

Azure IaaS Workshop

Windows Azure is an open and flexible cloud platform that enables you to quickly build, deploy and manage applications across a global network of Microsoft-managed datacenters. You can build applications using any language, tool or framework. And you can integrate your public cloud applications with your existing IT environment.

Workshops are excellent ways for customers to further their understanding of Windows Azure. The goal is to provide customers with a real example or proof of concept (POC) of the feasibility to move their applications to a Windows Azure hybrid environment. In this section we provide an example of how a 3-day workshop can be organized and delivered. 5-day and 10 day workshops are also available.

Ten-Day Workshop

This workshop includes the statement of work from the 3-day workshop and adds setup and training of Microsoft System Center 2012 SP1. This workshop enables customers to implement Systems Center components (Core System Center, AppController, and Orchestrator) to capture telemetry and monitoring information and manage the application(s) migrated to Window Azure.

Who should be involved?

To have a successful workshop, customers need to agree to have resources committed to the project. The following customer teams should be involved in designing the POC:



Operations Team

Person[s] that are responsible for the IT operations of the application. Need to have a deep understanding of the customer's required IT stack of applications that would have to be installed in the Windows Azure Virtual Machines



Security Team

Person[s] that have a deep knowledge of the customer's network security, customer network topology, security policies, procedures, and security configuration.



Development Team

Person[s] that have domain knowledge of the application selected to be migrated to Windows Azure.



Management Team

Person[s] belonging to the management team who have support from their leadership team and who can communicate with project stakeholders and help remove blockers.

NOTE: Depending on the size of the organization, you may have resources sharing multiples or full divisions dedicated to a single role.

Ten-day workshop

The 10-day workshop builds on the 3-day training and adds information about end-to-end Windows Azure management and automation using the full suite of Microsoft System Center 2012 SP1 tools and features. The following table lists example tasks that would be performed in a 10-day workshop.

TEN DAY WORKSHOP*



Day One, Two, Three

Assist customer in setting up an Enterprise Agreement or Trial Azure subscription for the project

Lead customer through the Discovery step; document customer's environment and goals

Windows Azure deployment planning

Perform initial Windows Azure IaaS implementation

Perform AD DS implementation, either by using Windows Azure Active Directory or integrating with the customer's on-premise AD DS

Windows Azure Virtual Machines planning and deployment

Windows Azure Virtual Machines backup and restore planning and deployment

(Linux) Support customer in creating and managing Linux VMs

Educate customer about the following:

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| •Windows Azure IaaS overview | •Demonstrate how the customer can extend the deployment to include dynamic management with SystemCenter App Controller and Orchestrator | •Windows Azure networking (VNETs, DNS, AD DS, and setting up the VPN) | •Data Management |
| •Windows Azure Active Directory | | •Monitoring and management with System Center | •Windows Azure storage |
| •SQL Server on Windows Azure IaaS | | | •Windows Azure identity services |
| •SharePoint on Windows Azure IaaS | | | |



Day Four, Five

Work with customer to plan and deploy a basic System Center Deployment, including Orchestrator and App Controller 2012 SP1

Work with customer to create and install a management certificate in the Windows Azure Management Portal

Configure App Controller 2012 SP1

Educate customer about the following:

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|---|-----------------------------------|---|
| •SQL Server on Windows Azure IaaS | •SharePoint on Windows Azure IaaS | •Use of System Center App Controller for managing Windows Azure |
| •Monitoring and management with System Center | •System Center App Controller | |



Day Six, Seven, Eight, Nine, Ten

Install the Windows Azure Integration Pack for Orchestrator 2012 SP1

Co-author sample run books with the customer to demonstrate automated deployment and deletion of IaaS Virtual Machines

Work with customer to plan and implement advanced automation scenarios

Verify and test advanced automation scenarios

Educate customer about the following:

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| •Advanced automation scenarios that can be achieved by combining Service Manager provisioning portals with run books | •Use of the Windows Azure Integration Pack for Orchestrator |
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