

This workshop is comprised of working sessions which provide an outline of the processes used in designing an Azure Well-Architected Framework. These sessions will discuss, review, and evaluate the appropriate design considerations and options available to align with organizational needs and requirements. These sessions will yield an architectural diagram outlining the framework for the environment in alignment with Microsoft’s enterprise-scale landing zone architecture.

Please plan to review and discuss existing architecture, documentation, processes, procedures and actively develop these components for an Azure Well-Architected Framework.

Session: Discovery & Environment Review		Attendees: Management and Leads
Requirements and Goals		
Requirements	Goals	
<ul style="list-style-type: none">Security Standard(s); formal and/or organizationalOrganizational Governance procedures and management process	<ul style="list-style-type: none">Governance challenges, pain points, obstacles, and challenges experienced and anticipatedTiming / TimelineBusiness prioritiesAnticipated output from design sessions	
Review Current Data Landscape		
Prior to the design sessions, Redapt will complete an assessment of the existing Azure environment documenting the current utilization and configurations of key components, services, and features. If no Azure environment exists, then a high-level whiteboard session will be completed to identify business drivers, requirements, and an overview of the organization’s technology roadmap. The information from assessment or whiteboard session will be referenced throughout the workshop.		
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Session: Azure Adoption Foundations		Attendees: All Workshop Attendees
Topics:		
<ul style="list-style-type: none">Microsoft’s Cloud Adoption Framework for AzureCloud Adoption Framework Enterprise-scale Architecture<ul style="list-style-type: none">Enterprise-scale OverviewEnterprise-scale Design PrinciplesCloud Governance in Azure		
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Session: Azure Organization		Attendees: Leads and Infrastructure	
Management Hierarchy and Subscription Organization			
<ul style="list-style-type: none">Enterprise-scale Reference ImplementationManagement Groups		<ul style="list-style-type: none">Subscription DesignResource Group Structure	
Tenant Governance			
<ul style="list-style-type: none">Azure Region DeterminationNaming Convention		<ul style="list-style-type: none">Resource Tagging	
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Session: Identity Access Management		Attendees: Leads and Infrastructure
Supporting Features and Tools		
<ul style="list-style-type: none">● Azure AD<ul style="list-style-type: none">○ ADConnect, Users, Groups, B2B, and B2C○ Multi-Factor Authentication (MFA)● Azure AD Premium<ul style="list-style-type: none">○ Conditional Access○ Risk Detection○ Smart Lockout	<ul style="list-style-type: none">● Active Directory (ADDS) Integration● Privileged Identity Management● Role-Based Access Control (RBAC)● Passwordless & Zero Trust	
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Session: Azure Networking		Attendees: Leads and Networking
Supporting Features and Tools		
<ul style="list-style-type: none">• Network Topology<ul style="list-style-type: none">○ VNet Segmentation and Peering○ IP Address Allocation• Azure Connectivity (VPN/ExpressRoute)• Azure Firewalls	<ul style="list-style-type: none">• Network Security Groups• Azure Load Balancer• Traffic Manager• Azure DDoS Protection• Azure Web Application Firewall	
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Session: Security & Governance		Attendees: Leads and Security
Azure Governance Overview		
<ul style="list-style-type: none">Microsoft Reference ArchitectureSecurity, Governance & Compliance	<ul style="list-style-type: none">Azure Governance with Native ToolsContinuous Compliance Approach	
Security and Compliance Features, Services, and Design Overview		
<ul style="list-style-type: none">Azure PolicyAzure Defender (Security Center)Data EncryptionResource Locks	<ul style="list-style-type: none">Virtual Machine Security Controls<ul style="list-style-type: none">Just-in-Time AccessAzure Key Vault	
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Session: Business Continuity & Disaster Recovery		Attendees: Leads and Infrastructure
Resilience: Management & Monitoring		
<ul style="list-style-type: none">Log AnalyticsAzure MonitorAzure Alerts	<ul style="list-style-type: none">Azure Automation<ul style="list-style-type: none">Change trackingUpdate Management	
Recovery and Contingency		
<ul style="list-style-type: none">Azure Backup	<ul style="list-style-type: none">Azure Site Recovery	
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Session: Environment Modernization		Attendees: Leads, Infrastructure, and Application Developer Leads	
Azure Migration			
<ul style="list-style-type: none">• Migration Strategies		<ul style="list-style-type: none">• Azure Migrate	
Storage and Compute			
<ul style="list-style-type: none">• Azure Storage• Azure Compute<ul style="list-style-type: none">○ Virtual Machine Services and Solutions○ Deployment		<ul style="list-style-type: none">○ Agent and Extensions○ Availability Sets○ Availability Zones○ Scale Sets	
Azure Services			
<ul style="list-style-type: none">• Database PaaS/SaaS• Azure Files		<ul style="list-style-type: none">• Universal Print• Azure Sentinel	
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