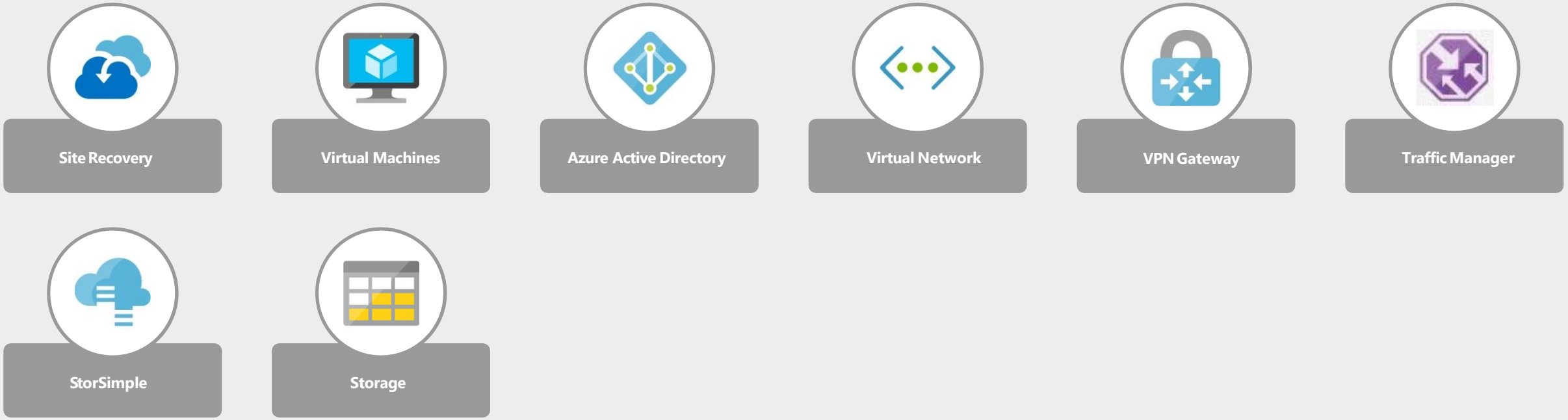
Gain actionable insights through application performance management and instant analytics

- Detect and diagnose exceptions and application performance issues
- Monitor Azure websites, including those hosted in containers, plus websites on-premises and with other cloud providers
- Seamlessly integrate with your DevOps pipeline using Visual Studio Team Services, GitHub and our webhooks
- Get started from within Visual Studio or monitor existing apps without re-deploying

Services	Conversant	Proficient	Expert
Visual Studio Application Insights	Introduction to Application Insights	Application Insights performance monitoring Application Insight for App Services	Application Insights for Mobile Applications Application Insights for Web Applications

Disaster Recovery

Even a minor outage can put you at a competitive disadvantage. So, be ready with a business continuity plan that includes disaster recovery for all your major IT systems—without the expense of secondary infrastructure.



Site Recovery

Orchestrate your disaster recovery plan

- Automated protection and replication of virtual machines
- Remote health monitoring
- Customizable recovery plans
- No-impact recovery plan testing
- Orchestrated recovery when needed
- Replication to—and recovery in—Azure

Services	Conversant	Proficient	Expert
Site Recovery	Site Recovery Introduction	Disaster Recovery with Azure Site Recovery using Hypervisors Disaster Recovery with Azure Site Recovery using Azure IaaS	Azure as Destination for Site Recovery

Virtual Machines

With support for Linux, Windows Server, SQL Server, Oracle, IBM, and SAP, Azure Virtual Machines gives you the flexibility of virtualization for a wide range of computing solutions—development and testing, running applications, and extending your datacenter. It is the freedom of open-source software configured the way you need it. It is as if it was another rack in your datacenter, giving you the power to deploy an application in minutes instead of weeks.

Services	Conversant	Proficient	Expert
Virtual Machines	VM Introduction	VM ScaleSets1	VM ScaleSets2

Azure Active Directory

Identity and access management for the cloud

- Single sign-on to any cloud and on-premises web app
- Preintegrated with Salesforce.com, Office 365, Box and many more
- Enforce multi-factor authentication with SaaS
- Works with multiple platforms and devices
- Integrate with on-premises Active Directory
- Enterprise scale and SLA

Services	Conversant	Proficient	Expert
Azure Active Directory	Active Directory Introduction	AD for Authentication against cloud	Identity Management for Modern Applications Introduction to AD Premium

Virtual Network

Your private network in the cloud

- Build a hybrid infrastructure that you control
- Bring your own IP addresses and DNS servers
- Secure your connections with an IPSec VPN or ExpressRoute
- Gain granular control over traffic between subnets
- Create sophisticated network topologies using virtual appliances
- Get an isolated and secure environment for your applications

Services	Conversant	Proficient	Expert
Virtual Network	VNet Introduction	VNet in Depth	VNet using Network Security Group User Defined Routes and Network Appliances

VPN Gateway

A virtual network gateway is used to send network traffic between Azure virtual networks and on-premises locations and also between virtual networks within Azure (VNet-to-VNet). When you configure a VPN gateway, you must create and configure a virtual network gateway and a virtual network gateway connection.

Services	Conversant	Proficient	Expert
VPN Gateway	VPN Gateway Creation	BGP Routing for Azure VPN Gateways	BGP routing between two Azure VPN gateways Configure BGP on Azure VPN Gateways via PowerShell

Traffic Manager

Geo-route incoming traffic to your app for better performance and availability

- Improve app availability with automatic failover
- Increase your app's responsiveness
- Enable smooth cloud migration
- Distribute your app traffic equally or with weighted values
- A/B test new deployments
- Seamlessly combine on-premises and cloud systems

Services	Conversant	Proficient	Expert
Traffic Manager	Traffic Manager Introduction	Traffic Manager Creation and Working	Traffic Manager Working in Detail Traffic Manager and Global Load Balancing

StorSimple

Azure StorSimple addresses massive data growth, empowering you to take advantage of economical cloud storage for your inactive data, while keeping your mission-critical data on-premises for the highest levels of performance

Services	Conversant	Proficient	Expert
StorSimple	StorSimple Introduction	Features and Value Proposition StorSimple Virtual Array	Elastic SharePoint Storage with StorSimple and Microsoft Azure

Storage

Offload the heavy lifting of data center management

- Range of solutions for every need
- Scalability you will never outgrow
- Flexible as needs change
- Lower costs and pay only for what you need

Services	Conversant	Proficient	Expert
Storage	Storage Introduction		Deep Dive into Azure Storage Page Blob Table Storage

Predictive Maintenance with IoT

Predict equipment failures before they happen and systematically prevent them—for millions of machines across the globe. Use streaming data from sensors and devices to recognize warning signs, predict equipment maintenance needs and preemptively repair equipment, saving you time and money.

Azure IoT Hub

Machine Learning

Stream Analytics

Azure IoT Hub

Connect, monitor and manage billions of IoT assets

- Get started quickly
- Connect and manage billions of assets
- Support a broad set of operating systems and protocols
- Establish reliable, bi-directional communication
- Enhance the security of your IoT solutions
- Ingest real-time data and upload files to the cloud

Services	Conversant	Proficient	Expert
Azure IoT Hub	IoT Hub-Pro	Connecting Devices to IoT	

Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

Stream Analytics

Real-time stream processing in the cloud

- Perform real-time analytics for your Internet of Things solutions
- Stream millions of events per second
- Get mission-critical reliability and performance with predictable results
- Create real-time dashboards and alerts over data from devices and applications
- Correlate across multiple streams of data
- Use familiar SQL-based language for rapid development

Services	Conversant	Proficient	Expert
Stream Analytics	Stream Analytics Introduction	Real-time scoring with Azure Stream Analytics	

Remote Monitoring with IoT

Bring the Internet of your things to life. Connect and monitor all of your devices, assets and sensors. Increase visibility into performance and efficiency, plus enable innovation and improve business outcomes through previously untapped data.

Azure IoT Hub

Machine Learning

Stream Analytics

Azure IoT Hub

Connect, monitor and manage billions of IoT assets

- Get started quickly
- Connect and manage billions of assets
- Support a broad set of operating systems and protocols
- Establish reliable, bi-directional communication
- Enhance the security of your IoT solutions
- Ingest real-time data and upload files to the cloud

Services	Conversant	Proficient	Expert
Azure IoT Hub	IoT Hub-Pro	Connecting Devices to IoT	

Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

Stream Analytics

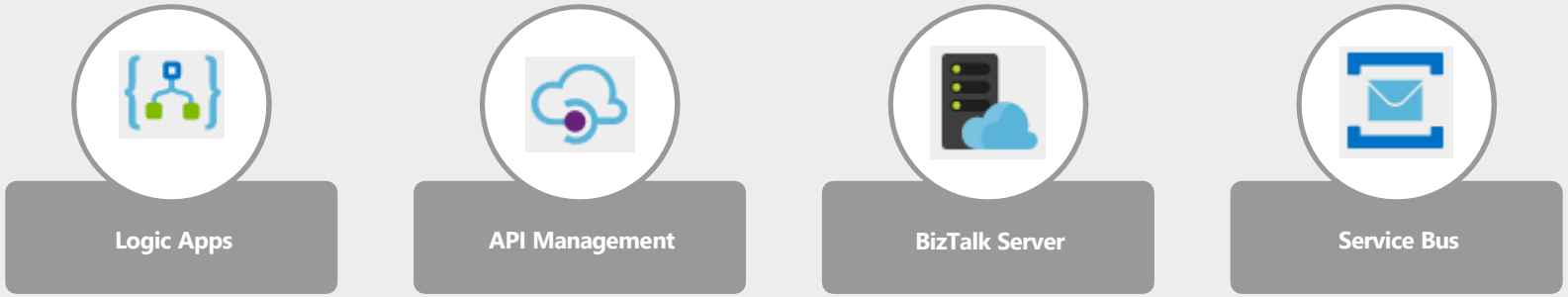
Real-time stream processing in the cloud

- Perform real-time analytics for your Internet of Things solutions
- Stream millions of events per second
- Get mission-critical reliability and performance with predictable results
- Create real-time dashboards and alerts over data from devices and applications
- Correlate across multiple streams of data
- Use familiar SQL-based language for rapid development

Services	Conversant	Proficient	Expert
Stream Analytics	Stream Analytics Introduction	Real-time scoring with Azure Stream Analytics	

Hybrid Integration

Digital transformation is a business reality. Seamlessly integrate applications, data and processes by building an API-enabled and connected enterprise. This will enable you to operate at exceptional speed and agility in an ever-changing world.



Logic Apps

Quickly build powerful integration solutions

- Create business processes and workflows visually
- Integrate with SaaS and enterprise applications
- Unlock value from on-premises and cloud applications
- Automate EAI, B2B/EDI and business processes
- Leverage the Microsoft Cloud to enhance integration solutions

Services	Conversant	Proficient	Expert
Logic Apps	Introduction	Integrating your system with Logic Apps	Deep Dive in Azure Logic Apps

API Management

Microsoft Azure API Management is a turnkey solution for publishing APIs to external and internal consumers. Quickly create consistent and modern API gateways for existing backend services hosted anywhere, secure and protect them from abuse and overuse and gain insights into usage and health. Plus, automate and scale developer onboarding to help get your API programmed up and running in no time.

Services	Conversant	Proficient	Expert
API Management	API Management Overview	API Management	Using API Management

BizTalk Services

Seamlessly integrate the enterprise and the cloud

- Get started quickly with Hybrid Connections
- Extend on-premises systems to the cloud for hybrid integration
- Proven in production—EDI, B2B, Partner, EAI, IOT
- Integration partners add industry and integration expertise

Services	Conversant	Proficient	Expert
BizTalk Services	BizTalk Services	Introduction to BizTalk Services Hybrid Connections	Deep Dive into the Architecture of BizTalk Services

Service Bus

Reliable cloud messaging as a service (MaaS) and simple hybrid integration

- Build reliable and elastic cloud apps with messaging
- Protect your application from temporary peaks
- Decouple your applications from each other
- Connect your existing on-premises systems to cloud solutions
- Distribute messages to multiple independent backend systems
- Scale out ordered messaging to multiple readers

Services	Conversant	Proficient	Expert
Service Bus	Azure Service Bus Relay Overview Azure Service Bus Messaging Overview	Azure Service Bus 101 Azure Service Bus 102 Azure Service Bus 103	Taking Advantage of the Microsoft Azure Service Bus Part 1 Taking Advantage of the Microsoft Azure Service Bus Part 2

SAP on Azure

Quickly deploy SAP solutions across dev-test and production scenarios on the most comprehensive cloud platform—providing unparalleled performance for even the largest SAP and SAP HANA workloads.

Virtual Machines

With support for Linux, Windows Server, SQL Server, Oracle, IBM, and SAP, Azure Virtual Machines gives you the flexibility of virtualization for a wide range of computing solutions—development and testing, running applications, and extending your datacenter. It is the freedom of open-source software configured the way you need it. It is as if it was another rack in your datacenter, giving you the power to deploy an application in minutes instead of weeks.

Services	Conversant	Proficient	Expert
Virtual Machines	VM Introduction	VM ScaleSets1	VM ScaleSets2

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Create SQL Database on Azure	Azure SQL Database	SQL for developers

Azure Active Directory Domain Services

Your domain controller as a service

- "Lift-and-shift" apps to Azure more easily than ever
- Use LDAP, Active Directory domain join, NTLM and Kerberos authentication
- Rely on a managed, highly-available service
- Get started in minutes, pay as you go
- Develop and test with no identity worries
- Manage Azure virtual machines effectively using Group Policy

Services	Conversant	Proficient	Expert
Azure Active Directory Domain Services	What is Azure Active Directory Domain Services?	What can Azure Active Directory Domain Services do for you?	

Storage

Offload the heavy lifting of data center management

- Range of solutions for every need
- Scalability you will never outgrow
- Flexible as needs change
- Lower costs and pay only for what you need
- Azure Storage provides the following four services to meet application needs: Blob storage, Table storage, Queue storage, and File storage

Services	Conversant	Proficient	Expert
Storage	Get Started With Azure Storage Introduction to Azure Storage	Azure Storage for Developers Azure Storage Performance, Scalability and Security	Building Performant Applications Using Azure Storage
Blob Storage	Understanding Azure Blob Storage	Azure Blob Storage	
Queue Storage	Basics of Queue Storage	Understanding Azure Queue Storage	Perform Common Tasks with Azure Queue Storage
File Storage	Introduction to Azure File Storage	Azure File Storage	
Premium Storage	Overview of Premium Storage	Azure Premium Storage Demo	Understanding which workloads are ideal for Azure Premium Storage

Virtual Network

Your private network in the cloud

- Build a hybrid infrastructure that you control
- Bring your own IP addresses and DNS servers
- Secure your connections with an IPSec VPN or ExpressRoute
- Gain granular control over traffic between subnets
- Create sophisticated network topologies using virtual appliances
- Get an isolated and secure environment for your applications

Services	Conversant	Proficient	Expert
Virtual Network	Creata a Virtual Network	Building Secure virtual networks in Azure	VNet using Network Security Group User Defined Routes and Network Appliances

SharePoint on Azure

Not ready for SharePoint Online yet? No problem. Host your SharePoint farms in Azure, scale rapidly based on demand and save on infrastructure costs. Whether it is for development, testing, staging, production, or disaster recovery purposes, Azure is a perfect home for your SharePoint workloads.

Virtual Machines

With support for Linux, Windows Server, SQL Server, Oracle, IBM, and SAP, Azure Virtual Machines gives you the flexibility of virtualization for a wide range of computing solutions—development and testing, running applications, and extending your datacenter. It is the freedom of open-source software configured the way you need it. It is as if it was another rack in your datacenter, giving you the power to deploy an application in minutes instead of weeks.

Services	Conversant	Proficient	Expert
Virtual Machines	VM Introduction	VM ScaleSets1	VM ScaleSets2

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Create SQL Database on Azure	Azure SQL Database	SQL for developers

Azure Active Directory

Identity and access management for the cloud

- Single sign-on to any cloud and on-premises web app
- Preintegrated with Salesforce.com, Office 365, Box and many more
- Enforce multi-factor authentication with SaaS
- Works with multiple platforms and devices
- Integrate with on-premises Active Directory
- Enterprise scale and SLA

Services	Conversant	Proficient	Expert
Azure Active Directory	What is Azure Active Directory?	Azure Active Directory	Develop Modern Native Applications with Azure Active Directory

Dynamics on Azure

Make smarter decisions, redesign business processes faster and fuel business growth using the cloud-based enterprise resource planning (ERP) solution built for and on, Azure—bringing together ERP, business intelligence, infrastructure, compute and database services.

SQL Database

Power BI Embedded

Azure Active Directory

Multi-Factor Authentication

Machine Learning

ExpressRoute

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Create SQL Database on Azure	Azure SQL Database	SQL for developers

Power BI Embedded

Bring data to life inside your app

- Easily author interactive reports without writing any code using Power BI Desktop
- Choose modern visualizations out-of-the-box or customize without building them from scratch for your reports
- Easily embed interactive visuals in your app using REST APIs and the Power BI SDK
- Ensure consistent high-fidelity data experiences on any device
- Use your existing authentication and authorization methods
- Speed up time to value without redesigning your existing app
- Pay only for what you use with no upfront costs

Services	Conversant	Proficient	Expert
Power BI Embedded	Introduction	Using Azure Machine learning and Power BI to turn customer feedback into action	Creating BI ecosystem at Microsoft

Azure Active Directory

Identity and access management for the cloud

- Single sign-on to any cloud and on-premises web app
- Preintegrated with Salesforce.com, Office 365, Box and many more
- Enforce multi-factor authentication with SaaS
- Works with multiple platforms and devices
- Integrate with on-premises Active Directory
- Enterprise scale and SLA

Services	Conversant	Proficient	Expert
Azure Active Directory	Active Directory Introduction	AD for Authentication against cloud	Identity Management for Modern Applications Introduction to AD Premium

Multi Factor Authentication

Added security for your data and applications—without added hassles for users

- Safeguard access by mobile apps, phone calls and SMS
- Deploy on premises or in the cloud
- Reduce risk; meet compliance requirements
- Protect Office 365, Salesforce, DropBox and other SaaS apps
- Use with VPN, Microsoft IIS, RADIUS, LDAP
- Get real-time fraud monitoring and alerts

Services	Conversant	Proficient	Expert
Multi Factor Authentication	Getting started with Multi-Factor Authentication	Introduction to Multi-Factor Authentication	Multi-Factor Authentication Deep Dive

Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

ExpressRoute

Experience a faster, private connection to Azure

- Private connections to Azure
- Increased reliability and speed
- Lower latency
- Higher security
- Significant cost benefits possible
- Connects directly to your WAN

Services	Conversant	Proficient	Expert
Express Route	ExpressRoute Introduction		Connecting Private and Public Cloud

High Performance Computing

Break free from the overhead and limitations of your on-premises infrastructure. Tap into unlimited resources to scale your high performance computing (HPC) jobs—analyzing large-scale data, running simulations and financial models and experimenting while reducing time to market.

Virtual Machines

With support for Linux, Windows Server, SQL Server, Oracle, IBM, and SAP, Azure Virtual Machines gives you the flexibility of virtualization for a wide range of computing solutions—development and testing, running applications, and extending your datacenter. It is the freedom of open-source software configured the way you need it. It is as if it was another rack in your datacenter, giving you the power to deploy an application in minutes instead of weeks.

Services	Conversant	Proficient	Expert
Virtual Machines	VM Introduction	VM ScaleSets1	VM ScaleSets2

Batch

Cloud-scale job scheduling and compute management

- Scale to tens, hundreds or thousands of virtual machines
- Cloud-enable batch and HPC applications
- Stage data and execute compute pipelines
- Choose Linux or Windows to run jobs
- Autoscale on work in the queue
- Pay for what you use with no capital investment

Services	Conversant	Proficient	Expert
Batch	Batch Introduction	Large Scale Compute with Batch	Large Scale and High Performance Computing with Batch

Storage

Offload the heavy lifting of data center management

- Range of solutions for every need
- Scalability you will never outgrow
- Flexible as needs change
- Lower costs and pay only for what you need

Services	Conversant	Proficient	Expert
Storage	Storage Introduction		Deep Dive into Azure Storage Page Blob Table Storage

ExpressRoute

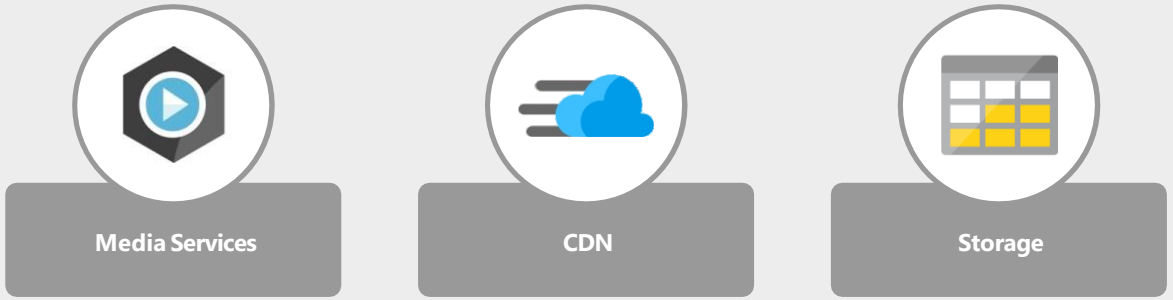
Experience a faster, private connection to Azure

- Private connections to Azure
- Increased reliability and speed
- Lower latency
- Higher security
- Significant cost benefits possible
- Connects directly to your WAN

Services	Conversant	Proficient	Expert
Express Route	ExpressRoute Introduction		Connecting Private and Public Cloud

Digital Media

From global distribution of premium video content, to engaging with and educating your employees, to connecting and interacting with your customers, use the power of media to transform your business. Quickly build and deploy video solutions, scale as you need and deliver videos anywhere, anytime, on any device.



Media Services

Azure Media Services offers broadcast-quality video streaming services to reach larger audiences on today's most popular mobile devices. With features that enhance accessibility, distribution and scalability, Media Services makes it easy and cost-effective to stream your content to audiences both local and worldwide

Services	Conversant	Proficient	Expert
Media Services	Media Services Introduction	Protecting Content With DRM	Developer Deep Dive

CDN

Secure, reliable content delivery with broad global reach and rich feature set

- Accelerated performance and improved availability
- Global coverage with massive scalability
- Simplified experience to enable CDN from multiple providers
- A rich set of API and developer tool
- No commitment, pay for your use, single billing and support
- Different packages available from basic to advanced features

Services	Conversant	Proficient	Expert
CDN	CDN Features CDN Akamai	CDN Endpoint from Akamai	Website speed with Azure storage & CDN Azure Premium features CDN APIs for applications

Storage

Offload the heavy lifting of data center management

- Range of solutions for every need
- Scalability you will never outgrow
- Flexible as needs change
- Lower costs and pay only for what you need

Services	Conversant	Proficient	Expert
Storage	Storage Introduction		Deep Dive into Azure Storage Table Storage

Learn By Service

- Compute
- Networking
- Storage
- Web + Mobile
- Databases
- Intelligence + Analytics
- Internet of Things
- Enterprise integration
- Security + Identity
- Developer Tools
- Monitoring + Management
- Microsoft Azure Stack

Compute

- Virtual Machines
- Virtual Machine Scale Sets
- App Service
- Azure Container Service
- Azure Container Registry
- Functions
- Batch
- Service Fabric
- Cloud Services

Virtual Machines

With support for Linux, Windows Server, SQL Server, Oracle, IBM, and SAP, Azure Virtual Machines gives you the flexibility of virtualization for a wide range of computing solutions—development and testing, running applications, and extending your datacenter. It is the freedom of open-source software configured the way you need it. It is as if it was another rack in your datacenter, giving you the power to deploy an application in minutes instead of weeks.

Services	Conversant	Proficient	Expert
Virtual Machines	Create a Windows Server Virtual Machine	Selecting the Right VM Size	Azure Virtual Machine Deep Dive

Virtual Machines Scale Sets

Apply autoscaling to virtual machines for high availability

- Create hundreds of identical virtual machines—in minutes
- Rapidly scale your big compute and big data applications
- Rely on integrated load balancing and autoscaling
- Deploy virtual machines and updates at scale
- Support Linux or Windows images and extensions
- Run Cassandra, Cloudera, Hadoop, MongoDB, and Mesos

Services	Conversant	Proficient	Expert
Virtual Machines Scale Sets	VM Introduction	VM ScaleSets1	VM ScaleSets2

App Service

App Service is a cloud platform to build powerful web and mobile apps that connect to data anywhere, in the cloud or on-premises

Services	Conversant	Proficient	Expert
App Services	Introduction to Azure App Service Getting Started with App Service	Azure App Service Architecture	Running Enterprise Web and Mobile Apps on Azure App Service
Web App	Introduction		Developer supported series
Mobile App		Mobile Apps Add a custom Domain Name	Mobile Apps with Mobile services
API App	Introduction		Azure API app for Web, Mobile & Logic app
Logic App	Introduction	Creating Logic Apps Logic Apps manual trigger and stats Fetching Logic Apps using Connectors	Integrating your system with Logic Apps
Function App	Create first Azure Function		Azure Functions

Azure Container service

Deploy and manage containers using the tools you choose

- Create a container hosting solution optimized for Azure
- Scale and orchestrate applications using DC/OS or Docker Swarm
- Use popular open source, client-side tooling
- Migrate container workloads to and from Azure without code changes

Services	Conversant	Proficient	Expert
Azure Container Service	Overview of Azure Container Service		

Azure Container Registry

Azure Container Registry (preview) is a private registry for hosting container images. Using the Azure Container Registry, you can store Docker-formatted images for all types of container deployments. Azure Container Registry integrates well with orchestrators hosted in Azure Container Service, including Docker Swarm, DC/OS, and Kubernetes.

Services	Conversant	Proficient	Expert
Azure Container Registry	Creating, Configuring the Azure Container Registry		

Functions

Process events with a server less code architecture.
Azure Functions is a server less event driven experience that extends the existing Azure App Service platform. These Nano-services can scale based on demand and you pay only for the resources you consume.

Services	Conversant	Proficient	Expert
Functions	Get Started with Azure Functions	Introducing Azure Function	Azure Functions

Batch

Cloud-scale job scheduling and compute management

- Scale to tens, hundreds or thousands of virtual machines
- Cloud-enable batch and HPC applications
- Stage data and execute compute pipelines
- Choose Linux or Windows to run jobs
- Auto scale on work in the queue
- Pay for what you use with no capital investment

Services	Conversant	Proficient	Expert
Batch	Overview of Azure Batch	Introduction to Azure Batch	Large Scale Compute with Azure Batch

Service Fabric

Build and operate always-on, scalable, distributed applications

- Simplify microservice-based application development and lifecycle management
- Deliver low-latency performance and efficiency at massive scale
- Proven platform used by Azure and other Microsoft services
- Run in Azure, on-premises, or in other clouds

Services	Conversant	Proficient	Expert
Service Fabric	Azure Service Fabric	Overview of Service Fabric	Deploying and Managing Applications with Service Fabric

Cloud Services

Deploy highly-available, infinitely-scalable applications and APIs

- Focus on apps, not hardware
- Support for Java, Node.js, PHP, Python, .NET and Ruby
- Auto scale to meet demand and save money
- Deploy thousands of instances in minutes
- Integrated health, monitoring and load-balancing
- Automatic operating system and application patching

Services	Conversant	Proficient	Expert
Cloud Services	Azure Cloud Services	Introduction to Azure Cloud Services	Windows Azure Cloud Services (Part 1)

Networking

Virtual Network

Load Balancer

Application Gateway

VPN Gateway

Azure DNS

CDN

Traffic Manager

ExpressRoute

Virtual Network

An Azure virtual network (VNet) is a representation of your own network in the cloud. It is a logical isolation of the Azure cloud dedicated to your subscription.

Services	Conversant	Proficient	Expert
Virtual Network	Creata a Virtual Network	Building Secure virtual networks in Azure	VNet using Network Security Group User Defined Routes and Network Appliances

Load Balancer

Deliver high availability and network performance to your applications

- Instantly add scale to your applications
- Load balance Internet and private network traffic
- Improve application reliability via health checks
- Flexible NAT rules for better security
- Directly integrated into virtual machines and cloud services
- Native IPv6 support

Services	Conversant	Proficient	Expert
Load Balancer	Understanding Load Balancing in Azure		Creating load balanced VMs

Application Gateway

- Scalable, highly-available HTTP load balancing solution
- Cookie affinity for cross-session-state sharing
- 99.9% uptime SLA for multi-instance gateways
- Management through Azure APIs
- Support for both public and private websites
- SSL offload for better utilization
- Web application firewall

VPN Gateway

Connecting your infrastructure to the cloud

- Industry standard site-to-site IPsec VPNs
- Point-to-site VPN access from anywhere
- 99.9% uptime SLA for VPN gateways
- Highly available and easy to manage
- Secure connections from anywhere

Services	Conversant	Proficient	Expert
VPN Gateway	Create VPN Gateway		

Azure DNS

Host your domain in Azure for outstanding performance and availability

- DNS hosted alongside your apps
- Ultra-high availability
- Fast DNS queries
- Rapid updates to DNS records
- Supports all common DNS record types

Services	Conversant	Proficient	Expert
Azure DNS			Introducing Azure DNS

CDN

Secure, reliable content delivery with broad global reach and rich feature set

- Accelerated performance and improved availability
- Global coverage with massive scalability
- Simplified experience to enable CDN from multiple providers
- A rich set of API and developer tool
- No commitment, pay for your use, single billing and support
- Different packages available from basic to advanced features

Services	Conversant	Proficient	Expert
CDN	CDN Features CDN Akamai	CDN Endpoint from Akamai	Website speed with Azure storage & CDN Azure Premium features CDN APIs for applications

Traffic Manager

Geo-route incoming traffic to your app for better performance and availability

- Improve app availability with automatic failover
- Increase your app's responsiveness
- Enable smooth cloud migration
- Distribute your app traffic equally or with weighted values
- A/B test new deployments
- Seamlessly combine on-premises and cloud systems

Services	Conversant	Proficient	Expert
Traffic Manager	Overview of Azure Traffic Manager	Azure Websites - Traffic Manager Azure Traffic Manager	Deploying highly scalable and secure web and mobile apps

ExpressRoute

Experience a faster, private connection to Azure

- Private connections to Azure
- Increased reliability and speed
- Lower latency
- Higher security
- Significant cost benefits possible
- Connects directly to your WAN

Services	Conversant	Proficient	Expert
Express Route	Overview of ExpressRoute Creating a ExpressRoute Circuit	Get the most out of Azure ExpressRoute in your IT Environment	ExpressRoute for Experts Extend Your Network to Azure using ExpressRoute

Storage

Storage

Offload the heavy lifting of data center management

- Range of solutions for every need
- Scalability you will never outgrow
- Flexible as needs change
- Lower costs and pay only for what you need
- Azure Storage provides the following four services to meet application needs: Blob storage, Table storage, Queue storage, and File storage.

Services	Conversant	Proficient	Expert
Storage	Get Started With Azure Storage Introduction to Azure Storage	Azure Storage for Developers Azure Storage Performance, Scalability and Security	Building Performant Applications Using Azure Storage
Blob Storage	Understanding Azure Blob Storage	Azure Blob Storage	
Queue Storage	Basics of Queue Storage	Understanding Azure Queue Storage	Perform Common Tasks with Azure Queue Storage
File Storage	Introduction to Azure File Storage	Azure File Storage	
Premium Storage	Overview of Premium Storage	Azure Premium Storage Demo	Understanding which workloads are ideal for Azure Premium Storage

Data Lake Store

No limits Data Lake to power intelligent action.
Unlock maximum value from all of your unstructured, semi-structured, and structured data using the first cloud data lake built for enterprises with no limits on the size of data. Azure Data Lake Store is secured, massively scalable, and built to the open HDFS standard, allowing you to run massively-parallel analytics.

Services	Conversant	Proficient	Expert
Data Lake Store	Introduction to Data Lake Store	Organize and Discover Big Data in Azure Data Lake	Build your fully managed, petabyte-scale, secure data store with Azure Data Lake Store

StorSimple

Azure StorSimple addresses massive data growth, empowering you to take advantage of economical cloud storage for your inactive data, while keeping your mission-critical data on-premises for the highest levels of performance

Services	Conversant	Proficient	Expert
StorSimple	Overview of StorSimple	Azure StorSimple Hybrid Cloud Storage with StorSimple	Deploy Azure StorSimple across your enterprise Real World Customer Deployments of StorSimple and Azure

Backup

Simple and reliable cloud integrated backup as a service

- Unified solution to protect data on-premises and in the cloud
- 99.9% availability guaranteed
- Reliable offsite backup target
- Efficient incremental backups
- Secure—data is encrypted in transit and at rest
- Geo-replicated backup store

Services	Conversant	Proficient	Expert
Backup	What is Azure Backup?		Azure Backup - Security Features Announcing VMware VM Backup with Azure Backup Server VMware VM Backup with Azure Backup Server: 1. Establish Secure Communication Channel 2. Share VMware Account to Azure Backup Server 3. Connect Azure Backup Server to VMware Server 4. Protect VMware VMs

Site Recovery

Orchestrate your disaster recovery plan

- Automated protection and replication of virtual machines
- Remote health monitoring
- Customizable recovery plans
- No-impact recovery plan testing
- Orchestrated recovery when needed
- Replication to—and recovery in—Azure

Services	Conversant	Proficient	Expert
Site Recovery	What is Azure Site Revoery?	Introduction to Site Recovery Azure Site Recovery	Implementing Azure Site Recovery for on-premises to Azure DR

Web + Mobile

App Service

CDN

Media Services

Search

App Service

App Service is a cloud platform to build powerful web and mobile apps that connect to data anywhere, in the cloud or on-premises

Services	Conversant	Proficient	Expert
App Services	Introduction to Azure App Service Getting Started with App Service	Azure App Service Architecture	Running Enterprise Web and Mobile Apps on Azure App Service
Web App	Introduction		Developer supported series
Mobile App		Mobile Apps Add a custom Domain Name	Mobile Apps with Mobile services
API App	Introduction		Azure API app for Web, Mobile & Logic app
Logic App	Introduction	Creating Logic Apps Logic Apps manual trigger and stats Fetching Logic Apps using Connectors	Integrating your system with Logic Apps
Function App	Create first Azure Function		Azure Functions

CDN

Secure, reliable content delivery with broad global reach and rich feature set

- Accelerated performance and improved availability
- Global coverage with massive scalability
- Simplified experience to enable CDN from multiple providers
- A rich set of API and developer tool
- No commitment, pay for your use, single billing and support
- Different packages available from basic to advanced features

Services	Conversant	Proficient	Expert
CDN	CDN Features CDN Akamai	CDN Endpoint from Akamai	Website speed with Azure storage & CDN Azure Premium features CDN APIs for applications

Media Services

Azure Media Services offers broadcast-quality video streaming services to reach larger audiences on today's most popular mobile devices. With features that enhance accessibility, distribution and scalability, Media Services makes it easy and cost-effective to stream your content to audiences both local and worldwide

Services	Conversant	Proficient	Expert
Media Services	Azure Media Service Overview	Protecting your Media Content with DRM	Media Services Developer Deep Dive

Search

Cloud search service for web and mobile app development

- Get your search indices up and running quickly
- Easily scale up and down as needed
- Connect search results to business goals with great control over search ranking
- Leverage Microsoft's deep knowledge of natural language processing
- Load and update automatically with integrated indexers
- Easily add geo-spatial search to your app

Services	Conversant	Proficient	Expert
Search	What is Azure Search?	Adding Azure Search to your Websites and Apps	Adding Search Capabilities to Your Business Applications Using Azure Search

Databases

SQL Database

SQL Data Warehouse

SQL Server Stretch Database

DocumentDB

Table Storage

Redis Cache

Data Factory

SQL Database

Make building and maintaining applications easier and more productive. With built-in intelligence that learns app patterns and adapts to maximize performance, reliability and data protection, SQL Database is a cloud database built for developers.

Services	Conversant	Proficient	Expert
SQL Database	Azure SQL Database - Create DBs in seconds Create a SQL Database on Azure	SQL Database Fundamentals Learn Azure SQL Database best practices SQL Database Technologies for Developers	Azure SQL Database Elastic Scale Migrating to Azure SQL Database Azure SQL Database Security

SQL Data Warehouse

Azure SQL Data Warehouse is a cloud-based, scale-out database capable of processing massive volumes of data, both relational and non-relational. Built on our massively parallel processing (MPP) architecture, SQL Data Warehouse can handle your enterprise workload.

Services	Conversant	Proficient	Expert
SQL Data Warehouse	Introduction to SQL Data Warehouse Azure SQL Data Warehouse Sample Data and Power BI	Azure SQL Data Warehouse A Developers Guide to Azure SQL Data Warehouse	Azure SQL Data Warehouse Scaling

SQL Server Stretch Database

Dynamically stretch SQL Server databases to Azure

- Scale SQL Server 2016 using bottomless cloud storage
- Make warm and cold data available to users at low cost
- Access and query stretched data online
- Move data easily—no query or application changes required
- Use with advanced security features like Always Encrypted
- Reduce maintenance and storage costs for on-premises data

Services	Conversant	Proficient	Expert
SQL Server Stretch Database	Introduction to SQL Server 2016: Stretch Database	SQL Server Stretch DB	Manage your cold data with SQL Server Stretch Database

Document DB

NoSQL service for highly available, globally distributed apps—take full advantage of SQL and JavaScript over document and key-value data without the hassles of on-premises or virtual machine-based cloud database options.

Services	Conversant	Proficient	Expert
Document DB	What is Azure Document DB?	Introduction to Azure Document DB	Developing Applications as Scale with Document DB

Table Storage

A NoSQL key-value store for rapid development using massive semi-structured datasets

- Store semi-structured data which is highly available
- Create massively scalable apps
- Create apps that require a flexible data schema
- Use JSON to serialize data

Services	Conversant	Proficient	Expert
Table Storage	Introduction to Table Storage	Understanding Azure Table Storage	Azure Table Storage

Redis Cache

High throughput, consistent low-latency data access to power fast, scalable Azure applications

- Fully managed
- High throughput
- Low latency
- High performance
- Secure

Services	Conversant	Proficient	Expert
Redis Cache	Getting started with Azure Redis Cache	Introduction to Azure Redis Cache	Building High Performance Apps using Azure Redis Cache

Data Factory

Compose and orchestrate data services at scale

- Create, schedule, orchestrate and manage data pipelines
- Visualize data lineage
- Connect to on-premises and cloud data sources
- Monitor data pipeline health
- Automate cloud resource management

Services	Conversant	Proficient	Expert
Data Factory	Introduction to Data Factory Introduction to Data Factory Copy Activity	Data Factory capabilities and scenarios where Data Factory can be applied Monitoring and managing Big Data pipelines	How to Monitor & Manage Big Data Pipelines with Azure Data Factory

Intelligence + Analytics

- HDInsight
- Machine Learning
- Stream Analytics
- Cognitive Services
- Azure Bot Service
- Data Lake Analytics
- Data Lake Store
- Power BI Embedded

HDInsight

HDInsight is the only fully-managed cloud Hadoop offering that provides optimised open source analytic clusters for Spark, Hive, MapReduce, HBase, Storm, Kafka and R Server backed by a 99.9% SLA. Each of these big data technologies and ISV applications are easily deployable as managed clusters with enterprise-level security and monitoring.

Services	Conversant	Proficient	Expert
HDInsight	Introduction	Specifics of Windows Azure HDInsight	From Zero to Data Insights Using HDInsight HDInsight with Azure Apps Big Data Applications with HDInsight

Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

Stream Analytics

Real-time stream processing in the cloud

- Perform real-time analytics for your Internet of Things solutions
- Stream millions of events per second
- Get mission-critical reliability and performance with predictable results
- Create real-time dashboards and alerts over data from devices and applications
- Correlate across multiple streams of data
- Use familiar SQL-based language for rapid development

Services	Conversant	Proficient	Expert
Stream Analytics	Stream Analytics Overview	Handling IoT data with Azure Stream Analytics	Create your end to end IoT solution using Azure Stream Analytics

Cognitive Services

Build powerful intelligence into your applications to enable natural and contextual interactions

Services	Conversant	Proficient	Expert
Cognitive Services	Overview How Uber is using driver selfies to enhance security, powered by Microsoft Cognitive Services	Transcribing Audio to Text With Azure Functions and Cognitive Services Cognitive Services- Face API	Azure Functions + Cognitive Services

Azure Bot Service

Intelligent, server less bot service that scales on demand

- Start quickly with built-in templates
- Reach your users on multiple channels
- Boost the power of bots with Azure services
- No server management or patching needed
- Scale out automatically
- Pay only for what you use

Services	Conversant	Proficient	Expert
Azure Bot Service	Overview of Azure Bot Services	Introduction to Azure Bot Services	

Data Lake Analytics

The first cloud analytics service where you can easily develop and run massively parallel data transformation and processing programs in U-SQL, R, Python, and .NET over petabytes of data. With no infrastructure to manage, you can process data on demand, scale instantly, and only pay per job.

Services	Conversant	Proficient	Expert
Data Lake Analytics	Introducing the Azure Data Lake		Data Lake Analytics Deep Dive

Data Lake Store

The first cloud data lake for enterprises that is secure, massively scalable and built to the open HDFS standard. With no limits to the size of data and the ability to run massively parallel analytics, you can now unlock value from all your unstructured, semi-structured, and structured data.

Services	Conversant	Proficient	Expert
Data Lake Store	Introducing Azure Data Lake Store	Build your fully managed, petabyte-scale, secure data store with Azure Data Lake Store	HDInsight on Azure Data Lake Store

Power BI Embedded

Bring data to life inside your app

- Easily author interactive reports without writing any code using Power BI Desktop
- Choose modern visualizations out-of-the-box or customize without building them from scratch for your reports
- Easily embed interactive visuals in your app using REST APIs and the Power BI SDK
- Ensure consistent high-fidelity data experiences on any device
- Use your existing authentication and authorization methods
- Speed up time to value without redesigning your existing app
- Pay only for what you use with no upfront costs

Services	Conversant	Proficient	Expert
Power BI Embedded	Introduction	Using Azure Machine learning and Power BI to turn customer feedback into action	Creating BI ecosystem at Microsoft

Internet of Things

Azure IoT Hub

Event Hubs

Stream Analytics

Machine Learning

Notification Hubs

Azure IoT Hub

Connect, monitor and manage billions of IoT assets

- Get started quickly
- Connect and manage billions of assets
- Support a broad set of operating systems and protocols
- Establish reliable, bi-directional communication
- Enhance the security of your IoT solutions
- Ingest real-time data and upload files to the cloud

Services	Conversant	Proficient	Expert
Azure IoT Hub	Azure IoT Hub	Device to device communication using IoT Hub	Dive Deep: Overview of Azure IoT Hub

Event Hubs

Cloud-scale telemetry ingestion from websites, apps, and devices

- Log millions of events per second in near real time
- Connect devices using flexible authorization and throttling
- Use time-based event buffering
- Get a managed service with elastic scale
- Reach a broad set of platforms using native client libraries
- Pluggable adapters for other cloud services

Services	Conversant	Proficient	Expert
Event Hubs	Introduction to Event Hubs	Designing and Sizing a Global Scale Telemetry Platform on Azure Event Hubs	How we server 4 Trillion requests per week with Event Hubs

Stream Analytics

Real-time stream processing in the cloud

- Perform real-time analytics for your Internet of Things solutions
- Stream millions of events per second
- Get mission-critical reliability and performance with predictable results
- Create real-time dashboards and alerts over data from devices and applications
- Correlate across multiple streams of data
- Use familiar SQL-based language for rapid development

Services	Conversant	Proficient	Expert
Stream Analytics	Stream Analytics Overview Introduction to Stream Analytics	Handling IoT data with Azure Stream Analytics	Create your end to end IoT solution using Azure Stream Analytics

Machine Learning

Azure Machine Learning provides tools to model predictive analytics as well as a fully managed service you can use to deploy your predictive models as ready-to-consume web services.

Services	Conversant	Proficient	Expert
Machine Learning	Introduction	Intro to Azure Machine Learning: Predict Who Survives the Titanic	Using EEG and Machine Learning to Perform Lie Detection Applications That Learn & Adapt: Azure Machine Learning + Search Enhancing Your Application with Machine Learning Through APIs

Notification Hub

Send push notifications to any platform from any backend

- Reach all major platforms—iOS, Android, Windows, Kindle, Baidu
- Use any backend, in the cloud or on-premises
- Fast broadcast push to millions of mobile devices with single API call
- Tailor push notifications by user, language, and location
- Dynamically define and notify user segments
- Scale instantly to millions of mobile devices

Services	Conversant	Proficient	Expert
Notification Hub	Notification Hub for Mobile Application	Create Notification Hub in Azure Portal	Notification hubs for mobile Application Notification hubs in Android Application Notification hubs from a Xamarin.Android Application

Enterprise integration

Logic Apps

BizTalk Services

Service Bus

API Management

StorSimple

SQL Server Stretch Database

Data Factory

Logic Apps

Quickly build powerful integration solutions

- Create business processes and workflows visually
- Integrate with SaaS and enterprise applications
- Unlock value from on-premises and cloud applications
- Automate EAI, B2B/EDI and business processes
- Leverage the Microsoft Cloud to enhance integration solutions

B	Conversant	Proficient	Expert
Logic Apps	Introduction	Integrating your system with Logic Apps	Build cloud-first Enterprise integration solutions with Logic Apps

BizTalk Services

Seamlessly integrate the enterprise and the cloud

- Get started quickly with Hybrid Connections
- Extend on-premises systems to the cloud for hybrid integration
- Proven in production—EDI, B2B, Partner, EAI, IOT
- Integration partners add industry and integration expertise

Services	Conversant	Proficient	Expert
BizTalk Services	BizTalk Services	Introduction to BizTalk Services Hybrid Connections	Deep Dive into the Architecture of BizTalk Services

Service Bus

Reliable cloud messaging as a service (MaaS) and simple hybrid integration

- Build reliable and elastic cloud apps with messaging
- Protect your application from temporary peaks
- Decouple your applications from each other
- Connect your existing on-premises systems to cloud solutions
- Distribute messages to multiple independent backend systems
- Scale out ordered messaging to multiple readers

Services	Conversant	Proficient	Expert
Service Bus	Azure Service Bus Relay Overview Azure Service Bus Messaging Overview	Azure Service Bus 101 Azure Service Bus 102 Azure Service Bus 103	Taking Advantage of the Microsoft Azure Service Bus Part 1 Taking Advantage of the Microsoft Azure Service Bus Part 2

API Management

Microsoft Azure API Management is a turnkey solution for publishing APIs to external and internal consumers. Quickly create consistent and modern API gateways for existing backend services hosted anywhere, secure and protect them from abuse and overuse and gain insights into usage and health. Plus, automate and scale developer onboarding to help get your API programmed up and running in no time.

Services	Conversant	Proficient	Expert
API Management	API Management Overview API Management in under 5 minutes	API Management Azure API Management Overview	Using API Management

StorSimple

An enterprise hybrid cloud storage solution that lowers costs by up to 60%

- Consolidate storage infrastructure
- Automate data management across the enterprise
- Accelerate disaster recovery, improve compliance
- Enhance IT agility to support core business

Services	Conversant	Proficient	Expert
StorSimple	Overview of StorSimple	Azure StorSimple	Deploy Azure StorSimple across your enterprise

SQL Server Stretch Database

Dynamically stretch SQL Server databases to Azure

- Scale SQL Server 2016 using bottomless cloud storage
- Make warm and cold data available to users at low cost
- Access and query stretched data online
- Move data easily—no query or application changes required
- Use with advanced security features like Always Encrypted
- Reduce maintenance and storage costs for on-premises data

Services	Conversant	Proficient	Expert
SQL Server Stretch Database	Introduction to SQL Server 2016: Stretch Database	SQL Server Stretch DB	Manage your cold data with SQL Server Stretch Database

Data Factory

Compose and orchestrate data services at scale

- Create, schedule, orchestrate and manage data pipelines
- Visualize data lineage
- Connect to on-premises and cloud data sources
- Monitor data pipeline health
- Automate cloud resource management

Services	Conversant	Proficient	Expert
Data Factory	Introduction to Data Factory Introduction to Data Factory Copy Activity	Data Factory capabilities and scenarios where Data Factory can be applied Monitoring and managing Big Data pipelines	How to Monitor & Manage Big Data Pipelines with Azure Data Factory

Security + Identity

- Security Center
- Identity for developers
- Key Vault
- Azure Active Directory
- Azure Active Directory B2C
- Azure Active Directory Domain Services
- Multi-Factor Authentication

Azure Security Center

Prevent, detect and respond to threats with increased visibility into and control over the security of your Azure resources

- Understand the security state of all of your Azure resources
- Take control of cloud security with policy-driven monitoring of security configurations
- Make it easy for DevOps to deploy integrated Microsoft and partner security solutions
- Find threats with behavioral analysis based on our vast global intelligence and expertise
- Respond to incidents rapidly with insights into attacks and suggestions for remediation14

Services	Conversant	Proficient	Expert
Azure Security Center	Introduction to Security Center Azure Security Center Overview	Azure Security Center - Threat Detection Azure Security Center - Focus on Prevention	

Identity for Developers

Cross-platform: We support iOS, Android, Windows, web. You bring your users and your stack, we shall make it work.
Build apps with Microsoft APIs: Access user data inside the enterprise– get an Office365 user's calendar, mail and contacts. Perfect for viral growth.

Services	Conversant	Proficient	Expert
Identify for Developers	Cloud Identity for Developers	Microsoft Identity Platform for Developers	Integrating OpenID Connect/Oath 2 with Azure AD and ADFS A lap around Azure AD B2C for developers

Key Vault

Safeguard cryptographic keys and other secrets used by cloud apps and services

- Increase security and control over keys and passwords
- Create and import encryption keys in minutes
- Applications have no direct access to keys
- Use FIPS 140-2 Level 2 validated HSMs
- Reduce latency with cloud scale and global redundancy
- Simplify and automate tasks for SSL/TLS certificates

Services	Conversant	Proficient	Expert
Key Vault	Azure Key Vault - Developer Quick Start Azure Key Vault	Introduction to Azure Key Vault Encryption and key management with Azure Key Vault	

Azure Active Directory

Identity and access management for the cloud

- Single sign-on to any cloud and on-premises web app
- Preintegrated with Salesforce.com, Office 365, Box and many more
- Enforce multi-factor authentication with SaaS
- Works with multiple platforms and devices
- Integrate with on-premises Active Directory
- Enterprise scale and SLA

Services	Conversant	Proficient	Expert
Azure Active Directory	What is Azure Active Directory?	Azure Active Directory	Develop Modern Native Applications with Azure Active Directory Develop Modern Web Applications with Azure Active Directory

Azure Active Directory B2C

Consumer identity and access management in the cloud

- Improve connection with your consumers
- Pay only for what you use
- Scale to hundreds of millions of consumers
- Help protect your consumers' identities
- Let consumers use their social media accounts
- Customizable workflows for consumer interactions

Services	Conversant	Proficient	Expert
Azure Active Directory B2C	Consumer Identity and access management in the cloud: Azure AD B2C	Azure AD B2C	

Azure Active Directory Domain Services

Your domain controller as a service

- "Lift-and-shift" apps to Azure more easily than ever
- Use LDAP, Active Directory domain join, NTLM and Kerberos authentication
- Rely on a managed, highly-available service
- Get started in minutes, pay as you go
- Develop and test with no identity worries
- Manage Azure virtual machines effectively using Group Policy

Services	Conversant	Proficient	Expert
Azure Active Directory Domain Services	What is Azure Active Directory Domain Services?	What can Azure Active Directory Domain Services do for you?	

Multi Factor Authentication

Added security for your data and applications—without added hassles for users

- Safeguard access by mobile apps, phone calls and SMS
- Deploy on premises or in the cloud
- Reduce risk; meet compliance requirements
- Protect Office 365, Salesforce, DropBox and other SaaS apps
- Use with VPN, Microsoft IIS, RADIUS, LDAP
- Get real-time fraud monitoring and alerts

Services	Conversant	Proficient	Expert
Multi Factor Authentication	Getting started with Multi-Factor Authentication	Introduction to Multi-Factor Authentication	Multi-Factor Authentication Deep Dive

Developer Tools

- Visual Studio Team Services
- Azure DevTest Labs
- Visual Studio Application Insights
- API Management
- HockeyApp
- Developer Tools and SDKs
- Xamarin
- Storage Explorer

Visual Studio Team Services

Services to let teams share code, track work and ship software—for any language, all in a single package. It is the perfect complement to your IDE.

- Unlimited free private code repositories
- Track bugs, work items, feedback and more
- Agile planning tools
- Continuous integration builds
- Develop in any language
- Use Visual Studio, Eclipse, or your own tools
- Enterprise-grade services scale to any team size
- Free for up to five users

Services	Conversant	Proficient	Expert
Visual Studio Team Services	Overview of Visual Studio Team Services	Moving from Agile to DevOps with Visual Studio Team Services	Secure the enterprise with Visual Studio Team Services

Azure DevTest Labs

Fast, easy and lean dev-test environments

- Quickly provision development and test environments
- Minimize waste with quotas and policies
- Set automated shutdowns to minimize costs
- Build Windows and Linux environments

Services	Conversant	Proficient	Expert
Azure DevTest Labs	What is DevTest Labs?	Introducing Azure DevTest Labs	

Visual Studio Application Insights

Gain actionable insights through application performance management and instant analytics

- Detect and diagnose exceptions and application performance issues
- Monitor Azure websites, including those hosted in containers, plus websites on-premises and with other cloud providers
- Seamlessly integrate with your DevOps pipeline using Visual Studio Team Services, GitHub and our webhooks
- Get started from within Visual Studio or monitor existing apps without re-deploying

Services	Conversant	Proficient	Expert
Visual Studio Application Insights	Introduction to Application Insights	Application Insights performance monitoring Application Insight for App Services	Application Insights for Mobile Applications Application Insights for Web Applications

API Management

Publish, manage, secure and analyse your APIs in minutes

Services	Conversant	Proficient	Expert
API Management	API Management Overview API Management in under 5 minutes	API Management Azure API Management Overview	Using API Management

HockeyApp

Develop, distribute, and beta-test your mobile apps

- Support for Android, Cordova, iOS, OS X, Unity, Windows, and Xamarin apps
- Get live, reliable crash reports
- Collect in-app feedback from real users
- Open-source SDKs let you know what code is running in your apps
- Integrate with your existing build system and work item management solution

Services	Conversant	Proficient	Expert
HokeyApp	What is HockeyApp?	Getting Started with HockeyApp	

Developer Tools and SDKs

Easily build, debug, deploy, diagnose, and manage multi-platform, scalable apps and services

- Build apps that span IaaS and PaaS
- Speed development of enterprise, web, mobile, and Internet of Things apps
- Develop on the cloud directly from Visual Studio, Visual Studio Code, Eclipse, and IntelliJ
- Build cloud apps for Java, Node, Python, Ruby, PHP, or .NET
- Run Azure commands from your command-line interface
- Diagnose live apps with world-class debuggers, profilers, diagnostic tools, and explorers

Xamarin

Create amazing cloud-powered mobile apps faster

- Scale your apps to millions of customers across multiple geographies
- Quickly add authentication, push notifications and offline data sync
- Connect your apps to enterprise systems, in the cloud or on premises
- Use infinitely scalable storage to manage your app resources
- Build powerful apps with integrated tools, cloud services and mobile SDKs
- Integrate your mobile DevOps processes and systems with a few lines of code

Services	Conversant	Proficient	Expert
Xamarin	Develop Connected Apps using Azure and Xamarin	Getting Started with Xamarin	Developing Connected Apps Using Azure and Xamarin

Storage Explorer

Microsoft Azure Storage Explorer (Preview) is a standalone app from Microsoft that allows you to easily work with Azure Storage data on Windows, MAC OS and Linux.

Services	Conversant	Proficient	Expert
Storage Explorer			Storage Explorer

Monitoring + Management

Microsoft Azure portal

Azure Resource Manager

Visual Studio Application Insights

Log Analytics

Automation

Backup

Site Recovery

Scheduler

Microsoft Azure Portal

Microsoft Azure Storage Explorer (Preview) is a standalone app from Microsoft that allows you to easily work with Azure Storage data on Windows, MAC OS and Linux.

Services	Conversant	Proficient	Expert
Microsoft Azure Portal			Microsoft Azure Portal

Azure Resource Manager

Simplify how you manage your app resources
Key scenarios:

- Deploy resources together and easily repeat deployment tasks
- Categories resources to clarify billing and management
- Enable enterprise-grade access control

Services	Conversant	Proficient	Expert
Azure Resource Manager	Introduction to Azure Resource Manager	Azure Resource Manager DevOps	Azure Resource Manager Deep Dive Build and maintain applications with Azure Resource Manager

Visual Studio Application Insights

Gain actionable insights through application performance management and instant analytics

- Detect and diagnose exceptions and application performance issues
- Monitor Azure websites, including those hosted in containers, plus websites on-premises and with other cloud providers
- Seamlessly integrate with your DevOps pipeline using Visual Studio Team Services, GitHub and our webhooks
- Get started from within Visual Studio or monitor existing apps without re-deploying

Services	Conversant	Proficient	Expert
Visual Studio Application Insights	Introduction to Application Insights	Instant Analytics in Azure Application Insights Monitor Web Apps using Azure Application Insights	Advanced Analytics using Application Insights

Log Analytics

Gain deeper insight into your environments

- Effortlessly collect, store and analyze log data
- Rapidly develop actionable insights using inbuilt intelligence
- Investigate and fix incidents quickly
- Gain consistent visibility across on-premises and cloud resources

Services	Conversant	Proficient	Expert
Log Analytics	Introduction to OMS Log Analtyics	OMS Log Analytics	Log Analytics and Visualization Using Microsoft Azure Operational Insights

Automation

Simplify cloud management with process automation

- Save time and money with automation
- Eliminate time-consuming, repetitive tasks
- Improve reliability and efficiency

Services	Conversant	Proficient	Expert
Automation	Understanding OMS Automation Getting started with OMS Automation	Azure Automation - Introduction	Azure Automation Deep Dive

Backup

Simple and reliable cloud integrated backup as a service

- Unified solution to protect data on-premises and in the cloud
- 99.9% availability guaranteed
- Reliable offsite backup target
- Efficient incremental backups
- Secure—data is encrypted in transit and at rest
- Geo-replicated backup store

Services	Conversant	Proficient	Expert
Backup	What is Azure Backup?		Azure Backup - Security Features Announcing VMware VM Backup with Azure Backup Server VMware VM Backup with Azure Backup Server: 1. Establish Secure Communication Channel 2. Share VMware Account to Azure Backup Server 3. Connect Azure Backup Server to VMware Server 4. Protect VMware VMs

Site Recovery

Orchestrate your disaster recovery plan

- Automated protection and replication of virtual machines
- Remote health monitoring
- Customizable recovery plans
- No-impact recovery plan testing
- Orchestrated recovery when needed
- Replication to—and recovery in—Azure

Services	Conversant	Proficient	Expert
Site Recovery	What is Azure Site Recovery?	Introduction to Site Recovery Azure Site Recovery	Implementing Azure Site Recovery for on-premises to Azure DR

Scheduler

Run your jobs on simple or complex recurring schedules

- Call services inside or outside of Azure
- Run jobs on any schedule—now, later or recurring
- Count on it to work reliably, even during unexpected failures
- Use Azure Storage queues for long-running or offline jobs
- Invoke web service endpoints over HTTP/HTTPS
- Invoke Azure Service Bus queues and topics

Services	Conversant	Proficient	Expert
Scheduler	How to schedule stuff	Introduction to Azure Scheduler (Part 1) Introduction to Azure Scheduler (Part 2)	Scheduling jobs in the Cloud with the Azure Scheduler Service

Microsoft Azure Stack

Power of Azure in your datacenter

Microsoft Azure Stack is a new hybrid cloud platform product that enables you to deliver Azure services from your own datacenter.

Services	Conversant	Proficient	Expert
Microsoft Azure Stack	Azure Stack vision	Azure Stack Introduction and Feature Overview	Accelerate time-to-value with cloud-inspired infrastructure

Learn by Roles

Home

Workload	Sales	Pre Sales	IT Pro	Developer	Architect
Azure Certification			Exam 70-533, Exam 70-473	Exam 70-532,	Exam 70-534, Exam 70-475
All-up Azure Learning (Generic Topics)	Conversant | Proficient | Expert	Conversant | Proficient | Expert	Conversant | Proficient | Expert	Conversant | Proficient | Expert	Conversant | Proficient | Expert
Transform the Datacenter	**Transform the Datacenter**				
Datacenter Modernization			Conversant | Proficient	Conversant | Proficient	
Cloud Compute			Conversant | Proficient	Conversant | Proficient	
Hybrid Storage	Conversant | Proficient	Conversant | Proficient	Conversant | Proficient	Conversant | Proficient	
Business Continuity and Disaster Recovery	Proficient		Proficient | Expert	Proficient | Expert	
Dev/Test, pre and production environments		Proficient	Conversant | Proficient | Expert	Conversant | Proficient | Expert	Proficient
Unlock Data Insights	**Unlock Data Insights**				
Mission Critical and Hybrid Workloads		Proficient | Expert	Conversant | Proficient | Expert	Conversant | Proficient	
Big Data and Modern Data Warehousing	Proficient		Conversant | Proficient	Conversant | Proficient | Expert	Expert
Upgrade and Modernize Data Platform	Proficient	Proficient | Expert	Conversant | Proficient | Expert	Conversant | Proficient	
Power BI & Advanced Analytics			Conversant | Proficient	Conversant | Proficient | Expert	Proficient
Create Internet of Things	**Create Internet of Things**				
IoT		Proficient		Conversant | Proficient	Conversant | Proficient | Expert
Enable Application Innovation	**Enable Application Innovation**				
Agility and DevOps			Proficient	Conversant | Proficient	
Modern Applications				Conversant | Proficient | Expert	
Microsoft Events (Upcoming Events)	Azure Star Seller Program		Bootcamp for Exam 70-533	Bootcamp for Exam 70-532	

All-up Azure Learning Map - Sales

Training	Level	Description	Getting Started	Source	Duration
Onboarding Learning Paths	Conversant	Paths organized by roles (BDM, Sales, Pre Sales, IT Implementers, architects	Online self-service	MPN	--
Sales Boot Camp Online | Assessment	Conversant	Provide partners with a general overview on Azure (what it is, value proposition etc.)	Online self-service	MPN	2 Hours 17 Mins
Azure Site Recovery | Documentation Video	Conversant	General overview on Azure Site Recovery	Online self-service	MVA	30 Mins 50 Sec
Azure Pitch Perfect: By Workload	Conversant	Train Partner specialists on how to lead an Azure discussion with business or technical decision makers- Pitch perfect	Online self-service	MPN	1 Hour 21 Mins
Partner Onboarding Center	Conversant	Guided onboarding	Field-nomination run by local Azure BG (Contact Local Partner Mgr/ Alliance)	MPN	5 Hours
Specialization Learning Paths	Proficient	Repository of courses organized by Azure Scenarios	Online self-service	MPN	--
Pitch Perfect Sessions by Workload	Proficient	Deep dive Sales Readiness on lead generation, Workload Pitch, Handling objections and sales blockers at workload level	Enterprise Partner Team	MPN	1 Hour 21 Mins

All-up Azure Learning Map - Presales

Training	Level	Description	Getting Started	Source	Duration
Onboarding Learning Paths	Conversant	Paths organized by roles (BDM, Sales, Pre Sales, IT Implementers, architects	Online self-service	MPN	--
Sales Boot Camp Online | Assessment	Conversant	Provide partners with a general overview on Azure (what it is, value proposition etc.)	Online self-service	MPN	2 Hours 17 Mins
Azure Pitch Perfect: By workload	Conversant	Train Partner specialists on how to lead an Azure discussion with business or technical decision makers- Pitch perfect	Online self-service	MPN	1 Hour 21 Mins
Pre Sales Bootcamp: Azure Sales Scenarios	Conversant	10 case studies and their suggested solutions	Online self-service via MPN	MPN	
Partner Onboarding Center	Conversant	Guided onboarding	Field-nomination run by local Azure BG (Contact Local Partner Mgr/ Alliance)	MPN	5 Hours
Specialization Learning Paths	Proficient	Repository of courses organized by Azure Scenarios	Online self-service	--	
Winning the Azure RFP/RFQs: Past Session List 1 Past Session List 2 Past Session List 3 Past Session List 4	Proficient/Expert	Technical Pre Sales Series on Microsoft Azure	Online Virtual Instructor Led Sessions	50+ Hours	
Mature the Azure based opportunity pipeline: Past Session List 1	Proficient	Technical Pre Sales Series on Microsoft Azure	Online Virtual Instructor Led Sessions	5 Hours	

All-up Azure Learning Map - IT Pro

Training	Level	Description	Getting Started	Source	Duration
Azure 101 Series : Getting the fundamentals Right	Conversant	Azure Fundamentals Azure in Industries Cost Modeling on Azure Cloud Security & Azure Trust Distinguished Value Prop : Azure Vs Other players Azure Life cycle tools & Resources for EP Partners	Virtual Instructor Led	EP Readiness Team (To be scheduled Q1 FY17)	1 Hour
Technical Boot Camp In Person | Online | Remote Delivery	Conversant	Level 200 technical training – 8 hours on demand or at scheduled dates	In Person – Contact your local PLD Online self-service via MPN See link for available sessions in your geography	MPN	--
Azure Fundamentals Course (MS Book, MVA, thru CPLS)	Conversant	2 Day hands on instruction and practice covering fundamentals and basic implementations	Online self-service	MPN	--
Partner Onboarding Center	Conversant	Guided onboarding	Field-nomination run by local Azure BG (Contact Local Partner Mgr/ Alliance)	MPN	5 Hours
MS Specialist Certifications	Proficient	(Prepare via MS press, MVA, or MOC): Azure Infrastructure Solutions 70-533 or Developing Azure Solutions Developer (MCP 70-532) **	Directed Online		--
Presales courses	Proficient	1:1 guidance by GPS including a toolkit and an engagement guide to learn the Azure business modeling and the most common usage scenarios.	1:1 Guidance – Contact your local PLD		--
Azure Practice Accelerators for IaaS and PaaS (self-service content and instructor-led expertise transfer)	Proficient	On-demand or virtual Best practices Transfer on how to structure their services offerings – free or 5 Advisory hours	See link for available sessions in your geography		--

All-up Azure Learning Map - Developer

Training	Level	Description	Getting Started	Source	Duration
Onboarding Learning Paths	Conversant	Paths organized by roles (BDM, Sales, Pre Sales, IT Implementers, architects	Online self-service	MPN	--
Technical Boot Camp In Person | Online | Remote Delivery	Conversant	Level 200 technical training – 8 hours on demand or at scheduled dates	In Person – Contact your local PLD Online self-service via MPN See link for available sessions in your geography	MPN	--
Azure Fundamentals Course (MS Book, MVA, thru CPLS)	Conversant	2 Day hands on instruction and practice covering fundamentals and basic implementations	Online self-service	MPN	--
MS Specialist Certifications	Proficient	(Prepare via MS press, MVA, or MOC): Azure Infrastructure Solutions 70-533 or Developing Azure Solutions Developer (MCP 70-532) **	Directed Online		--
Azure Practice Accelerators for IaaS and PaaS (self-service content and instructor-led expertise transfer)	Proficient	On-demand or virtual Best practices Transfer on how to structure their services offerings – free or 5 Advisory hours	See link for available sessions in your geography		--
Bootcamp for Exam 70-532	Expert	Prepare for Azure Certification through the Bootcamp Series	Online Virtual Instructor Led Session		18 Hours

All-up Azure Learning Map - Architect

Training	Level	Description	Getting Started	Source	Duration
Onboarding Learning Paths	Conversant	Paths organized by roles (BDM, Sales, Pre Sales, IT Implementers, architects	Online self-service	MPN	--
Technical Boot Camp In Person | Online | Remote Delivery	Conversant	Level 200 technical training – 8 hours on demand or at scheduled dates	In Person – Contact your local PLD Online self-service via MPN See link for available sessions in your geography	MPN	--
Azure Fundamentals Course (MS Book, MVA, thru CPLS)	Conversant	2 Day hands on instruction and practice covering fundamentals and basic implementations	Online self-service	MPN	--
Partner Onboarding Center	Conversant	Guided onboarding	Field-nomination run by local Azure BG (Contact Local Partner Mgr/ Alliance)	MPN	5 Hours
MS Specialist Certifications	Proficient	(Prepare via MS press, MVA, or MOC): Azure Infrastructure Solutions 70-533 or Developing Azure Solutions Developer (MCP 70-532) **	Directed Online		--
Arconnect Series	Proficient	Workshop series for architects for each azure priority scenario	Enterprise Partner Team		
Azure Practice Accelerators for IaaS and PaaS (self-service content and instructor-led expertise transfer)	Proficient	On-demand or virtual Best practices Transfer on how to structure their services offerings – free or 5 Advisory hours	See link for available sessions in your geography		--
SI Azure Architect Workshops	Expert	3-4 day workshop providing component deep dives, patterns / proven practices and hands on case studies aimed at senior cloud architects	Invitation only – contact your alliance manager		--
Firefighting Azure Projects	Expert	Azure Series for Architects	Online Virtual Instructor Led Session		2.5 Hours
Developing World class solution Architectures on Azure	Expert	Azure Solution Series for Architects	Online Virtual Instructor Led Session		2.5 Hours

Azure Learning Map – "Transform the Datacenter" (Online Self-service Delivery)

Solution : Datacenter Modernization

Training	Level	Role(s)	Description	Source	Duration
Operations Management Suite	Conversant	IT Pro / Dev	During this session we will explore the functionality that is delivered by the Azure Automation service. We will travel from a simple runbook, integrate DSC and demonstrates how you can execute automation runbook in your local datacenter via the hybrid worker	Channel9.MSDN.com	50 Mins
Azure Resource Manager	Conversant	IT Pro / Dev	Every click, select, text-entry and check-box you need, plus diagrams to show you what is being built. The pictures show how the architecture relates to the controls in the UI that are Bing clicked, dragged, dropped etc.	Channel9.MSDN.com	1 Hour 8 Mins
Private Cloud Deployment	Proficient	IT Pro / Dev	High Performance Private Cloud Infrastructure for Operating MS System Center	Channel9.MSDN.com	46 Mins
Operations Management Suite	Conversant	IT Pro / Dev	With Azure Automation Desired State Configuration, part of the Operations Management Suite (OMS) resources in any cloud or on-premises can be managed. In this session we will show how to author a basic configuration and apply it to machines in Azure and AWS	Channel9.MSDN.com	1 Hour
Windows Server 2003 Migration	Conversant	IT Pro / Dev	Here's a look through the migration process and the phases that make up the approach. Go in-depth on the steps in each phase of migration. And then choose one more categories of workload that you need to migrate. This is Windows Server 2003 Migration Planning Assistant	migrationplanningassistant.azurewebsites.net	NA

Azure Learning Map – "Transform the Datacenter" (Online Self-service Delivery)

Solution : Cloud Compute & Hybrid Storage

Training	Level	Role(s)	Description	Source	Duration
Linux on Azure	Conversant	IT Pro / Dev	Discover how Microsoft adds value to your existing Linux and open source investments across Hyper-V, System Center, Azure Stack, and Azure	MVA	1 Hour
Linux on Azure	Proficient	IT Pro / Dev	If you have questions about using Linux on the Microsoft Azure platform, this detailed course has answers for you. Explore some common tasks with the experts from Linux Academy. Learn about creating a Linux virtual machine (VM) in Azure, accessing the Linux VM using remote desktop software, and running virtual hosts	MVA	3 Hour
Azure Virtual Machine	Conversant	IT Pro / Dev	Tune in for this great introduction and feature overview discussion packed with great demos and information on how to get started with Azure in your datacenter through Azure Stack	Channel9.MSDN.com	34 Mins
Virtual Machine Networking concepts	Proficient	IT Pro	Azure ExpressRoute lets you create private connections between Azure datacenters and infrastructure on your premises or in a colocation environment. Join us as we discuss various Enterprise scenarios and how you can get the most out of Azure ExpressRoute in your environment	Channel9.MSDN.com	48 Mins
StorSimple Virtual Array	Conversant	IT Pro	Step-by-step instructions for creating shares, taking backups, and restoring data on a StorSimple Virtual Array	Channel9.MSDN.com	7 Mins
Azure Storage	Conversant	IT Pro/Dev	This video provides an introduction to Microsoft Azure Storage for developers, IT Pros, and business decision makers. It includes: What Azure Storage is and how you can take advantage of it in your cloud, mobile, server, and desktop applications, What kinds of data you can store with the Azure Storage services: Blob, Table, Queue, and File storage and How access to your data in Azure Storage is managed	Azure.Microsoft.com	8 Mins
Azure Container Service	Proficient	IT Pro / Dev	In this episode, we talk about the Azure Service Container and about what Docker is by demonstrating running the Hello World container and then we move on to running 20 web servers in containers in a matter of seconds. Then we go on to explain Docker Swarm and Apache Mesos and how they work with the new Azure Container Service	Channel9.MSDN.com	38 Mins

Azure Learning Map – "Transform the Datacenter" (Online Self-service Delivery)

Solution : Business Continuity and Disaster Recovery

Training	Level	Role(s)	Description	Source	Duration
OMS (Hybrid Management)	Expert	IT Pro	Hybrid Cloud – Operations Management Suite in the real world. Operations Management Suite is getting better and better, it has now reached the level of "OMG, hey you can really use it in the real world". In this session you will learn how we have used it for a while and how you could start using it	Channel9.MSDN.com	1 Hour
Operations Management Suite	Proficient	IT Pro	Join us through this all demo session and Azure Automation and AWS provisioning, Azure Site Recovery and Azure Backup	Channel9.MSDN.com	40 Mins
Azure Backup and OMS	Proficient	IT Pro	Learn how Microsoft cloud integrated backup solution can help you leverage Azure to eliminate traditional tape backup as well as reduce/eliminate branch office backup infrastructure. As you consider moving your workloads to Azure, you want to ensure you get the same level of protection as you do on premise	Channel9.MSDN.com	49 Mins
Log Analytics (Cloud Management)	Proficient	IT Pro/Dev	At the core of Microsoft Azure Operational Insights is the log search feature which allows you to combine and correlate any machine data from multiple sources within your environment. Solutions are also powered by log search to bring you metrics pivoted around a particular problem area	Channel9.MSDN.com	4 Mins
Log Analytics (Cloud Management)	Proficient	IT Pro/Dev	This session will be packed with tips and tricks to select the correct solutions for the job, create your first search queries and most importantly see the things you have created live in action on your own dashboard. A "not to miss" session if you want to move forward and take your OMS skills to the next level	Channel9.MSDN.com	50 Mins
Azure Site Recovery	Expert	IT Pro/Dev	Learn how Azure Backup helps you to protect important files, folders, and workload-specific data, such as SQL Server, in the cloud, replacing legacy tape infrastructure but still meeting your regulatory requirements. Explore Azure Site Recovery, and see how you can use Azure or your own datacenter as a disaster recovery site, whether you're running Hyper-V, VMware, or physical servers	MVA	4 Hours

Azure Learning Map – "Transform the Datacenter" (Online Self-service Delivery)

Solution : Dev/Test, Pre and Production Environments

Training	Level	Role(s)	Description	Source	Duration
Deployment in Azure for SQL	Conversant	IT Pro / Dev	Learn how to combine Azure SQL Database, DocumentDB, and Azure Search to ingest store documents, social data, and structured transaction data to build applications with different data needs. Plus, explore the functional capabilities for relational, non-relational, NoSQL, real-time streaming, and search workloads	MVA	1 Hour
Linux Azure	Expert	IT Pro / Dev	Microsoft Azure is a cloud computing platform that allows you to host web applications without having to deal with the underlying infrastructure. Whether you prefer running your site on a Linux or Windows VM, or rather deploy your site by pushing it to a git repo, Azure gives you that flexibility, all in a matter of minutes	Channel9.MSDN.com	38 Mins
Dev/Test	Proficient	IT Pro / Dev	Corey will walk through many of the ways to build applications using Virtual Machines on Azure. He will talk about building apps using Dev/Test lab and VSTS. He will also cover deploying apps on the newly released VM Scale Sets and Azure Container Service. He will walk through some of the latest support for Linux and Cloud Foundry on Azure and deploying full packaged products in easy ways	Channel9.MSDN.com	1 Hour
Deployment in Azure for SQL	Proficient	IT Pro / Dev	Get a platform overview, and hear about security features, options for high availability, techniques for monitoring and managing cloud data, and more. Plus, get guidance on how to identify tradeoffs and make decisions for designing public and hybrid cloud solutions using Microsoft cloud data platform features	MVA	3 Hours
Linux on Azure	Proficient	IT Pro	Discover how Microsoft adds value to your existing Linux investments across Hyper-V, System Center, Microsoft Azure Stack, and Azure, with hybrid, enterprise-grade virtualization, monitoring, management, modeling, and orchestration, and see how Linux and open source solutions are full citizens in the Microsoft platform	MVA	1 Hour
Dev/Test	Proficient	Developer	Are you a developer who needs to deliver faster and better applications? Moving your development and testing environments to the cloud can help you achieve exactly that! Learn how to get it done, and find out the benefits of making the move. Plus, see demonstrations and presentations that show you how Microsoft Azure can support your development and testing needs	MVA	3 Hours
SAP on Azure	Proficient	Technical Presales	Yes it is supported! SAP on Azure IaaS!	Microsoft Events	2.5 Hours
Open Source on Azure	Proficient	Architect	Microsoft Azure and Open Source Technologies – The Big Picture	Microsoft Events	2. Hours

Azure Learning Map – "Unlock Data insights" (Online Self-service Delivery)

Solution : Mission Critical and Hybrid Workloads & Upgrade and Modernize Data Platform

Training	Level	Role(s)	Description	Source	Duration
SQL Server Back-up and Recovery on Azure	Conversant	IT Pro / Dev	On this Data Driven session, learn how In-Memory OLTP delivers performance improvements up to 30X for transactional workloads in SQL Server and Azure SQL Database.	Azure.Microsoft.com	18 Mins
SQL Server Back-up and Recovery on Azure	Conversant	ITPro	Securely and transparently leverage infinite storage and computer capacity in Azure with SQL Server 2016 Stretch Database	Channel9.MSDN.com	18 Mins
SQL Data Warehouse on Azure	Proficient	Developer	This session will cover the fundamentals of data distribution, table design and query optimization; helping you to deliver the best performance for your solution	Channel9.MSDN.com	41 Mins
SQL Server Deployment on Azure	Proficient	IT Pro / Dev	This Data Driven session discusses why Azure Virtual Machine is the best cloud platform to run SQL Server 2016. It provides an overview of the SQL Server deployment, configuration, management and monitoring	Channel9.MSDN.com	17 Mins
SQL Server EOS	Proficient	IT Pro	Upgrade your database today to see dramatic performance gains and new high availability features. Easily scale and onramp to the cloud while maintaining security, support, and compliance.	sql05upgrade.azurewebsites.net/	NA
SQL Server EOS	Proficient	IT Pro / Dev	Our SQL Server 2005 Upgrade webinar is a great place to start. Learn about the risks of continuing to rely on aging technology and the many benefits of migrating to SQL Server 2014 and Azure SQL Database	Microsoft	NA
SQL Server EOS	Proficient	Technical Presales	Targeting the EOS/EOL Scenarios	Microsoft Events	2.5 Hours
SQL Server Deployment on Azure	Proficient	Technical Presales	Provide a Business Intelligence and OLTP on SQL Server in Azure IaaS solution	Microsoft Events	2.5 Hours
SQL Server Deployment on Azure	Expert	Technical Presales	Provide answers to the obvious - for HA/DR for SQL Server in Azure IaaS	Microsoft Events	2.5 Hours
Microsoft R Open	Proficient	IT Pro \ Dev	In this 60-minutes webinar, we will introduce the R language and community, and give examples of R in action. In the webinar, we will demonstrate Microsoft R Open, Microsoft's enhanced distribution of open-source R	Channel9.MSDN.com	1 Hour
Microsoft R Server	Proficient	IT Pro \ Dev	On this Data Driven session, we will learn about R Server in a nutshell: How it allows you to scale your advanced analytics, what functions and algorithms come in the box, the difference between in-database R Services and a standalone R Server, and more	Channel9.MSDN.com	10 Mins

Azure Learning Map – "Unlock Data insights" (Online Self-service Delivery)

Solution : Big Data, Power BI, Advanced Analytics & Modern Data Warehousing

Training	Level	Role(s)	Description	Source	Duration
Power BI (Business Intelligence)	Conversant	Developer	In this quick video you will learn how to get signed up for Power BI using either your Work Email address, an existing Office 365 account, or by signing up for a free Office 365 trial	Channel9.MSDN.com	7 Mins
Azure Data Lake	Proficient	Developer	Azure Data Warehouse and Azure Data Lake are two new services designed to work with all of your data no matter how big or complex. This session will drill into the strengths of each service and walk through the common application patterns for integration of large scale data analysis in the cloud using these services	Channel9.MSDN.com	1 Hour
Big Data	Proficient	Developer	In this webinar, see the brand new Azure Data Factory application. Learn how to deploy, monitor and manage complex data pipelines with one simple interface and consistently deliver refined data to feed your BI and other analytics tools	Channel9.MSDN.com	1 Hour
Azure Data Lake	Proficient	ITPro/Developer	Azure Data Lake Deep Dive	Channel9.MSDN.com	19 Mins
Big Data	Proficient	Developer	The video covers how to get started to build big data solutions in Azure. Azure provides different Hadoop clusters for Hadoop ecosystem. The video covers the basic understanding of HDInsight clusters including: Apache Hadoop, HBase, Storm and Spark. The video covers how to integrate with HDInsight in .NET using different Hadoop integration frameworks and libraries	Channel9.MSDN.com	30 Mins
Modern Data Warehousing	Conversant	Developer	This session will cover the fundamentals of data distribution, table design and query optimization; helping you to deliver the best performance for your solution	Channel9.MSDN.com	42 Mins
Modern Data Warehousing	Conversant	IT Pro / Dev	In this demo-driven session, learn by example about the tools available for seamless data integration in the cloud with Azure Data Factory, Azure Data Lake Store and Azure Data Lake Analytics, SQL Data Warehouse, on-premises Hadoop, other data sources and more	Channel9.MSDN.com	33 Mins
Advanced Analytics	Expert	Architect / Developer	Come learn how to build and deploy intelligent applications that combine the power of R, SQL Server, thousands of open source R extension packages, and high-performance implementations of the most popular machine learning algorithms at scale	Channel9.MSDN.com	1 Hour

Azure Learning Map – "Unlock Data insights" (Online Self-service Delivery)

Solution : Advance Analytics

Training	Level	Role(s)	Description	Source	Duration
Analytics with Azure Machine Learning	Proficient	Developer	Learn how Microsoft Azure provides a platform for storing and processing big data both at rest and in motion, find out how to apply common big data processing techniques to generate insights from your data at scale, and see how to build predictive machine learning models that power intelligent applications. Plus, check out recommended resources and next steps	MVA	1 Hour
Analytics with Azure Machine Learning	Conversant	Developer	Learn how CRM creates Office 365 Groups to improve collaboration how you can access CRM data in the context of email with the Outlook Add-in. The updated experiences can also leverage Azure Machine Learning to create cross-sell recommendations and Cortana to report interactive insights from Windows 10	Channel9.MSDN.com	13 Mins
Stream Analytics	Proficient	Developer	We will talk about Azure Stream Analytics. How Stack Exchange handles 560 million page view each month. And unit tests are finally getting smarter	Channel9.MSDN.com	42 Mins
APS (Polybase)	Proficient	Architect / Developer	To gain insights from both your Hadoop data and your relational data stored in SQL Server, you often need to transform and move data from one environment to the other. On this Data Driven session, you'll learn how PolyBase in SQL Server 2016 enables you to query HDFS using T-SQL directly from SQL Server	Channel9.MSDN.com	16 Mins
Azure Data Factory	Proficient	Architect / Developer	Exploring data orchestration concepts? Check out this course on the basic capabilities of Azure Data Factory (ADF). Get an overview of advanced analytics, and see how Azure Data Factory fits into the Cortana Analytics Suite. Plus, learn how to operate a data factory as part of an analytics solution	MVA	1 Hour
Azure Data Lake Analytics	Proficient	Developer	Azure Data Lake Analytics is a new distributed service in the Azure Data Lake. In this session we'll cover, Basic components of the Azure Data Lake Analytics, Explore the architectural layers that support storage and compute, Recap U-SQL	Channel9.MSDN.com	1 Hour

Azure Learning Map – "Create Internet of Things (IoT)" (Online Self-service Delivery)

Solution : Internet of Things

Training	Level	Role(s)	Description	Source	Duration
Azure IoT Suite	Proficient	Developer	Get an introduction to IoT and associated concepts, and explore IoT as it relates to Windows 10. Take a look at developing and deploying IoT applications. Plus, learn about IoT cloud services, in this practical //build prep course	MVA	1 Hour
Azure IoT Suite	Proficient	Developer	Are you a developer who needs an introduction to the Internet of Things? Be sure to check out this course, which includes lots of code demonstrations and practical tips. Plus, get additional IoT resources and links to open source code projects	MVA	4 Hours
Azure IoT Suite	Conversant	Architect / Developer	In this talk you will see how to make use of Azure's features to collect, display and push data as part of the Internet of Things. You'll see how you can use any hardware solution you want to create data and send it to the cloud	Channel9.MSDN.com	42 Mins
Azure IoT Suite	Proficient	Architect / Developer	In this video, we walk through labs to learn using a Raspberry Pi device and Microsoft Azure to detect and analyze weather data.	Channel9.MSDN.com	18 Mins
Azure IoT Suite	Proficient	Architect / Developer	A flight in the cloud with the Universal Windows Platform and Azure IoT	Channel9.MSDN.com	1 Hour 12 Mins
Azure IoT Suite	Expert	Architect	At the end of the session you should have a good understanding of what Azure IoT Hub and Azure IoT Suite are, and how developers can use our SDKs to build tomorrow's killer IoT solution on Azure	Channel9.MSDN.com	44 Mins

Azure Learning Map – "Enable Application Innovation" (Online Self-service Delivery)

Solution : Agility & DevOps

Training	Level	Role(s)	Description	Source	Duration
Application Lifecycle Management	Conversant	Developer	Find out how to simplify the process with Microsoft Azure and Visual Studio, which offer great support for application lifecycle management and DevOps	MVA	1 Hour
Azure App Service	Proficient	Developer	In this session we'll review several steps you can take to make sure your app truly scales. From simply making sure your app is stateless, through fine tuning App Service to optimize for scale, to leveraging services across Azure to scale. Session will provide detailed guidance on scaling with App Service and best practices used in real projects deployed on App Service	Channel9.MSDN.com	1 Hour
Dev & Test Environments	Proficient	IT Pro/ Developer	In this session we'll look at Azure's container strategy from the beginning to today and on into the near future. We'll see plenty of practical demos and look at why the Azure Container Service is necessary	Channel9.MSDN.com	1 Hour

Azure Learning Map – "Enable Application Innovation" (Online Self-service Delivery)

Solution : Modern Applications

Training	Level	Role(s)	Description	Source	Duration
Web Apps	Expert	Developer	In this session we will look at how easy it is to create, deploy and manage WebJobs seamlessly with integrated tooling in Visual Studio. We will also look at the WebJobs Dashboard on the Azure portal which provides powerful management capabilities that give you full control over the execution of WebJobs	Channel9.MSDN.com	1 Hour
Mobile Applications	Expert	Developer	In this session we'll review several steps you can take to make sure your app truly scales. From simply making sure your app is stateless, through fine tuning App Service to optimize for scale, to leveraging services across Azure to scale. Session will provide detailed guidance on scaling with App Service and best practices used in real projects deployed on App Service	Channel9.MSDN.com	1 Hour
Mobile Engagement	Conversant	Developer	A quick overview of Azure Mobile Engagement - a newer SaaS service on Azure platform which enables app publishers and app owners to easily track usage behavior, create rich and dynamic segments and send targeted system and in-app push notifications, polls etc.	Channel9.MSDN.com	19 Mins
Web Apps	Proficient	Developer	Azure Functions introduces an event driven, compute-on-demand experience that builds on Azure's market leading PaaS platform. Come and experience how Azure Functions extends the existing WebJobs infrastructure to let you easily implement code in a variety of languages that reacts to events generated from across the breadth of Azure services, SaaS products, and on-premises systems	Channel9.MSDN.com	54 Mins

Strategic Presales Information for Azure

Artifact/Information	Description
Why Microsoft	Discover how Microsoft delivers more value than the competition
Why Azure	Learn why Microsoft delivers a more complete, more flexible, more fully integrated cloud vision than other platforms
Azure Differentiators	Learn how Microsoft Azure differentiates from other cloud service providers
Best use-cases for Azure in a large organization	Learn how businesses are using Microsoft Azure to address opportunities with the Microsoft Azure customer stories
Hybrid infra using your private cloud and Azure	Get started and explore private cloud and hybrid scenarios
Azure Related Regulators	Learn about different regulators and standards Azure complies with

SAP Deep Dive Partner Workshop

Session Title	Duration	Registration Link
Azure Compute, Storage, Networking, and Monitoring for SAP	74 minutes	Click Here
Architecting Virtual Machine & Hybrid Solutions	53 minutes	Click Here
SAP Business Suites NetWeaver on Azure Architecture Design	52 minutes	Click Here
Building SAP systems via Azure Portal	64 minutes	Click Here
Infrastructure as Code	52 minutes	Click Here
SAP Silent Install	18 minutes	Click Here
SAP HANA Architecture design session	21 minutes	Click Here
SAP BW on HANA case study	31 minutes	Click Here
Building SAP HANA system via Azure portal	30 minutes	Click Here
SAP HANA on Microsoft Azure Private Preview and Certification Summary	17 minutes	Click Here

Past Events – Transform the Datacenter

Session Title	Time (IST)/Registration Link
RHEL on Azure	Click Here
Using Azure as a DR Solution with Azure Site Recovery	Click Here
Implementing Azure Backup - for Azure VMs and On premise workloads	Click Here
Manage Identity on the cloud with Azure Active Directory	Click Here
An early Insight into Azure Active Directory Domain Services and Azure AD B2C capabilities	Click Here
Introduction to Azure Remote Apps	Click Here
Introduction to Azure Container Services (ACS)	Click Here
Introduction to Monitoring, Diagnostics and Operations Management Suite	Click Here
Implementing Azure Automation - Graphical and textual runbook authoring	Click Here
Understanding the Security paradigm on Azure	Click Here
Achieve consistency with one cloud environment with Microsoft Azure Stack (preview)	Click Here
Hybrid Cloud Management and Monitoring with System Center Suite	Click Here

Past Events – Transform the Datacenter

Session Title	Recording Link
Enable IT Organizations to leverage Azure	Click Here
Azure Infrastructure Services (IaaS) - Introduction and Foundation	Click Here
Data Storage solutions on Azure	Click Here
Extend on premises connectivity to Azure	Click Here
Taking the first step to the cloud with Dev Test on Azure with Azure Dev Test Labs	Click Here
Azure IaaS - Running Active Directory Domain Controllers on Azure	Click Here
Azure SQL database (PaaS) vs SQL Server on Azure Virtual machines (IaaS)	Click Here
Designing the right BCDR strategy for SQL Server with hybrid cloud integration	Click Here
SharePoint on Azure	Click Here
SAP on Azure	Click Here

Past Events - Winning an Azure IaaS RFP/RFQ

Session Title	Recording Link
Application Patterns and Development Strategies for SQL Server in Azure Virtual Machines	Click Here
Database Migration Guidance	Click Here
Scale Out with Elastic databases	Click Here
Answering the Big question of data security	Click Here
Selling Azure as a Data Platform	Click Here
Planning Your Big Data Architecture on Azure	Click Here
The What of Big Data, Hadoop and HD Insights	Click Here
Harnessing the Power of Hadoop with Microsoft Azure HDInsights	Click Here
How to sell Big Data and the Modern Data Warehouse with the Analytics Platforms Systems to the Enterprise	Click Here
Win Data platform engagements with BizTalk deployments and upgrades	Click Here
Go for More: NoSQL/DocumentDB on Azure	Click Here
Explore the Core of Data Science with Azure Machine Learning	Click Here
Transforming Businesses Through the Power of Analytics - Welcome to Cortana Analytics Suite	Click Here
Real World Scenarios with Cortana Analytics Suite	Click Here

Past Events - Winning an Azure IaaS RFP/RFQ

Session Title	Recording Link
Part 1 – Datacenter Consolidation and Migration	Click Here
Part 2 – Cloud Integrated storage solution with Storsimple	Click Here
Part 3 – Targeting the EOS/EOL Scenarios	Click Here
Part 4 – Hybrid Dev/Test Solution-In-a-Box	Click Here
Part 5 – Provide a Business Intelligence and OLTP on SQL Server in Azure IaaS solution	Click Here
Part 6 – Provide answers to the obvious - for HA/DR for SQL Server in Azure IaaS	Click Here
Part 7 – Yes it is supported! SAP on Azure IaaS!	Click Here
Licensing and Competition landscape for Microsoft Data Platform	Click Here
Build a strong foundation with SQL Server 2014	Click Here

Past Events - Winning an Azure IaaS RFP/RFQ

Session Title	Recording Link
Microsoft Azure for Dev/Test	Click Here
Microsoft Azure for Backup and DR	Click Here
Hybrid Identity solutions with Microsoft Azure	Click Here
Hybrid SharePoint with Microsoft Azure	Click Here
Hybrid Cloud Monitoring and Automation for Microsoft Azure	Click Here
Hosting SAP on Microsoft Azure	Click Here
SAP on Azure Real Life Guidance	Click Here
Harnessing the power of SQL on Azure	Click Here
Selling migration services from AWS to Azure	Click Here
Selling Azure as a platform for IoT Predictive Maintenance solutions	Click Here
Azure as a platform for Big Data and Advanced Analytics solutions	Click Here
Microsoft Azure for Linux Based Workloads	Click Here
Microsoft Azure for Desktop as a Service solutions	Click Here

Past Events – Azure Star Seller Program

Session Title	Time (IST)/Registration Link
Kick off session: digital transformation & the cloud opportunity	Click Here
Doing business in the cloud – insights from successful sellers	Click Here
The (cloud) buyer journey – the interest triggers & first prospects	Click Here
Understanding azure – the value proposition & sales scenarios	Click Here
Boost your sales - differentiate with azure services	Click Here
The business continuity of today – how to challenge tomorrow	Click Here
development & testing on steroids	Click Here
Cloud storage with an on premise character	Click Here
The digital worker - mobile and remote workforce enablement	Click Here
Business intelligence - get the right insight into the right hands	Click Here
Selling to the industries – the message of digital transformation	Click Here
Extend your customer's data center with the flexibility and availability of cloud	Click Here
Support customer's digital efforts with scalable mission-critical websites	Click Here
Protect your customer’s data and applications with reliable SQL server platform	Click Here
Provide your customers with flexibility of virtualization in the cloud	Click Here
Leverage your customers' dev-test capabilities with scalable, on-demand infrastructure	Click Here
Bring business data to life through a rich immersive visualization experience	Click Here
Simplify hybrid cloud management with process automation	Click Here
Accelerate and streamline continuous deployment with DEVOPS tools	Click Here
Focus on apps development by using a powerful fully-managed cloud database	Click Here

Past Events – Azure Star Seller Program

Session Title	Recording Link
Fast, easy, and lean - Dev & Test on Azure	Click Here
Real-time insights into the Business – Azure and Power BI	Click Here
The world is not Cloud or Black - Hybrid Cloud Automations & Management	Click Here
How to identify prospects for Azure Services - within your existing accounts	Click Here
Support Client's projects with Agility and Speed - Dev & Ops on Azure	Click Here
Higher, Faster, Stronger – SQL Deployment, Dev & Test on Azure	Click Here
Business Continuity and Disaster Recovery – Hybrid Management and Log Analytics	Click Here
Enrich the Business Video Experience – Media Services on Azure	Click Here
Realize the Value of Data – Modern Data Warehousing on Azure	Click Here
Cure Your Customer "Storage Paranoia" - Hybrid Storage on Azure	Click Here
Mobile is the new normal – Mobile Apps powered by Azure	Click Here
Manage, analyze and report on big data with Azure HD Insight	Click Here
Higher, Faster, Stronger – SharePoint Deployment, Dev & Test on Azure	Click Here
Maximize app usage, user retention, and monetization - Mobile Engagement	Click Here
Build, deploy, and share predictive analytics solutions – Machine Learning with Azure	Click Here
Higher, Faster, Stronger – SAP Deployment, Dev & Test & Training on Azure	Click Here

Appendix

Microsoft

Recommended Azure Readiness Channels for Enterprise Partners – FY17

On Demand Learning / Self-study

(Start here)

Azure Learning Map

Azure Partner Readiness Catalogue

(Other Online Assets)

- Microsoft Partner Network
- Microsoft Virtual Academy
- Partner Learning Center
- Channel 9
- Public/Partner Content Repositories
- Partner Academy Live

Live Events

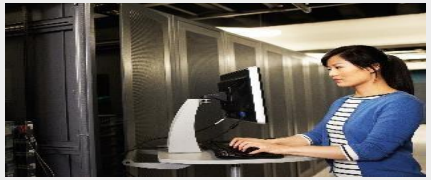
- Azure Star Seller 2.0
- Winning Azure RFP's
- Azure Skills Initiative

In-Person Events

- Azure Certification TTT Boot Camp
- Cloud University workshops for Sales & Pre-sales
- Partner Practice Enablement Boot camps & HOLs
- Azure Architect Workshops

Readiness Reports

- Capability Goals v/s Actuals
- Training and Certification Reports
- Reports as per Microsoft Fiscal
- Reports As per Partner Fiscal
- Comparative Partner Capability Insights



Partner Communication Channels

- EP Helpdesk
- Monthly Bulletin
- MAPA – Architects Engagement Platform

FY17 Partner Azure Readiness Program - Themes & Roadmap

Field Readiness

Partner Sellers

(Remote delivery – Webinars)

- ***Azure Star Seller*** Partner Program
- **One Microsoft Resource**
- Azure Sales resources & Assessments (Requires MPN Partner id)

Partner Presales

(Remote delivery – Webinars)

- ***Winning Azure RFPs /*** How to create winning Azure proposals on priority cloud scenarios

Technical Readiness

Enterprise Architects

(In-person delivery)

- **GSI Architect Workshop** 4 day Intensive in-person deep dive architect workshop
- **Distinguished Engineer Executive Briefing** (Invite only event; CTO level conversations)

Delivery Architects

(Remote delivery – Webinars)

- **Azure Architect Exam Prep series**

IT Pro & Developers

(In-person delivery)

- **PPE bootcamp across 3 streams (Hands on labs)**
- **Certification Exam prep series (Webinar & In-person)**

Foundational Learning for all partner roles

(**Azure Learning Map** - A Comprehensive Learning Map with step by step guidance of various Microsoft resources on Azure, Updated every quarter)

Please send your Feedback to the Enterprise Partners Enablement Team in the below email address:

Enablement Support: epenable@microsoft.com

Thank You