

Windows Azure Developer Guidance Map

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<http://blogs.msdn.com/jmeier>

<http://GettingResults.com>

Sources of Windows Azure Developer Guidance

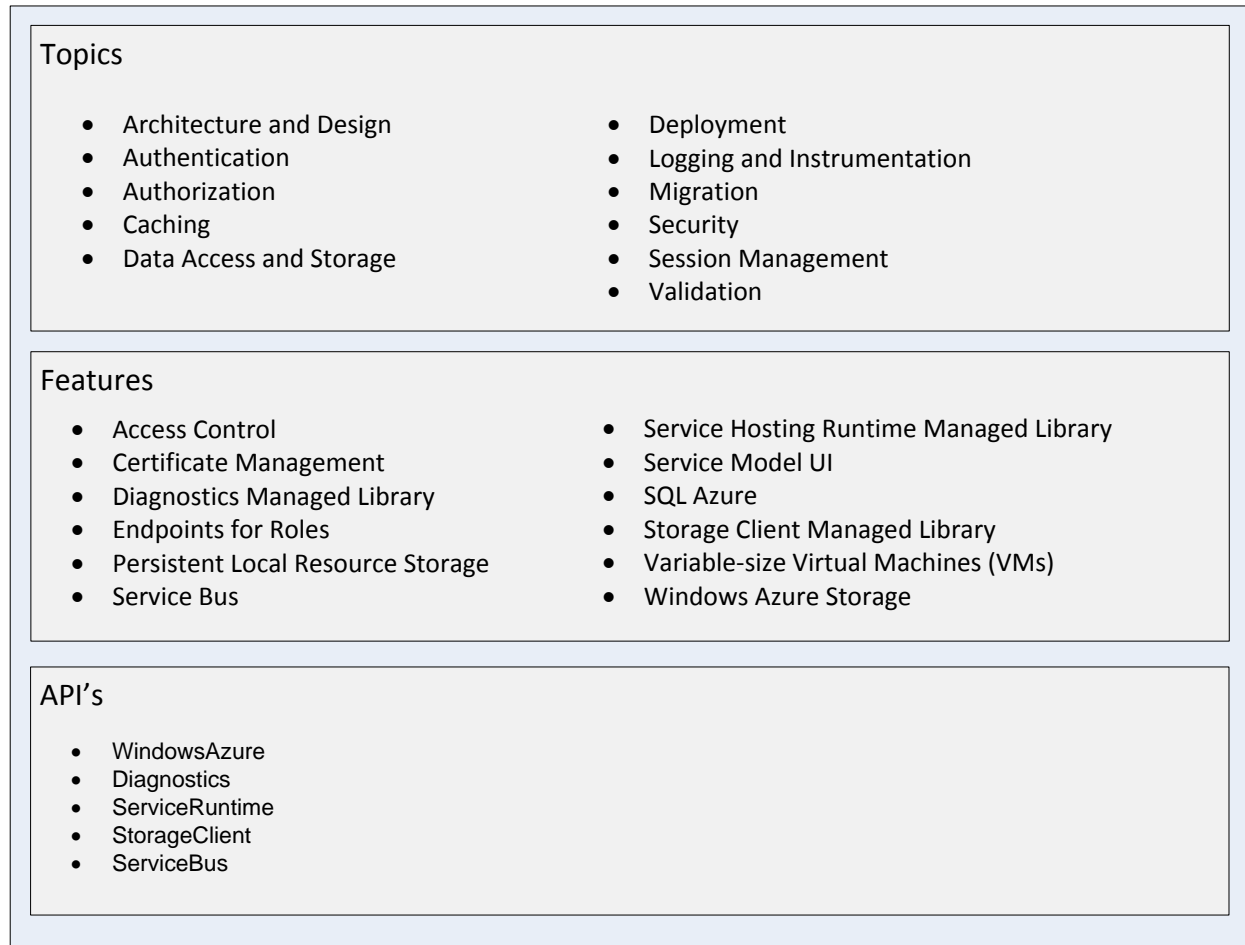
You can think of this as a “topology map” of some of the main sources of Windows Azure developer guidance from Microsoft. Simply by knowing what types of resources are available (code, forums, documentation, training, etc.), and by knowing where to look, you improve your success at finding the resources you need to get your job done, whether that’s figuring out how to code for a particular scenario, ramping up on the technology, or finding the latest news. Here is a summary of the various channels and some of what they have to offer:

Category	Items
<i>Home</i>	<ul style="list-style-type: none"> Windows Azure - http://www.microsoft.com/windowsazure/windowsazure/
<i>MSDN Hub</i>	<ul style="list-style-type: none"> MSDN Cloud Hub - http://msdn.microsoft.com/en-us/ff380142.aspx
<i>MSDN Dev Center</i>	<ul style="list-style-type: none"> Windows Azure Dev Center - http://msdn.microsoft.com/en-us/windowsazure/default.aspx
<i>MSDN Library</i>	<ul style="list-style-type: none"> Windows Azure Platform - http://msdn.microsoft.com/en-us/library/dd163896.aspx Windows Azure API Reference - http://msdn.microsoft.com/en-us/library/ff800682.aspx
<i>Channel 9</i>	<ul style="list-style-type: none"> Windows Azure Platform Training Course - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse.aspx <p>Tags</p> <ul style="list-style-type: none"> AppFabric - http://channel9.msdn.com/Tags/AppFabric Azure - http://channel9.msdn.com/Tags/Azure AzurePlatform - http://channel9.msdn.com/Tags/azure+platform Cloud - http://channel9.msdn.com/Tags/Cloud SQL + Azure - http://channel9.msdn.com/Tags/sql+azure Windows+Azure - http://channel9.msdn.com/Tags/windows+azure
<i>Code Samples</i>	<p>All-in-One Code Framework</p> <ul style="list-style-type: none"> Windows Azure Code Samples - http://1code.codeplex.com/wikipage?title=All-In-One%20Code%20Framework%20Sample%20Catalog&referringTitle=Home <p>Code Gallery</p> <ul style="list-style-type: none"> Windows Azure Code Samples - http://code.msdn.microsoft.com/windowsazuresamples
<i>Forums</i>	<ul style="list-style-type: none"> Windows Azure App Platform - http://social.msdn.microsoft.com/Forums/en-US/category/windowsazureplatform Windows Azure Marketplace - http://social.msdn.microsoft.com/Forums/en-US/category/azuremarketplace

<i>Training</i>	<p>Channel 9</p> <ul style="list-style-type: none"> Windows Azure Platform Training Course - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse.aspx <p>MSDN Ramp Up</p> <ul style="list-style-type: none"> Designing Applications and Databases for Windows Azure and SQL Azure - http://msdn.microsoft.com/en-us/rampup/ee832799.aspx
<i>Videos</i>	<ul style="list-style-type: none"> “How Do I?” Videos for Windows Azure Platform - http://msdn.microsoft.com/en-us/windowsazure/ff798080.aspx
<i>Support</i>	<ul style="list-style-type: none"> Windows Azure Solution Center - http://support.microsoft.com/ph/14920
<i>MSDN Magazine</i>	<ul style="list-style-type: none"> Windows Azure - http://msdn.microsoft.com/en-us/magazine/ee532094.aspx?sdmr=winazure&sdmi=topics
<i>Blogs</i>	<ul style="list-style-type: none"> David Aiken - http://www.davidaiken.com/ Jim Nakashima - http://blogs.msdn.com/b/jnak/ Steve Marx - http://blog.smarx.com/ Windows Azure Storage Team - http://blogs.msdn.com/b/windowsazurestorage

Topics and Features Map (a “Lens” for Finding Windows Azure Content)

One of the simplest ways to find content for a product or technology is to actually know what the most common topics or categories are, the main features, and the APIs or families of APIs. When you know the label for a topic, feature or API, it makes it easier to search or browse for the information. Here is a map of common topics, features, and APIs for Windows Azure:



Keep in mind the platform evolves, topics change, etc. One of the easiest ways to check the latest APIs is to browse the MSDN Library.

How The Map is Organized (Organizing the “Content Collections”)

The content collections for Windows Azure are organized in this map by chunking it up into Getting Started, Architecture and Design, and Content Types (Code Samples, How Tos, Videos, and Training.) The following table summarizes the organization:

Category	Description
<i>Getting Started</i>	This section provides some of the main starting points for ramping up on Windows Azure and building your first application.
<i>Architecture and Design</i>	This section provides some of the main starting points for learning about how to design effective Windows Azure applications.
<i>Content Types</i>	<p>The developer guidance content is organized by the following content types:</p> <ul style="list-style-type: none">• Code Samples• How Tos• Videos• Training <p>The content within each content type is then organized using common topics, common tasks, or features for a simple browsing experience.</p>

Getting Started

This section provides some great starting points for getting an overview of Windows Azure and getting started with building Windows Azure applications:

Category	Items
<i>Getting Started</i>	<ul style="list-style-type: none"> Windows Azure Development: Getting started - http://msdn.microsoft.com/windowsazure/ff796218.aspx SQL Azure Development: Getting Started - http://msdn.microsoft.com/windowsazure/sqlazure/ Windows Azure platform AppFabric: Getting started - http://msdn.microsoft.com/windowsazure/netservices.aspx <p>Videos</p> <ul style="list-style-type: none"> What is Cloud Development (Video) - http://msdn.microsoft.com/ff728565.aspx Windows Azure Platform - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=640&h=480&vid=WinAzPlatform_720x480_FINAL_101609.wmv What is Windows Azure - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=640&h=480&vid=WhatIsWindowsAzure_640x480.wmv What is SQL Azure - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=720&h=480&vid=SQLAzure_720x480_FINAL_101609.wmv What are the Access Control and Service Bus - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=720&h=480&vid=NetServices_720x480_FINAL_101609.wmv
<i>Build Your First Applications</i>	<ul style="list-style-type: none"> Create Your First Windows Azure Local Application - http://msdn.microsoft.com/en-us/windowsazure/ff798115.aspx Deploy and Run Your Windows Application - http://msdn.microsoft.com/en-us/windowsazure/ff798117.aspx
<i>How Do I Videos</i>	<ul style="list-style-type: none"> How Do I Videos - http://msdn.microsoft.com/en-us/windowsazure/ff798080.aspx
<i>Product Documentation</i>	<ul style="list-style-type: none"> Windows Azure Platform - http://msdn.microsoft.com/en-us/library/dd163896.aspx Quick Guide to the Windows Azure Platform - http://msdn.microsoft.com/en-us/library/ff960704.aspx
<i>Tutorials</i>	<ul style="list-style-type: none"> Windows Azure Platform Training Course - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse.aspx <p>MSDN Ramp Up</p> <ul style="list-style-type: none"> Developing Applications and Databases for Windows Azure and SQL Azure -

	http://msdn.microsoft.com/en-us/rampup/ee832799.aspx
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Architecture and Design

This section provides some of the main starting points for learning about how to design effective Windows Azure applications:

Category	Items
<i>Product Documentation</i>	<ul style="list-style-type: none">• Overview of Windows Azure Service Architecture - http://msdn.microsoft.com/en-us/library/dd179341.aspx
<i>patterns & practices</i>	<ul style="list-style-type: none">• Developing Applications for the Cloud ("Greenfield Scenario") - http://msdn.microsoft.com/en-us/library/ff966499.aspx• Moving Applications to the Cloud ("Brownfield Scenario") - http://msdn.microsoft.com/en-us/library/ff728592.aspx
<i>Security</i>	<ul style="list-style-type: none">• Security Resources for Windows Azure - http://msdn.microsoft.com/en-us/library/ff934690.aspx

Code Samples

Categories

- Sample Apps
- Architecture and Design
- Claims / Identity
- Configuration
- Data Access and Storage
- Deployment
- Logging and Instrumentation
- Migration
- Service Bus
- Service Management API
- SQL Azure
- WCF
- Windows Azure Storage

Windows Azure Code Samples Map

Category	Items
Sample Apps	<ul style="list-style-type: none"> • Bid Now from http://code.msdn.microsoft.com/BidNowSample • Windows Azure Management Tool (MMC) - http://code.msdn.microsoft.com/windowsazuremmc <p>Windows Azure Training Kit</p> <ul style="list-style-type: none"> • ASP.NET MVC Applications with Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_buildingaspnetmvcapplicationswithwindowsazurevs2010.aspx • ASP.NET Web Form Applications with Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_buildingasp.netwebformapplicationswithwindowsazurevs2010.aspx • GuestBook - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_introtowindowsazurelabvs2010.aspx • myTODO - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_deployingapplicationsinwindowsazurevs2010.aspx
Architecture and Design	<p>Code Gallery</p> <ul style="list-style-type: none"> • Windows Azure Dynamic Scaling Sample - http://code.msdn.microsoft.com/azurescale <p>DPE</p> <ul style="list-style-type: none"> • Project Riviera - http://code.msdn.microsoft.com/riviera <p>patterns & practices</p> <ul style="list-style-type: none"> • Windows Azure Guidance – Part 1 - http://msdn.microsoft.com/en-us/library/ff728592.aspx • Windows Azure Guidance – Part 2 -

	http://wag.codeplex.com/releases/view/48599
AppFabric	<p>Windows Azure Training Kit</p> <ul style="list-style-type: none"> • AppFabric Access Control (AC) - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_introtoacslab2010.aspx • AppFabric Service Bus - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_introductiontotheappfabricservicebus2010part1.aspx
Claims / Identity	<p>patterns & practices</p> <ul style="list-style-type: none"> • Windows Azure Guidance – Part 2 - http://wag.codeplex.com/releases/view/48599 <p>Windows Azure Training Kit</p> <ul style="list-style-type: none"> • Claims-based identity and Web Services - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_webservicesandidentityinthecloud2010.aspx • Federated Authentication - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_wifonwazlab2010.aspx
Configuration	<ul style="list-style-type: none"> • Pkcs12 Protected Configuration Provider - http://code.msdn.microsoft.com/pkcs12protectedconfg
Data Access and Storage	<ul style="list-style-type: none"> • Silverlight Samples for OData Over SQL Azure with AppFabric Access Control - http://code.msdn.microsoft.com/SL3ODataSQLAzureACS <p>MSDN Magazine</p> <ul style="list-style-type: none"> • Access Your Data On Premise Or In The Cloud With ADO.NET Data Services - http://msdn.microsoft.com/en-us/magazine/dd727502.aspx <p>Windows Azure Training Kit</p> <ul style="list-style-type: none"> • Exploring Windows Azure Storage - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_exploringwindowsazurestoragevs2010.aspx
Deployment	<p>patterns & practices</p> <ul style="list-style-type: none"> • Windows Azure Guidance – Part 1 - http://msdn.microsoft.com/en-us/library/ff728592.aspx
General	<p>Windows Azure Training Kit</p> <ul style="list-style-type: none"> • Asynchronous Workload Handling in Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_asyncworkloadhandlingvs2010.aspx • Windows Azure and PHP - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazureandphp.aspx • Windows Azure Native Code - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazurenativecode.aspx • Worker Role Communication - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazurerolecommunicationlab.aspx

Logging and Instrumentation	<ul style="list-style-type: none"> Take Control of Logging and Tracing in Windows Azure - http://msdn.microsoft.com/en-us/magazine/ff714589.aspx
Migration	<p>patterns & practices</p> <ul style="list-style-type: none"> Windows Azure Guidance – Part 1 - http://msdn.microsoft.com/en-us/library/ff728592.aspx
Service Bus	<p>All-in-One Code Framework</p> <ul style="list-style-type: none"> Access data on premise from Cloud via Service Bus and WCF Data Service (C#) - http://1code.codeplex.com/SourceControl/changeset/view/45838#936095 Access data on premise from Cloud via Service Bus and WCF Data Service (VB.NET) - http://1code.codeplex.com/SourceControl/changeset/view/45838#936118 Expose WCF Workflow Service using Service Bus (C#) - http://1code.codeplex.com/SourceControl/changeset/view/55574#843959 Expose WCF Workflow Service using Service Bus (VB.NET) - http://1code.codeplex.com/SourceControl/changeset/view/55574#844001 <p>MSDN Magazine</p> <ul style="list-style-type: none"> Service Bus Buffers - http://msdn.microsoft.com/en-us/magazine/ee336313.aspx <p>Windows Azure Training Kit</p> <ul style="list-style-type: none"> Eventing Pattern with Service Bus - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_serviceeventingonservicebusvs2010.aspx Service Remoting Pattern with Service Bus - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_serviceremotingsblabvs2010.aspx
Service Management API	<ul style="list-style-type: none"> Windows Azure Service Management CmdLets from http://code.msdn.microsoft.com/azurecmdlets
SQL Azure	<p>Code Gallery</p> <ul style="list-style-type: none"> Silverlight Samples for OData Over SQL Azure with AppFabric Access Control - http://code.msdn.microsoft.com/SL3ODataSQLAzureACS <p>Microsoft Support</p> <ul style="list-style-type: none"> Horizontal Partitioning in SQL Azure - http://cid-4722d155fb172dbb.skydrive.live.com/self.aspx/Public/Azure/SQLAzureHorizontalScale.zip
WCF	<p>Code Gallery</p> <ul style="list-style-type: none"> WCF Azure Samples - http://code.msdn.microsoft.com/wcfazure/Wiki/View.aspx?title=KnownIssues <p>All-in-One Code Framework</p> <ul style="list-style-type: none"> Expose on-premises WCF service to an internet Silverlight client (C#) - http://1code.codeplex.com/SourceControl/changeset/view/55574#959651 Expose on-premises WCF service to an internet Silverlight client (VB.NET) -

	<p>http://1code.codeplex.com/SourceControl/changeset/view/55574#959653</p> <ul style="list-style-type: none"> • Host WCF in a Worker Role (C#) – http://1code.codeplex.com/SourceControl/changeset/view/45838#843708 • Host WCF in a Worker Role (VB.NET) - http://1code.codeplex.com/SourceControl/changeset/view/45838#843816 • Run WCF Workflow Service on Windows Azure (C#) - http://1code.codeplex.com/SourceControl/changeset/view/55574#844039 • Run WCF Workflow Service on Windows Azure (VB.NET) - http://1code.codeplex.com/SourceControl/changeset/view/55574#843944
<p>Windows Azure Storage</p>	<p>Code Gallery</p> <ul style="list-style-type: none"> • Microsoft Sync Framework - http://code.msdn.microsoft.com/sync/Release/ProjectReleases.aspx?ReleaseId=3638 <p>All-in-One Code Framework</p> <ul style="list-style-type: none"> • Azure Table Stroage Paging (C#) - http://1code.codeplex.com/SourceControl/changeset/view/55574#1009429 • Azure Table Stroage Paging (VB.NET) - http://1code.codeplex.com/SourceControl/changeset/view/55574#1009462 • Call raw List Blob REST API in C# - http://1code.codeplex.com/SourceControl/changeset/view/55574#960708 • Call raw List Blob REST API in VB.NET - http://1code.codeplex.com/SourceControl/changeset/view/55574#960710 • Expose data in Windows Azure Table Storage via WCF Data Services (C#) - http://1code.codeplex.com/SourceControl/changeset/view/55574#936008 • Expose data in Windows Azure Table Storage via WCF Data Services (VB.NET) - http://1code.codeplex.com/SourceControl/changeset/view/55574#936037

How Tos

Categories

- *Access Control*
- *Security*
- *Service Bus*
- *SQL Azure*

How Tos Map

Category	Items
Access Control	<ul style="list-style-type: none">• How to: Create a New Windows Azure AppFabric Project - http://msdn.microsoft.com/en-us/library/ee706698.aspx• How to: Add a Service Namespace to a Windows Azure AppFabric Project - http://msdn.microsoft.com/en-us/library/ee725233.aspx• How to: Delete a Service Namespace - http://msdn.microsoft.com/en-us/library/ee706754.aspx
Security	<ul style="list-style-type: none">• How To: Encrypt Configuration Sections in ASP.NET applications hosted on Windows Azure - http://code.msdn.microsoft.com/Project/Download/FileDownload.aspx?ProjectName=pkcs12protectedconfig&DownloadId=13577
Service Bus	<ul style="list-style-type: none">• How to: Design a WCF Service Contract - http://msdn.microsoft.com/en-us/library/ee706692.aspx• How to: Expose a REST-based Web Service Through the AppFabric Service Bus - http://msdn.microsoft.com/en-us/library/ee706724.aspx• How to: Configure a Service Programmatically - http://msdn.microsoft.com/en-us/library/ee706770.aspx• How to: Configure a Service Using a Configuration File - http://msdn.microsoft.com/en-us/library/ee725247.aspx• How to: Configure a Service Bus Client Using Code - http://msdn.microsoft.com/en-us/library/ee706710.aspx• How to: Configure a Service Bus Client Using a Configuration File - http://msdn.microsoft.com/en-us/library/ee725244.aspx• How to: Configure a Windows Azure-Hosted Service or Client Application - http://msdn.microsoft.com/en-us/library/ee725240.aspx• How to: Change the Connection Mode - http://msdn.microsoft.com/en-us/library/ee173548.aspx• How to: Set Security and Authentication on an AppFabric Service Bus Application - http://msdn.microsoft.com/en-us/library/ee706694.aspx• How to: Modify the AppFabric Service Bus Connectivity Settings - http://msdn.microsoft.com/en-us/library/ee706755.aspx• How to: Host a WCF Service that Uses the AppFabric Service Bus Service -

	<p>http://msdn.microsoft.com/en-us/library/ee706700.aspx</p> <ul style="list-style-type: none"> • How to: Host a Service on Windows Azure that Accesses the AppFabric Service Bus - http://msdn.microsoft.com/en-us/library/ee706744.aspx • How to: Create a REST-based Service that Accesses the AppFabric Service Bus - http://msdn.microsoft.com/en-us/library/ee706772.aspx • How to: Use a Third Party Hosting Service with the AppFabric Service Bus - http://msdn.microsoft.com/en-us/library/ee706765.aspx • How to: Create a WCF SOAP Client Application - http://msdn.microsoft.com/en-us/library/ee706722.aspx • How to: Publish a Service to the AppFabric Service Bus Registry - http://msdn.microsoft.com/en-us/library/ee706763.aspx • How to: Discover and Expose an AppFabric Service Bus Application - http://msdn.microsoft.com/en-us/library/ee706696.aspx • How to: Expose a Metadata Endpoint - http://msdn.microsoft.com/en-us/library/ee706721.aspx • How to: Configure an AppFabric Service Bus Message Buffer - http://msdn.microsoft.com/en-us/library/ee706725.aspx • How to: Create and Connect to an AppFabric Service Bus Message Buffer - http://msdn.microsoft.com/en-us/library/ee706769.aspx • How to: Send Messages to an AppFabric Service Bus Message Buffer - http://msdn.microsoft.com/en-us/library/ee706695.aspx • How to: Retrieve a Message from an AppFabric Service Bus Message Buffer - http://msdn.microsoft.com/en-us/library/ee706766.aspx • How To: Redistribute an Application that uses the AppFabric Service Bus - http://msdn.microsoft.com/en-us/library/ff718599.aspx
<p>SQL Azure</p>	<ul style="list-style-type: none"> • How to: Configure the SQL Azure Firewall - http://msdn.microsoft.com/en-us/library/ee621783.aspx • How to: Migrate a Database by Using the Generate Scripts Wizard - http://msdn.microsoft.com/en-us/library/ee621790.aspx • How to: Back Up Your Database - http://msdn.microsoft.com/en-us/library/ff951631.aspx • How to: Copy Your Database to a Different Server - http://msdn.microsoft.com/en-us/library/ff951629.aspx • How to: Connect to SQL Azure Using sqlcmd - http://msdn.microsoft.com/en-us/library/ee336280.aspx • How to: Connect to SQL Azure Using ADO.NET - http://msdn.microsoft.com/en-us/library/ee336243.aspx • How to: Connect to SQL Azure Through ASP.NET - http://msdn.microsoft.com/en-us/library/ee621781.aspx • How to: Connect to SQL Azure Through WCF (ADO.NET) Data Services - http://msdn.microsoft.com/en-us/library/ee621789.aspx • How to: Connect to SQL Azure Using PHP - http://msdn.microsoft.com/en-us/library/ff394110.aspx • How to: Connect to SQL Azure Using the ADO.NET Entity Framework - http://msdn.microsoft.com/en-us/library/ff951633.aspx

Videos

Categories

- *Getting Started*
- *Administration*
- *Authentication / Authorization*
- *Billing*
- *Data Access and Storage*
- *Deployment*
- *Health / Monitoring*
- *Migration*
- *Roles*
- *Service Bus*
- *Troubleshooting*
- *Windows Azure Storage*

Videos Map

Category	Items
Getting Started	<ul style="list-style-type: none">• What is Cloud Development - http://msdn.microsoft.com/ff728565.aspx• How Do I: What is Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee959226.aspx• Windows Azure Platform - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=640&h=480&vid=WinAzPlatform_720x480_FINAL_101609.wmv• What is Windows Azure - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=640&h=480&vid=WhatIsWindowsAzure_640x480.wmv• What is SQL Azure - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=720&h=480&vid=SQLAzure_720x480_FINAL_101609.wmv• What are the Access Control and Service Bus - http://www.microsoft.com/windowsazure/videoPlayer/videoPlayer.aspx?w=720&h=480&vid=NetServices_720x480_FINAL_101609.wmv
Administration	<ul style="list-style-type: none">• Cloud Cover Episode 15 - Certificates and SSL - http://channel9.msdn.com/shows/Cloud+Cover/Cloud-Cover-Episode-15-Certificates-and-SSL/• Understanding the ServiceConfiguration File - http://msdn.microsoft.com/en-us/windowsazure/ff700223.aspx
Authentication / Authorization	<ul style="list-style-type: none">• Cloud Cover Episode 22: Identity in Windows Azure - http://preview.channel9.msdn.com/Shows/Cloud+Cover/Cloud-Cover-

	<p>Episode-22-Identity-in-Windows-Azure</p> <ul style="list-style-type: none"> • Identity, Active Directory Tools Will Move to AD FS 2, Azure - http://channel9.msdn.com/posts/bruceky/Identity-Active-Directory-Tools-Will-Move-to-AD-FS-2-Azure/
Billing	<ul style="list-style-type: none"> • How Do I: Calculate the cost of Azure application usage? - http://msdn.microsoft.com/en-us/windowsazure/ff629366.aspx • How Do I: Calculate the cost of Azure database usage? - http://msdn.microsoft.com/en-us/windowsazure/ff628981.aspx
CDN	<ul style="list-style-type: none"> • How Do I: Introducing the Windows Azure Content Delivery Network? - http://msdn.microsoft.com/en-us/windowsazure/ff695459.aspx
Data Access and Storage	<ul style="list-style-type: none"> • Pervasive Data Integrator Universal CONNECT! offers OData integration - http://channel9.msdn.com/posts/SanjayJain/Pervasive-Data-Integrator-Universal-CONNECT-offers-OData-integration/ • How Do I: Integrate An Existing Application With SQL Azure? Part - 1 - http://msdn.microsoft.com/en-us/windowsazure/ee945360.aspx • How Do I: Integrate an Existing Application with SQL Azure? – Part 2 - http://msdn.microsoft.com/en-us/windowsazure/ee960244.aspx • How Do I: Introducing the Microsoft Sync Framework Powerpack for SQL Azure? - http://msdn.microsoft.com/en-us/windowsazure/ff634768.aspx • How Do I: Manage SQL Azure Firewall rules? - http://msdn.microsoft.com/en-us/windowsazure/ee957683.aspx
Deployment	<ul style="list-style-type: none"> • Deploying Windows Azure Applications - http://msdn.microsoft.com/en-us/windowsazure/ff700226.aspx • How Do I: Deploy my first Azure application: Step-by-Step? - http://msdn.microsoft.com/en-us/windowsazure/ee957681.aspx
Health / Monitoring	<ul style="list-style-type: none"> • Azure Monitoring and Diagnostics - http://msdn.microsoft.com/en-us/windowsazure/ff700237.aspx • Cloud Cover Episode 14 - Diagnostics - http://channel9.msdn.com/shows/Cloud+Cover/Cloud-Cover-Episode-14-Diagnostics/ • How Do I: Monitor Azure applications by persisting diagnostics data to Azure Storage? - http://msdn.microsoft.com/en-us/windowsazure/ff695461.aspx • How Do I: Monitor and Trace Applications in Windows Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee909522.aspx • How Do I: Use the RoleManager Class to Log SessionIDs in SQL Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee957679.aspx
Migration	<ul style="list-style-type: none"> • Introducing AppFabric: Moving .NET to the Cloud by Aaron Skonnard - http://preview.channel9.msdn.com/Blogs/matthijs/Introducing-AppFabric-Moving-NET-to-the-Cloud-by-Aaron-Skonnard • How Do I: Migrate my Existing ASP.NET Application to Windows Azure? -

	http://msdn.microsoft.com/en-us/windowsazure/ff356857.aspx
Roles	<ul style="list-style-type: none"> • Cloud Cover Episode 12 - Hosting WCF and Inter-Role Communication - http://channel9.msdn.com/shows/Cloud+Cover/Cloud-Cover-Episode-12-Hosting-WCF-and-Inter-role-Communication/ • How Do I: Using roles in Windows Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee909521.aspx • Scaling Down Azure Roles - http://msdn.microsoft.com/en-us/windowsazure/ff700243.aspx
Service Bus	<ul style="list-style-type: none"> • Cloud Cover Episode 23: AppFabric Service Bus - http://preview.channel9.msdn.com/Shows/Cloud+Cover/Cloud-Cover-Episode-23-AppFabric-Service-Bus • How Do I: Create And Use an Azure Service Bus Message Buffer? - http://msdn.microsoft.com/en-us/windowsazure/ee943810.aspx • How Do I: Get Started With the Azure Service Bus? - http://msdn.microsoft.com/en-us/windowsazure/ff181517.aspx
Troubleshooting	<ul style="list-style-type: none"> • How Do I: Debug a Windows Azure Application? - http://msdn.microsoft.com/en-us/windowsazure/ff635855.aspx
Windows Azure Storage	<ul style="list-style-type: none"> • Cloud Cover Episode 19: Silverlight and Blob Storage - http://channel9.msdn.com/shows/Cloud+Cover/Cloud-Cover-Episode-19-Silverlight-and-Blob-Storage/ • Cloud Cover Episode 17: Using Queues - http://channel9.msdn.com/shows/Cloud+Cover/Cloud-Cover-Episode-17-Using-Queues/ • Cloud Cover Episode 11: Drives and IIS Hostable Worker Core - http://channel9.msdn.com/shows/Cloud+Cover/Cloud-Cover-Episode-11-Drives-and-IIS-Hostable-Worker-Core/ • Cloud Cover Episode 10: Table Storage API - http://preview.channel9.msdn.com/Shows/Cloud+Cover/Cloud-Cover-Episode-10-Table-Storage-API • Cloud Cover Episode 9: Blob API - http://preview.channel9.msdn.com/Shows/Cloud+Cover/Cloud-Cover-Episode-9-Blob-API • Cloud Cover Episode 8: Shared Access Signatures - http://preview.channel9.msdn.com/Shows/Cloud+Cover/Cloud-Cover-Episode-8-Shared-Access-Signatures • How Do I: Use Windows Azure Storage with my Application? - http://msdn.microsoft.com/en-us/windowsazure/ee923691.aspx

Training

This training map helps expose the variety of training content available for Windows Azure developers. You can find the breadth of offerings available here, and the sources of the training materials. Content may be in the form of tutorials, lessons, exercises and related training content types.

The training resources are organized by the following sources:

- Channel9 Windows Azure Course - <http://msdn.microsoft.com/en-us/wazplatformtrainingcourse.aspx>
- "How Do I?" Videos for Windows Azure Platform - <http://msdn.microsoft.com/en-us/windowsazure/ff798080.aspx>
- MSDN Cloud Development Hub - <http://msdn.microsoft.com/en-us/ff380142.aspx>
- MSDN Ramp Up - <http://msdn.microsoft.com/en-us/rampup/ee832799.aspx>

Training Resources Map

Category	Items
Windows Azure Platform Training Kit	<ul style="list-style-type: none">• Windows Azure Platform Training kit - http://www.microsoft.com/downloads/details.aspx?FamilyID=413E88F8-5966-4A83-B309-53B7B77EDF78&displaylang=en
Channel9	<p>Hands On Labs</p> <ul style="list-style-type: none">• Introduction to Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_introtowindowsazurelabvs2010.aspx• Asynchronous Workload Handling in Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_asyncworkloadhandlingvs2010.aspx• Building ASP.NET MVC Applications with Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_buildingaspnetmvcapplicationswithwindowsazurevs2010.aspx• Building ASP.NET Web Form Applications with Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_buildingasp.netwebformapplicationswithwindowsazurevs2010.aspx• Debugging Applications in Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazuredebugginglab.aspx• Deploying Application in Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_deployingapplicationsinwindowsazurevs2010.aspx• Exploring Windows Azure Storage - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_exploringwindowsazurestoragevs2010.aspx• Federated Authentication in Windows Azure Web Role Application -

	<p>http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_wifonwazlab2010.aspx</p> <ul style="list-style-type: none"> • Web Services and Identity in Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_webservicesandidentityinthecloud2010.aspx • Worker Role Communication - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazurerolecommunicationlab.aspx • Windows Azure and PHP - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazureandphp.aspx • Windows Azure Native Code - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazurenativecode.aspx <p>Videos</p> <ul style="list-style-type: none"> • What is Windows Azure? - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_whatiswindowsazurevideo.aspx • Windows Azure Storage Overview - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazurestorageoverview.aspx • Deploying Applications on Windows Azure - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_deployingapplicationsonwindowsazure.aspx • Windows Azure Compute - http://msdn.microsoft.com/en-us/wazplatformtrainingcourse_windowsazurecomputevideo.aspx
<p>“How Do I?” Videos for Windows Azure Platform</p>	<ul style="list-style-type: none"> • How Do I: Monitor and Trace Applications in Windows Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee909522.aspx • How Do I: Using roles in Windows Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee909521.aspx • How Do I: Use Windows Azure Storage with my Application? - http://msdn.microsoft.com/en-us/windowsazure/ee923691.aspx • How Do I: Create And Use an Azure Service Bus Message Buffer? - http://msdn.microsoft.com/en-us/windowsazure/ee943810.aspx • How Do I: Integrate An Existing Application With SQL Azure? Part - 1 - http://msdn.microsoft.com/en-us/windowsazure/ee945360.aspx • How Do I: Get Started With the Access Control Services? - http://msdn.microsoft.com/en-us/windowsazure/ee943797.aspx • How Do I: What is Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee959226.aspx • How Do I: Integrate an Existing Application with SQL Azure? – Part 2 - http://msdn.microsoft.com/en-us/windowsazure/ee960244.aspx • How Do I: Get Started With the Azure Service Bus? - http://msdn.microsoft.com/en-us/windowsazure/ff181517.aspx • How Do I: Migrate my Existing ASP.NET Application to Windows Azure? - http://msdn.microsoft.com/en-us/windowsazure/ff356857.aspx • How Do I: Calculate the cost of Azure application usage? - http://msdn.microsoft.com/en-us/windowsazure/ff629366.aspx

	<ul style="list-style-type: none"> • How Do I: Calculate the cost of Azure database usage? - http://msdn.microsoft.com/en-us/windowsazure/ff628981.aspx • How Do I: Debug a Windows Azure Application? - http://msdn.microsoft.com/en-us/windowsazure/ff635855.aspx • How Do I: Introducing the Microsoft Sync Framework Powerpack for SQL Azure? - http://msdn.microsoft.com/en-us/windowsazure/ff634768.aspx • How Do I: Use Windows Azure Queues? - http://msdn.microsoft.com/en-us/windowsazure/ff635854.aspx • Dive Into Azure Part 1: Migration - http://msdn.microsoft.com/en-us/windowsazure/ff635851.aspx • How Do I: How to Use Azure Storage? - http://msdn.microsoft.com/en-us/windowsazure/ee957882.aspx • How Do I: Use the RoleManager Class to Log SessionIDs in SQL Azure? - http://msdn.microsoft.com/en-us/windowsazure/ee957679.aspx • How Do I: Deploy my first Azure application: Step-by-Step? - http://msdn.microsoft.com/en-us/windowsazure/ee957681.aspx • How Do I: Introducing the Windows Azure Content Delivery Network? - http://msdn.microsoft.com/en-us/windowsazure/ff695459.aspx • How Do I: Monitor Azure applications by persisting diagnostics data to Azure Storage? - http://msdn.microsoft.com/en-us/windowsazure/ff695461.aspx • Understanding the ServiceConfiguration File - http://msdn.microsoft.com/en-us/windowsazure/ff700223.aspx • Deploying Windows Azure Applications - http://msdn.microsoft.com/en-us/windowsazure/ff700226.aspx • Azure Monitoring and Diagnostics - http://msdn.microsoft.com/en-us/windowsazure/ff700237.aspx • Scaling Down Azure Roles - http://msdn.microsoft.com/en-us/windowsazure/ff700243.aspx • How Do I: Manage SQL Azure Firewall rules? - http://msdn.microsoft.com/en-us/windowsazure/ee957683.aspx
MSDN Cloud Development Hub	<ul style="list-style-type: none"> • Developing Cloud Applications - http://msdn.microsoft.com/ff728565.aspx • Get started developing applications for the cloud on Windows Azure - http://msdn.microsoft.com/ff728566.aspx • SQL Azure: Use SQL Azure to build a cloud application with data access - http://msdn.microsoft.com/ff728568.aspx • Windows Azure: Build your first cloud application on Windows Azure - http://msdn.microsoft.com/ff728567.aspx • Windows Azure AppFabric: Use Azure platform AppFabric to provide access control for a cloud application - http://msdn.microsoft.com/ff728569.aspx
MSDN Ramp Up	<ul style="list-style-type: none"> • Developing Applications and Databases for Windows Azure and SQL Azure - http://msdn.microsoft.com/en-us/rampup/ee832799.aspx