

DEPLOYING MICROSOFT OFFICE PROJECT 2007 IN AN ENTERPRISE ENVIRONMENT

Hardware Sizing Document

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Microsoft® Office Enterprise Project Management Solution

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# Introduction

The purpose of this document is to provide specific Hardware Specification

## Assumptions

## Usage Data

|  |  |
| --- | --- |
| **.** | |
| Total number of potential users (subscribers) that could access this system? | 1,000 |
| What is the user concurrency percentage on a typical day? | 50% |
| Average number of user requests per user per day? | 200 |
| Hours in the business day? | 8 |
| Peak factor (ratio of how much peak usage exceeds average)? | 2:1 ratio |

## Solution Component

|  |  |
| --- | --- |
| **.** | |
| Application Operations as a percentage of total system use? | 50% |
| Search operations / Other Features as a percentage of total system use? | 15% |
| Team Services operations as a percentage of total system use? | 35% |
| Estimate of the typical degree of stored content modification | Medium |

## Usage Characteristics Assumed

|  |  |
| --- | --- |
| **.** | |
| Is heavy or frequent indexing of content sources anticipated? | No |
| Is a high availability solution required? | Yes |
| Is it required that a high service level be maintained? | Yes |
| Specified reserve capacity that should be included | 20% |
| Required data store size | 400 GB |
| Maximum disk fill factor | 65% |

## Solution Architecture

|  |  |
| --- | --- |
| **.** | |
| Platform preference | Rack Mount Server Solution |
| Platform CPU preferences | Intel |
| Storage Architecture | SAN |

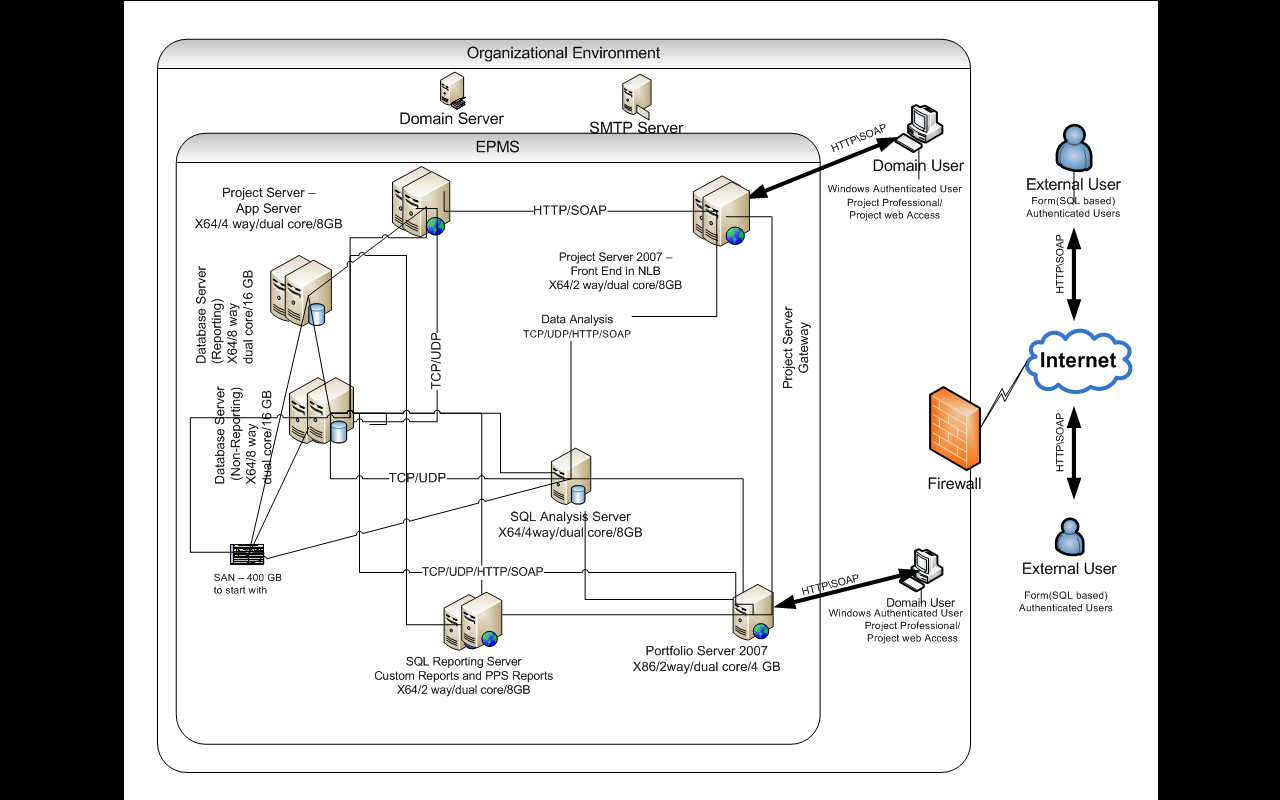
## Hardware required

|  |  |
| --- | --- |
| **Servers** | **Configuration** |
| Web Front End | (X64 / 2 Way / Dual Core / 8GB ) x 2Nos |
|  |  |
| Application Server | (X64 / 4 Way / Dual Core / 8GB ) x 2 Nos |
|  |  |
| SQL Server (DB – Non Reporting) | (X64 / 8 Way / Dual Core / 16GB ) x 2 Nos |
|  |  |
| SQL Server (DB – Reporting) | (X64 / 8 Way / Dual Core / 16GB ) x 2 Nos |
|  |  |
| SQL Server (Analysis) | (X64 / 4 Way / Dual Core / 8GB ) x 1 Nos |
|  |  |
| SQL SRSS Server | (X64 / 2 Way / Dual Core / 8GB ) x2Nos |
|  |  |
| Portfolio Server (Optional) | (X86 / 2 Way / Dual Core / 4GB) x 1 No |

### Client Requirement

|  |  |
| --- | --- |
| **Client** | **Configuration** |
| Client Machine | P4 / 512 MB / LAN Card / 10GB |

# Proposed Architecture for Project Server 2007

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