Outlook

## EPIC Hyland OnBase follow up

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1 attachment (134 KB)
EPIC Hyland Onbase Future State Architecture.pdf;

Hi Samuel and Roberto,

Good evening! Hope you both are doing well.

As part of CMCoE, I am assisting with the technical assessment for the EPIC Hyland applications. I have shared a list of **WAR questions** with you and would greatly appreciate your input. Your responses will help us evaluate the current state and identify any potential gaps.

Once I receive your initial responses, I will set up a follow-up call to review any outstanding gaps and address any questions you may have.

Additionally, I am sharing the **target state architecture** for your reference and to gather any feedback you may have.

**Architecture Overview**

This diagram shows Azure-based architecture for hosting the Hyland OnBase system with high availability and disaster recovery capabilities across two availability zones (AZ-1 and AZ-2). The architecture maintains the three-tier structure of OnBase while leveraging Azure's native services.

**Key Components**

1. **Connectivity**:
    1. On-premises users connect via Azure VPN Gateway
    2. Azure DNS manages name resolution
2. **Application Gateway**:
    1. Serves as the entry point for traffic
    2. Likely handling load balancing and SSL termination (replacing the F5 load balancer mentioned in meeting minutes)
3. **Multi-Tier Architecture**:
    1. **Web Tier**: OnBase Web/Proxy servers in each availability zone
    2. **Application Tier**: OnBase Application servers in each availability zone
    3. **Storage Tier**: OnBase NAS/Storage in each availability zone
4. **High Availability & Disaster Recovery**:

    1. Azure Load Balancer between the two availability zones
    2. Primary/Secondary replication between storage tiers
    3. Container configuration for potential containerization approach
5. **Management Services** (shown on right side):
    1. Azure Monitor for observability
    2. Azure Automation for operational tasks
    3. Azure Backup Center for backups
    4. Azure DevOps for deployment and configuration management

**Migration Benefits**

1. **High Availability**: The design implements redundancy across availability zones, replacing the current production and Cisco data center setup.
2. **Scalability**: The architecture allows for horizontal scaling within each tier.
3. **Managed Services**: Leveraging Azure native services for monitoring, backup, and automation reduces operational overhead.
4. **Modern Load Balancing**: Moving from F5 to Azure Application Gateway and Load Balancer.
5. **Security**: Secured connectivity from on-premises via VPN Gateway within a defined Resource Group and Virtual Network.

Please let me know if you have any questions or need any clarifications. I appreciate your time and support on this!

Thanks,
Nidhi