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# Executive Summary

# SWOT Analysis Summary

SWOT stands for Strengths, Weaknesses, Opportunities, and Threats – and is a well-known acronym in the world of analysis. SWOT Analysis seeks to identify critical areas for review by segmenting the analysis into these four vectors.

## Strengths

## Weaknesses

## Opportunities

## Threats

# Design Concerns

## Forces

### Change Drivers

### Frequency of Change

### Areas of Change

## Constraints

### Time

### People

### Budget

### Organizational

### Legal

### Legacy

# Infrastructure

## Network

## Server Hardware

### Server XYZ

|  |  |
| --- | --- |
| Server Name |  |
| IP Address |  |
| CPU Count |  |
| CPU Speed |  |
| Memory |  |
| Memory (L2 cache) |  |
| Disk Space (total) |  |
| Disk Space (free) |  |
| Operating System |  |
| Latest Patch Applied |  |
|  |  |

# Data Architecture

## Data Flows - Overview

## Data Sources - Internal

## Data Sources – External

## Canonical Message Models

## Data Models

# enterprise Architecture

## Overview

# Application Architectures

# Batch Processing

## Batch Jobs - Daily

### Schedule Overview

## Batch Jobs – Weekly

### Schedule Overview

## Batch Jobs – Monthly

### Schedule Overview

## Batch Jobs – Quarterly

### Schedule Overview

## Batch Jobs - Annually

### Schedule Overview

## Batch Jobs – Special

## Batch Jobs- Ad Hoc

# Integrations

## Batch Integrations - Inbound

## Batch Integrations – Outbound

## Web Services – Internally Hosted

### Service XYZ

## Web Services – Externally Hosted

### Service ABC

# Analytics and reporting

# Security

## Physical

## Authentication

## Authorization

### Roles

### Permissions

## Password Reset

## User Account Lockout

### Conditions / Triggers

## User Account Unlock

### Process

## Browsers

## Application Servers

## Database Servers

## Encryption

## Network

### Threat Management Gateway

### Firewall

### Load Balancer

### DDoS

### Certification Mangement

### Intrusion Detection

### IP Blacklist

### IP Whitelist

# Operations

## Monitoring

## Deployment Processes

## Job Scheduling

## File Transfers

## Logging

## Alert notifications / monitoring

# Performance

## Transaction Frequency

## Transaction Volume

## Response Time Requirements

## Data Storage Requirements

## Data Caching

## Content Distribution Network (CDN)

## CPU Utilization

## Memory Utilization

## I/o Stats

## Network Bandwidth Utilization

## Thread Utilization

## Database Connection pooling

# Software Development

## Project Management

## Configuration Management

## Source Code Control

## Release Management

## Skills and Training

## Continuous Integration

## Testing

## Test Driven Design

## Unit Testing

## Integration System

## Performance Testing

## Continuous Deployment

# Recommendations

## Urgent

## Important

## Suggested