



Azure Dev Test Workshop

Microsoft Azure enables you to develop and test applications faster, at reduced cost, while giving you the flexibility to deploy in the cloud or on-premises from any PC at work, at home, or any internet location around the world.

Let Microsoft and Tallan begin your move to the cloud with an in house Azure Dev Workshop

Topics Covered

- Virtual Networks
- Creating Virtual Machines in Azure
- Load Testing
- Coded UI Testing
- Automated Deployment Scenarios
- Creating Dev Test Environments in Azure
- Due diligence needed to maximize the benefits of the cloud computing

What's included?

- ✓ **MSDN** subscriptions to take advantage of FREE Azure through MSDN
- ✓ Azure Dev Test lab management
- ✓ Introduction to **Azure PaaS / Azure IaaS**
- ✓ **Team Foundation Server 2017 or Visual Studio Team Services** Feature set as it relates to Dev/Test
- ✓ **Azure Dev Test lab** with Azure automation
- ✓ When, where, and why use Azure Dev and Test
- ✓ **Visual Studio Team Services** Build & Deployment Services
- ✓ **Disaster Recovery Scenarios** with Azure
- ✓ The steps and tools needed for a successful Dev Test Environment



Azure Visual Workshop



Part 1 : Envisioning & Use Cases

Set up an Enterprise Agreement or Azure subscription for the project.

Through a discovery session setp, document customer's environment and goals.

Review and discuss Azure IaaS:

- Azure IaaS overview
- Azure storage

- Azure networking (VNETs, DNS, AD DS, and setting up the VPN)

Azure IaaS deployment planning:

- Create Dev / Test environment with existing virtual machines

- Create Network Diagram



Part 2: Deployment

Initial Azure Dev / Test environment setup

Azure Virtual Machines backup and restore planning and deployment

Educate customer about Azure features:

- Benefits of Azure Dev and Test
- Demonstrate deployment scenarios
- Demonstrate load test scenarios

- Demonstrate Coded UI tests
- Demonstrate Azure DR scenarios

Educate customer about the following Visual Studio 2017 features:

- Test Manager
- Standard Lab environments

- SCVMM virtual lab environments



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Founded in 1985, Tallan provides technology and business process consulting services to enterprise and mid-sized companies, as well as government entities, with a focus on Custom Development, Portals and Collaboration, Business Intelligence, Application Integration, Mobile Platforms, User Experience, Ecommerce, Web Development, and Cloud Services.