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| Title | Abstract | Content SME | Video link from The Tour or other | Github link- demo instruction |
| Migrating web applications to Azure | When Tailwind Traders acquired Northwind Traders earlier this year, we wanted to be sure that we could access their inventory in real time, which meant moving their existing web API alongside ours on Microsoft Azure. In this session, we’ll look at how to migrate a frontend application to Azure, optimizing for speed and scale with Azure Storage. We’ll examine how to deploy, manage, monitor and backup both a Node.js and .NET Core API utilizing Azure App Service For Linux. Finally, we’ll see how a cloud architecture vastly simplifies the complexity that comes with an on-premise installation and frees you up to focus on your applications instead of your infrastructure. | Mark Winters  Nannette Sperling | [Video 1](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftechcommunity.microsoft.com%2Ft5%2FMicrosoft-Ignite-The-Tour%2FMigrating-web-applications-to-Azure%2Fm-p%2F284174&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343782584&sdata=x%2BYDWnIMJFykJ1aoL6ut6mmku%2B0cF%2BDtBAJPvoD86m0%3D&reserved=0) | [Session 1](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fmicrosoft%2FIgniteTheTour%2Ftree%2Fmaster%2FMIG%2520-%2520Migrating%2520Applications%2520to%2520the%2520Cloud%2FMIG10&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343792575&sdata=cSt2%2Fax9eurWrQFbD%2FfunaKeRRFsA%2BxIdttkGF%2Bav8E%3D&reserved=0) |
| Moving your database to Azure | Northwind Traders kept the bulk of its data in an on-premises data center, which hosted servers running both SQL Server and MongoDB. After the acquisition, Tailwind Traders worked with the Northwind team to move their data center entirely to Azure. In this session we’ll show you how we migrated an on-premises MongoDB database to Azure Cosmos DB and SQL Server database to an Azure SQL Server Managed Instance. You’ll learn about data preparation decisions, performing the migration, and ensuring your application has zero downtime while switching over to the cloud hosted database providers. | Mark Winters  Nannette Sperling | [Video 2](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftechcommunity.microsoft.com%2Ft5%2FMicrosoft-Ignite-The-Tour%2FMoving-your-database-to-Azure%2Fm-p%2F284149&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343792575&sdata=XxBgX5i1%2BQNQEh3duofecw4QxiszdCAKJTE1jRgUSic%3D&reserved=0) | [Session 2](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fmicrosoft%2FIgniteTheTour%2Ftree%2Fmaster%2FMIG%2520-%2520Migrating%2520Applications%2520to%2520the%2520Cloud%2FMIG20&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343802566&sdata=Q%2FUWQWXtp64ZSZiKbGnJIsWJVPEaIZ%2BkeNdTkVQQRqc%3D&reserved=0) |
| Deploying your application faster and safer | Northwind Traders kept the bulk of its data in an on-premises data center, which hosted servers running both SQL Server and MongoDB. After the acquisition, Tailwind Traders worked with the Northwind team to move their data center entirely to Azure. In this session we’ll show you how we migrated an on-premises MongoDB database to Azure Cosmos DB and SQL Server database to an Azure SQL Server Managed Instance. You’ll learn about data preparation decisions, performing the migration, and ensuring your application has zero downtime while switching over to the cloud hosted database providers |  | [Video 3](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftechcommunity.microsoft.com%2Ft5%2FMicrosoft-Ignite-The-Tour%2FMoving-your-database-to-Azure%2Fm-p%2F284149&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343802566&sdata=bOc0qKiZNNwNDfrnhmrK8ytI3aatk6BVZy504kiW3jQ%3D&reserved=0) | [Session 3](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fmicrosoft%2FIgniteTheTour%2Ftree%2Fmaster%2FDEV%2520-%2520Building%2520your%2520Applications%2520for%2520the%2520Cloud%2FDEV20&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343812567&sdata=XimzU6qEWioO4yZoGn6wuf171Zf%2FtCHdRfTWXSe4Wsc%3D&reserved=0) |
| Modernizing your application with containers and serverless | Tailwind Traders actively encourages its development team to explore new ideas with our skunkworks program. Developers are free to write code and solve problems using virtual machines hosted with Microsoft Azure, but when those solutions are adopted, it’s time to move them into a more scalable and secure environment. In this session, we’ll show you how we move an application from a virtual machine into scalable containers on Azure, gaining deployment flexibility and repeatable builds. You’ll also learn how to store application secrets in Azure’s KeyVault service, making it easier for your application to access business critical data. Finally, you’ll see how to add functionality to your existing API using Serverless Functions. | Mark Winters  Nannette Sperling | [Video 4](https://techcommunity.microsoft.com/t5/Microsoft-Ignite-The-Tour/Modernizing-your-application-with-containers-and-Serverless/m-p/284152#M69) | [Session 4](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fmicrosoft%2FIgniteTheTour%2Ftree%2Fmaster%2FMIG%2520-%2520Migrating%2520Applications%2520to%2520the%2520Cloud%2FMIG40&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343812567&sdata=%2FZchMRSc%2FnrNKsUl08Ua%2Fho6VIVLCMXL6eF2%2FTVXV%2Bo%3D&reserved=0) |
| Consolidating infrastructure with Azure Kubernetes Service | Kubernetes is a new, open source container orchestration system that supercharges applications. The technology unlocks advanced features like A/B testing, Blue/Green deployments, canary builds, and dead-simple rollbacks. This session demonstrates taking your containerized application and deploying it to Azure Kubernetes Service (AKS). You’ll walk away with a deep understanding of major Kubernetes concepts and how to put it all to use with industry standard tooling. | Mark Winters  Nannette Sperling | [Video 5](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftechcommunity.microsoft.com%2Ft5%2FMicrosoft-Ignite-The-Tour%2FConsolidating-infrastructure-with-Azure-Kubernetes-Service%2Fm-p%2F284154&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343822558&sdata=V4k0LVRNhvqqb6v4AhnFnfcfBYstXnlX7QxuaIBKBrU%3D&reserved=0) | [Session 5](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgithub.com%2Fmicrosoft%2FIgniteTheTour%2Ftree%2Fmaster%2FMIG%2520-%2520Migrating%2520Applications%2520to%2520the%2520Cloud%2FMIG50&data=02%7C01%7Cv-judes%40microsoft.com%7C8a28c85444ae4915bf3f08d6ea3650dc%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C636953916343822558&sdata=QVlu2D7UCAEWPmjNn9XBXRicpFN0awEfLgj%2BDFEKAog%3D&reserved=0) |