# 2011



# **USER GUIDE**

**Azure Factory** 

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In this article, you will learn how to set up your Code On Time application with SQL Azure as a backend.

#### Setting up a Windows Azure Account

The first thing you have to do is head over to <u>http://www.microsoft.com/windowsazure/free-trial/</u> and press *Get the free trial!* Sign in with your Windows Live ID, or sign up if you don't have one.



Next, you will need to enter your contact information for *Windows Azure*. Accept the conditions and enter your credit card information. No charges will be made. Finally, accept the *Online Subscription Agreement* and press purchase. You will have to wait up to 15 minutes for your subscription to become enabled.



#### Setting up your Server

Navigate to <u>http://windows.azure.com</u>. You will need to enter service administrator information – this is the person managing the subscription. Confirm, and navigate to the server *Management Portal*. In the bottom left corner, select *Database*.

You will first need to create a server. Select your subscription and press Create under Server.



Select a region for your server, and specify the administrator account.

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Subscriptions	ription Home: Subscription-1		> Properties
> Subscription-1	Create Server		Subscription ID
	Subsection Create a new server		12442ab9-b3f5-4081-b074-d88c2c
	Subscri	he server-level principal of your SOI	Friendly Name
	Accoun Azure server.	ne eerter terer principal or your eige	Subscription-1
	Service		Account Administrator
	Status: Administrator Login.	sysadmin	Dennis.Bykkov@officeliveusers.com
	Password:	•••••	Service Administrator
Server Name	Admii Repeat Password:	•••••	Dennis.Bykkov@officeliveusers.com
a7xke2fa8y	sqlad		Status
Hosted Services, Storage			Ready
	_		Server Quota
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Reporting			Server Count
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	<ul> <li>Subscriptions</li> <li>Subscription-1</li> <li>Subscription-1</li> <li>Home</li> <li>Hosted Services, Storage Accounts &amp; CDN</li> <li>Database</li> <li>Reporting</li> </ul>	Subscription Home: Su Subscr Subscr Accour Service Status: Server Name A Adma a7xkc2fa8y sqlad	Ibscription-1 Create Server Add Firewall Rule Add a new firewall rule. Rule name: IP range start: IP range end: Your current IP address	Myself 76.219.252.6 76.219.252.6 : 76.219.252.6 : OK < Previous Finish	Cancel		<ul> <li>Properties</li> <li>Subscription ID</li> <li>12442a99-b3/5-4081-b074-d88c2;</li> <li>Friendly Name</li> <li>Subscription-1</li> <li>Account Administrator</li> <li>Dennis.Bykkov@officeliveusers.com</li> <li>Service Administrator</li> <li>Dennis.Bykkov@officeliveusers.com</li> <li>Status</li> <li>Ready</li> <li>Server Quota</li> <li>6</li> <li>Server Count</li> </ul>
Take we back to the old nortal 🔰 @ 2010 Microsoft Corporation Privacy Statement Terms of Lise 🔰 Julio and Support 📘 Registrant 💌	Service Bus, Access Control 8. Caching			tal 0.2010 Microsoft C			Help and Support

Next, specify a firewall rule to allow your IP to access the server.

Press *Finish*, and you will have a server listed under your subscription.

## **Creating a Database**

Select your subscription and press Create under Database.

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😂 Windows Azure Platform						Billing	Dennis Bykkov   Sign Out 🔷 😢
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	Account	administrator:	Dennis.Bykkov	@officeliveuse	rs.com		Subscription-1
	Service	administrator:	Dennis.Bykkov	@officeliveuse	rs.com		Account Administrator
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		<b>ب</b>	All regions	-			Service Administrator
A Homo	Server Name 🔺 🛛 Admin	istrator User Region	F	Fully Qualified Server Name			Dennis.Bykkov@officeliveusers.com
Home	a7xke2fa8y sqladm	nin South Ce	entral US a	a7xke2fa8y.database.windows.net			Status
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Subscription-1								Name
> w1cd8ec0zk	Serv	er Information	n					w1cd8ec0zk
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		Enter the nan	ne of the databa	se to create, as well as its	edition and			e3367041-c02d-4cd2-8e4b-680a9f
		maximum siz	e.	se to create, as well as its	s edition and			Administrator Login
		Database nar	me: HR					
	Database Name 🔺	Editi	ion: Web		•			Fully Qualified DNS Name
	master	Maximum di	izo: 1 GB					w1cd8ec0zk.database.windows.net
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								Database Quota
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💐 Virtual Network								
Ready				© 2011 Microsoft C	orporation Priva	cy Statement 1	erms of Use He	lp and Support Feedback

Give your database a name. Leave *Edition* and *Maximum size* unchanged.

Press OK, and the database will be created.

### Manage the Database

For the sake of this tutorial, we will use a database called *HR*, with two tables, *Employees* and *Jobs*. You can use the table generation tool in *Code On Time Generator* to create it. Alternatively, you can create it using the *Database Manager*. This section will explain how to use the *Database Manager* to create the tables.

Select your server from the list, and press *Manage* under *Database*.

Attps://windows.a	zure.c 🎗 👻 🔒 🖻 🖒 🗙 🙆 Man	agement Portal – Wind ×	🧟 Database Manage	er 10.0.0.0		★ ‡
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New Manage Certificates	tte Drop Reset Admin Password	Create Drop	Test Connectivity	Vanage Refresh		
Subscription	Server	Da	itabase Ma	nage the selected database wit	h Database Manager	
🖌 🗀 Subscriptions	Server Home: a7xke2	fa8y				> Properties
Subscription-1						Name
a7xke2fa8y	Server	r Information				a7xke2fa8y
间 master	Region:	Soul	th Central US			Subscription ID
Northwind	Administ	Firewall Rules: 2	idmin			12442ab9-b3f5-4081-b074-d88c2c
						Administrator Login
		All	editions			sqladmin
	Database Name 🔺	Edition	Max Size	Current Size		Fully Qualified DNS Name
	master	Web	1 GB	456 KB		a7xke2fa8y.database.windows.net
Nome	Northwind	Web	1 GB	2.4 MB		Region
Hosted Services, Storage						South Central US
Accounts & CDN						Database Quota
Database						150
Reporting						Database Count
						2
Service Bus, Access Control & Caching						
Virtual Network						
Ready		Take me back to the old p	ortal © 2010	Microsoft Corporation Privacy S	tatement Terms of Use	Help and Support Feedback 😜

This will take you to the *Database Manager*. Enter your password and press *Connect*.

Mana	agement Portal – Window 🥝 Database Manager 10.0.0.0 🛛 🗙	π <del>×</del> ↔
	Database Manager	
	Server w1cd8ec0zk.database.windows.net	
	Database HR	
	Login cotadmin	
	() Connect	
	Terms Of Use   Privacy Statement	

On the ribbon, press *New Table*. Name the table *Jobs*, with the fields *JobID*, *Title*, and *Description*, as shown below.

									<b>X</b>
Https://manage-sn1.sql.azure.com	n/	nagement Portal – Window	<i>e</i> Database Manage	er 10.0.0.0 ×				ŵ	☆戀
Database Table			Connected to:w1cd8	ec0zk.databa	Database:HR	Logged in as:cotadmin	Support ID: FDAB8AF8	Send Feedback	<u>Logout</u>
Save Design Data Detete Column Column General Context Column									
Search	Start Page X	<mark>⊬</mark> dbo.Jobs x							
• Tables (1)	Schema: dbo 🔻	Name: Jobs							
> Views (0)	Column	Select type	Default Value I	s Identity?	Is Required?	In Primary Key?			
Changed Descendances (0)	HID	int 💌		$\checkmark$	~				
Stored Procedures (0)	* Title	nvarchar v 50							
	+ Column	ntext 👻							
	+ Column								

Press *Save* to save the table. Switch back to the *Start Page*, and press *New Table* again. This table will have the name *Employees*, and the fields *EmployeeID*, *LastName*, *FirstName*, *JobID*, *Salary*, *Notes*, *Photo*, and *HireDate* as shown below.

https://manage-sn1.sql.azure.com	/ 🎗 ד 🗟 ד 🍳 י	Management Portal – Win	dow <i> (</i> Database	e Manager 10.0.0.	0 ×			G ☆ G
Database Table			Connected	to:w1cd8ec0zk.d	ataba Database:	HR Logged in as:cotadmir	Support ID:FDAB8AF8	Send Feedback Logout
Save Design Data Column Column								
Search	Start Page X	dbo.Jobs X 🛃	dbo.table1 X					
Tables (2)	Schema: dbo v	Name: table1						
Views (0)	Column	Select type	Default Value	Is Identity?	Is Required?	In Primary Key?		
0	* EmployeeID	int 👻		$\checkmark$	~	$\checkmark$		
Stored Procedures (0)	🔆 LastName	nvarchar = 30						
	✤ FirstName	nvarchar = 50						
	* JobID	int 👻						
	* Salary	money 🔻						
	* Notes	ntext 👻						
	🗰 Photo	image 🔻						
	* HireDate	datetime 🔻						
	+ Column							

Press *Save* to save the table. Currently, *Database Manager* does not have a tool to create foreign key relationships, so a query must be used. Switch back to *Start Page* and press *New Query*. Enter the following code to add the foreign key relationship:

```
alter table Employees
add constraint Employees_Jobs_FK
foreign key(JobID)
references Jobs(JobID)
```



Press *Execute*, and click on *Message* to confirm the success of the query.

< r>          Image: Second State         Image: Second State         Image: Second State         Second State	m/ 🔎 🕆 🗟 C 🗙 🧷 Management Portal – Window 🎉 Database Manager 10.0.0.0 🛛 🗙 💼
Database Ouery	Connected to:w1cd8ec0zk.databa Database:HR Logged in as:cotadmin Support ID:FDAB8AF8 Send Feedback Logout
Save New Open Query Query File Run Editing	
Search	Start Page x dbo.Jobs x dbo.Employees x 🔆 untitled1.sql x
⊙ Tables (2)	alter table Employees add constraint Employees_Jobs_FK foreign kev(JobTD)
<ul> <li>Views (0)</li> </ul>	references Jobs(JobID)
<ol> <li>Stored Procedures (0)</li> </ol>	
	Command(s) completed successfully.

## **Generating the Azure Factory Project**

Launch Code On Time Generator, and create a new project. Select Azure Factory.



Give the project a name. In our example, we called it "HRDemo".

Create Project - Code OnTime	_ <b>D</b>
YouTube   I ONTIME http://w	Blog   Community ww.codeontime.com
Please enter the project name and click the Createbutton.	
New Project	
Vendor: Code OnTime LLC http://www.codeontime.com	
Azure Factory Create an Azure Cloud solution from your SQL Azure database. Includes a Web Role and class library implementing a web site with navigation system, role-b membership manager, built-in data export, reporting, and much more. Have it online in 15 minutes.	ased security,
Review a complete feature list of this project. Try a live demo now.	
Name: HRDemo	
Language: C∉ ▼	
Create	Cancel
© 2011 Code OnTime LLC. All rights reserved.	

Press Next to reach the Database Connection page. Click on the "…" button next to the Connection String to access the Connection String Assistant. You can find your server name by navigating to <a href="http://windows.azure.com">http://windows.azure.com</a> and clicking on Database. Select your subscription, and copy the Fully Qualified Server Name from the list.



Enter the server name under Server, and enter your credentials. Also enter your database name.



Add a User and Role Manager to your application by pressing Add under Membership.

SQL Server Connection - Code OnTime	
	YouTube   Blog   Community http://www.codeontime.com
Please specify SQL Server name and database.	
SQL Server Connection	
Server:	
w1cd8ec0zk.database.windows.net	
Windows authentication	
SQL Server authentication	
User name: cotadmin	
Password:	
Database:	
Northwind	
Sample Tables:	
You can popluate the application database with sample tab	ves.
(select)	
Your application can be configured to implement user and If you own Unlimited edition they you may consider implem	role manager based on Microsoft ASP.NET Membership. enting custom membership and role providers instead.
Status Add Remove	Message from webnage
Session State:	
a dedicated server. If you plan to store applications on more	Click OK to create tables and stored procedures required to support
need to enable support for Session State in application da	ASP.NET Membership and Role Manager in the database.
Status Add Remove	
	OK Cancel Cancel
7/20/2011 2:49:27 PM f text="oct/file/@pame="DataAquatium	n Project vm/3"
7/20/2011 3:48:37 PM test passed	na regionality
7/20/2011 3:48:37 PM end if	ne Lubrary Luata Aquanum Luata Aquanum.Project Xmi output = Data Aquanum.Project Xmi "
//20/2011 3:48:37 PM navigate url="\Data Aquarium\Data/	Aquarium.Start.htm?webServer2=false&splash=AzureFactory"

By default, *Azure Factory* applications will run on two instances of Compute servers, as recommended by Microsoft to ensure fault tolerance. This requires *Session State* management in your database. Install *Session State Manager* by pressing *Add* under *Session State*.

O SQL Server Connection - Code OnTime	
	YouTube   Blog   Community http://www.codeontme.com
Please specify SQL Server name and database.	
SQL Server Connection	
Server:	
w1cd8ec0zk.database.windows.net	
Windows authentication	
SQL Server authentication	
User name: cotadmin	
Password:	
Database:	
Northwind	
Sample Tables:	
You can populate the application database with sample tables.	
Manhanshin	
Your application can be configured to implement user and role manage	ger based on Microsoft ASP.NET Membership.
If you own Unlimited edition then you may consider implementing cus	tom membership and role providers instead.
Status Add Remove	
Session State: It is recommended to every the Azure applications on more than one r	ole instance. Bole instance is equivalent to
a dedicated server. If you plan to store application variables in Sessi	on object of your application than you will
need to enable support for Sesson State in application database.	Message from webpage
Status Add Remove	
	Click OK to create tables and stored procedures required to support
	ASP.NET Session State in application database.
7/20/2011 3:49:37 PM if test="notifile/@name="DataAsuration Deviced a	
7/20/2011 3:48:37 PM test passed	OK Cancel
7/20/2011 3:48:37 PM copy input="[Documents]\Code On Time\Library 7/20/2011 3:48:37 PM end if	
//20/2011 3:48:37 PM navigate url="\Data Aquarium\DataAquarium.S	tart.ntm /webServer2=raise&splasn=AzureFactory

Press *OK* to confirm your connection string options. Press *Next* until you reach the *Reporting* page. Check the checkbox to enable reporting.



Press *Next* until you reach the *Authentication and Membership* page. If you added *User and Role manager* to your application, *ASP.NET Membership* will be automatically configured.



On the next page, enable Permalinks and Interactive History.



Continue pressing *Next* until code generation begins. Once complete, a web page will load with your generated application. The application will be running locally, but is using *SQL Azure* to access the database.

← →  ♦ http://localhost:40570/Pages/Home.aspx P ~  ♦ <  Ø <  Ø <  Ø <  Ø <  Ø <	× 📩 🕆 🛱
History   Permalink	Welcome admin, Today is Wednesday, July 20, 2011   My Account   Logout   Help <sup>^</sup>
🙀 MyCompany	
Home Jobs • Membership	Site Actions *
Home > Home	
Start	
Please select a page link in the table of contents below.	Sign in to access the protected site content.
Site Map	Instructions
Home	Two standard user accounts are automatically created when application is initialized if membership option has been selected for this application.
Employees Membership	The administrative account <b>admin</b> is authorized to access all areas of the web site and membership manager. The standard <b>user</b> account is allowed to access all areas of the web site with the exception of membership manager.
	Move the mouse pointer over the link <i>Login to this web site</i> on the right-hand side at the top of the page and sign in with one of the accounts listed below.
	Administrative account: admin / admin123%
	Standard user account: user / user123%
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## **Publishing to Azure**

Go back to Code On Time Generator. Next to the project name, press Publish.



Once publishing is complete, a folder will appear with the published files.

						x
Code OnTime > Projects >	Azure Factory  HRDemo CloudApp	bin ▶ Release ▶ Publish		👻 🍫 Search Publish		Q
Organize 🔻 Include in library 👻 Shar	re with 🔻 Burn New folder					3
Code OnTime	Name	Date modified	Туре	Size		
Backups	G CloudApp.cspkg	7/20/2011 4:26 PM	Service Package file	19,121 KB		
Projects	ServiceConfiguration.cscfg	7/20/2011 4:25 PM	Cloud Service Con	1 KB		
Azure Factory						
\mu HR						
HRDemo						
🖟 bin	-					
2 items						

Go to <u>http://windows.azure.com</u>, and select *Hosted Services, Storage Accounts & CDN* in the bottom left corner. In the top left corner, press *New Hosted Service*. Enter a name and URL for your service, choose a region, and specify a deployment name.

🔶 🎯 https://windows.azure.com, 🖉 + 🔒 🗟	🖒 🗙 🎯 Management Portal – Wind X		• • <b>•</b> ×
Mindows Azure Platform	English	Billing	Dennis Bykkov   Sign Out 🌰 🙆
New Hosted New Production New Staging Deployment Deployment New	Create a New Hosted Service Choose a subscription Subscription-1	Connect Access	
Deployment Health     Affinity Groups     Name	Enter a name for your service HR	nt	Properties
Management Certificates     Subscr     Hosted Services (0)	Enter a URL prefix for your service HRDemo .cloudapp.net		dennis.bykkov@live.com
Storage Accounts (0)      User Management      La VM Images	Choose a region or affinity group           Image: Anywhere US         Image: Create or choose an affinity group		7/17/2011 8:24:15 PM UTC Name
ST Home	Deployment options           Opploy to stage environment		Subscription-1
Hosted Services, Storage Accounts & CDN	<ul> <li>Deploy to production environment</li> <li>Do not deploy</li> <li>Start after successful deployment</li> </ul>		Cores: 0 / 20 Hosted Services: 0 / 6 Storage: 0 / 5
Reporting	Deployment name           HR		Status Active
Service Bus, Access Control & Caching	Package location Browse Locally Browse Storage		Service administrator dennis.bykkov@live.com
, Virtual Network	· · · · · · · · · · · · · · · · · · ·	4	Subscription ID e3367041-c02d-4cd2-8e4b
Data refresh paused	© 2011 Microsoft Corporation Privacy Statement	Terms of Use	Help and Support Feedback

Select the *CloudApp.cspkg* for *Package Location*, and *ServiceConfiguration.cscfg* for the *Configuration File*. Press *OK* to deploy your application to the cloud. This step will take several minutes.

https://windows.azure.com	🛛 🗙 🎯 Management Portal – Wind 🛪 👘	<b>↑</b> ★ ☆
Mindows Azure Platform	English Billing   De	nnis Bykkov   Sign Out 🌰 🙆
New Hosted New Production New Staging Deployment Deployment New	Create a New Hosted Service 20 HRDemo	
Deployment Health	Anywhere US     Create or choose an affinity group	Properties
Affinity Groups     Name     Management Certificates	Deployment options nt	Account administrator
Hostad Services (0)	Deploy to stage environment     Deploy to production environment	Created
Storage Accounts (0)	○ Do not deploy ✓ Start after successful deployment	7/17/2011 8:24:15 PM UTC
the VM Images	Deployment name	Name
A Home	HR	Subscription-1
Hosted Services, Storage Accounts & CDN	Package location CloudApp.cspkg Browse Locally Browse Storage	Cores: 0 / 20 Hosted Services: 0 / 6 Storage: 0 / S
Database	Configuration file ServiceConfiguration.cscfg Browse Locally Browse Storage	Status Active
Service Bus, Access Control & Caching	Add Certificate OK Cancel	Service administrator dennis.bykkov@live.com Subscription ID
Data refresh paused	© 2011 Microsoft Corporation Privacy Statement Terms of Use Help	e3367041-c02d-4cd2-8e4b and Support Feedback

Once deployment is complete, you can click on the deployment and access the website from the *DNS name* on the right side.

https://windows.azure.co	om, D - 🔒 🗟 C 🗙 🖉 Manag	ement Portal – Wind ×	_		
Windows Azure Platform				English 💽 Billi	ng   Dennis Bykkov   Sign Out 🔷 🔮
New Hosted New Production New Service	Staging Upgrade Configure	Delete Start Stop Swap	Configure OS	Reimage	
New		Deployments	Insta	ances Remote Access	
🗅 Deployment Health	Choose Columns			Filter hosted services	Properties
🖿 Affinity Groups	Name	Туре	Status	Environment	Created
Management Certificates	4 🛄 Subscription-1	Subscription	Active		7/20/2011 11:43:06 PM UT
Hosted Services (1)	4 🧬 HR	Hosted Service	Created		Cores used
Storage Accounts (0)	Certificates				2
🖿 User Management	4 🧊 HR	Deployment	Ready	Staging	
🖿 VM Images 🚽	/ 🗔 WebRole1	Role	Ready	Staging	DNS name
Mome	WebRole1_IN	Instance	Ready	Staging	111111/112031968523404044
	WebRole1_IN	Instance	Ready	Staging	Environment
Hosted Services, Storage					Staging
Accounts & CDN					ID
🚺 Database					fa26319e85234040a4990a1
Reporting					Input endpoints
					WebRole1:157.55.197.229:
Service Bus, Access Control & Caching					Last operation
Uirtual Network	4				Status: Succeeded Last operation: Create depl Time started: 7/20/2011 11
Done. 28s to next refresh.		© 20	)11 Microsoft Corporatio	n Privacy Statement Terms of Use	Help and Support Feedback 😲

As the environment is still staging, the URL displays the ID of the deployment.

🖉 🔗 🖉 http://fa26319e85234040a4990a134abd980e.cloudapp.net/Pages/Home.aspx 🛛 🔎 🖛 🗟 🖒	× 🧭 Management Portal – Window 🧭 Start 🛛 🖈 🌣
History   Permalink	Welcome admin, Today is Wednesday, July 20, 2011   My Account   Logout   Help 🔺
辩 MyCompany	
Home Jobs - Membership	Site Actions *
Home > Home Start	
Please select a page link in the table of contents below.	Sign in to access the protected site content.
Site Map	Instructions
Home	Two standard user accounts are automatically created when application is initialized if membership option has been selected for this application.
Employees Membership	The administrative account <b>admin</b> is authorized to access all areas of the web site and membership manager. The standard <b>user</b> account is allowed to access all areas of the web site with the exception of membership manager.
	Move the mouse pointer over the link <i>Login to this web site</i> on the right-hand side at the top of the page and sign in with one of the accounts listed below.
	Administrative account: admin / admin123%
	Standard user account: user / user123%
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There is one more step to fully deploying your application – you must change the environment to *Production*. This can be done by pressing the *Swap VIP* button on the ribbon.

https://windows.azure.com	ク - 🔒 🗟 C × 🛛 🏉 Ma	nagement Portal – Wind × 🦉 Start			<u> </u>
Mindows Azure Platform			E	inglish 💽 Billing	Dennis Bykkov   Sign Out 🌰 🕐
New Hosted New Production New Stagin Service Deployment Deployment		e Delete Start Stop Swap Configure OS	Reboot Reimage	Configure Connect	
New		Deployments	Instances	Remote Access	
🖿 Deployment Health 💙 🕻	Choose Columns 🚽	Swap VIPs	The bar	ed services	
Affinity Groups	ame	Mays the hits deployed in Staging to Desducti	on and the bits in	Environment	Created
Management Certificates	Subscription-1	Production to Staging slots. After this operati will point to the bits currently deployed in the	on the Production VIP Staging slot and the		7/20/2011 11:43:06 PM UT
Hosted Services (1)	<sup>⊿</sup> d <sup>™</sup> HR	Staging VIP will point to the bits currently de Production slot	ployed in the		Cores used
Storage Accounts (0)	Certificates	More info on VIP swaps		Chaning	
Oser Management	WebPole1	Swap		Staging	DNS name
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Data refresh paused		© 2011 Microsoft	Corporation Privacy St	tatement Terms of Use	Help and Support Feedback 😜

Press *OK* to confirm, and your application will become accessible from the URL specified earlier.

A Martin //brdemo.cloudann.net/Dages/Home.acm	
History   Permaink	Welcome admin Today is Wedneeday, July 20, 2011   My Account   Longut   Help
MyCompany	Hereine duning, foug is Heuneaday, sur 20, 2012 Fry Recourt Fragour Frag
Home Jobs  Membership	Site Actions *
Home > Home Start	
Please select a page link in the table of contents below.	Sign in to access the protected site content.
Site Map	Instructions
Home	Two standard user accounts are automatically created when application is initialized if membership option has been selected for this application.
Employees Membership	The administrative account <b>admin</b> is authorized to access all areas of the web site and membership manager. The standard <b>user</b> account is allowed to access all areas of the web site with the exception of membership manager.
	Move the mouse pointer over the link <i>Login to this web site</i> on the right-hand side at the top of the page and sign in with one of the accounts listed below.
	Administrative account: admin / admin123%
	Standard user account: user / user123%
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## **Changing Instance Count and Virtual Machine Size**

By default, *Azure Factory* applications use two extra small instances. This can be changed using Visual Studio. In Code On Time Generator, next to your project name, press Design.

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1.	HR	Azure Factory	7/20/2011 2:51 PM	open, <u>deve</u>	lop, publish, browse		I am the free version of the app and trying to do just
2.	HR2	Azure Factory	7/20/2011 6:36 PM	open, deve	Open "HR" in Visu:	al Studio to start dev	a little bit of customizing without much success. When release the phone field,
3.	HRDemo	Azure Factory	7/20/2011 5:41 PM	open, deve	will be prompted to	p elevate permission	is to allow he statement has been terminated."
4.	NW1	Web Site Factory	7/20/2011 2:07 PM	open, deve	debugging under /	Azure Compute Emu	ulator. wrong? BTW, the mask "9999999999"
	Create new web Download User G Request help with Buy a product ed Buy our consultin	application. uide and Cookbook h your project. lition now. g services online.					Azure Factory Tutorial Thursday, July 21, 2011 12:27 AM   Customer Service Learn how to create an Azure account, make a new database with SQL Azure, generate an Azure Factory application, and deploy this application to the cloud. Wath at http://www.youtube.com/watch? v=GYFJ8r Read at http://codeontime.com/Documents/UG-Az Global Record Updates Wednesday, July 20, 2011 10:38 PM   Simon Bunce Hi I have a field which refers to "Last Updated"
© 20	111 Code OnTime	LLC. All rights rese	erved.			_	

*Visual Studio* needs to run in administrative mode to use the cloud emulator, and this will set off the *User Account Control* screen. Confirm that you want *devenv.exe* to run. Once *Visual Studio* opens, navigate to *CloudApp* | *Roles* | *WebRole1*.

😎 MyCompany - Microsoft Visual Studio (Administrator)	
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Tooltor	Solution Explorer
i Error List ■ Output Ready	🖏 Soluti 👼 Team 💐 Serve 🔯 Class

Double click on *WebRole1*, and the *Configuration* page will appear. Under *Instances*, you can change the number count and size of the virtual machines of your cloud application. Be sure to check the pricing for the instances, as you will be charged more for larger instances.

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