

Cloud Native Qumulo on Azure Remote Deployment Service

Overview & Benefits

The Cloud Native Qumulo (CNQ) Deployment Service ensures a seamless and efficient setup of CNQ within your Azure account. Our expert deployment team works closely with you to align the implementation with your technical and operational requirements. By leveraging Azure Blob Storage as its backend and providing filesystem performance via L-Series or La-Series Virtual Machines with NFS and SMB protocols, CNQ simplifies data management, optimizes performance, and accelerates your transition to cloud-native storage.

Key Benefits:

- **Rapid Deployment:** Quickly set up CNQ within your Azure infrastructure, ensuring minimal disruption to your operations.
- **Enhanced Performance:** Experience filesystem-level speed and reliability for demanding applications like analytics and media workflows.
- **Scalability:** With CNQ offering a near infinite capacity scaling, scale your performance separately to match your data access needs.
- **Expert Guidance:** Receive hands-on support to ensure that everything is set up correctly to your specifications.
- **Cost Optimization:** Avoid unnecessary infrastructure costs by fully utilizing Azure's cost-efficient resources.

Service Description

This is a remote session that covers all aspects of administering Qumulo software to configured on Azure

Orientation & Deployment of Cloud Native Qumulo

Our deployment service follows a structured approach to ensure a smooth transition and optimal configuration of Cloud Native Qumulo.

- **Initiation:** Conduct a detailed kickoff meeting to understand your technical goals, current infrastructure, and use cases.
- **Planning:** Develop a tailored deployment plan, including Azure Blob storage and L-series virtual machine integration, protocol configurations, and scaling considerations.
- **Configuration:** Set up CNQ's core services, integrate with Azure resources including networking configuration, Active Directory / Entra setup, and configure basic protocols (NFS/SMB).
- **Validation:** Test the deployment to verify connectivity and functionality.
- **Handover:** Provide training, documentation, and ongoing support recommendations.

Scope

The scope of the deployment service includes one or more sessions (not to exceed six hours) for CNQ deployment and technology overview.

- **Platform Deployment:** Installation of CNQ software in your Azure environment.
- **Azure Resource Integration:** Configuration of associated Azure services for CNQ.
- **Protocol Setup:** Configuration of NFS and SMB access for client systems.
- **Validation and Training:** Functional testing and operational training
- **Technology overview:** The session will last up to two hours (in addition to the setup time commitment for the initial CNQ deployment).

The deployment service includes the following key activities:

- **Pre-deployment Assessment:** Evaluate your Azure environment, including VNet, VM, Blob Storage, IAM and security group requirements.
- **Configuration:** Deploy CNQ on VM instances, integrate Blob storage, and configure NFS and SMB protocols.
- **Validation Testing:** Perform end-to-end testing to confirm the deployment meets specified requirements.
- **Knowledge Transfer:** Conduct a session to train your team on operational management and best practices for CNQ.

Qumulo's Professional Services Agreement incorporates and governs all aspects of the services described in this datasheet