Virtual machines vs Containers Ortega, Ivan Ortega, Ivan Virtual machines can Complete isolation Lightwight ispolation fail over to another If a cluster node fails, from the host Virtual Fault from the host and server in a cluster, any containers running operating system and other virtual machines machines Isolation where the virtual other containers Fault on the node are rapidly Isolation Containers machine's operating recreated by the system restarts on the orchestrator on another cluster node. Ortega, Ivan Ortega, Ivan Use a virtual hard Run a complete Ortega, Ivan Ortega, Ivan disk (VHD) for local operating system Use Azure disks for Azure files for storage for a single Ortega, Ivan Operating inclouding kernel, local storage for a starage shared by system Run the user mode requieres more Persistet Operating single node multiple nodes or portion of an OS, can storage system resources servers be tailored just to use the needed services Ortega, Ivan for your app Windows admin center or hyper-v Ortega, Ivan manager. Deploy individual containers by using Docker the via command line Ortega, Ivan Deploy multiple virtual machines by Ortega, Ivan using Powershell or system center virtual Deploy multiple machine manager containers by using an orchestrator sich as AKS.