

**Microsoft Dynamics 365 Finance & Operations Upgrade.**

**Infrastructure Requirements Document (IRD)**

**FC Platinum Holdings**

Document Control

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Review Committee

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**INFRASTRUCTURE REQUIREMENTS FOR MICROSFT DYNAMICS 365**

**Supported Server Operating Systems**

|  |  |
| --- | --- |
| Operating System | Notes |
| Microsoft Windows Server 2016 Datacenter or Standard | These requirements are for the database and the Service Fabric cluster that hosts AOS. Only en-us OS installations are supported. |

**Software Requirements for Database Servers**

|  |  |
| --- | --- |
| Requirement | Notes |
| Microsoft SQL Server 2016 Standard Edition or Enterprise Edition | For Database |
| The Microsoft .NET Framework version 4.5.1 or later | For database compatibility |
| Server Fabric |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Topology | Role (Node Type) | Recommended Processor Cores | Recommended Memory (GB) | Number Of Instances | Storage (GB) | IOPS |
| Sandbox | AOS(Data Management, Batch) | 4 | 24 | 2 | 150 | 2000 |
|  | Management Reporter | 4 | 16 | 1 | 150 | 2000 |
|  | SQL Server Reporting Services | 4 | 16 | 1 | 150 | 2000 |
|  | Orchestrator | 4 | 16 | 3 | 150 | 2000 |
|  | SQL Server | 8 | 32 | 1 | 250 | 2000 |
| Production | AOS, Data Management, Batch | 8 | 24 | 3 | 150 | 2000 |
|  | Management Reporter | 4 | 16 | 2 | 150 | 2000 |
|  | SQL Server Reporting Services | 4 | 16 | 1 | 150 | 2000 |
|  | Orchestrator | 4 | 16 | 3 | 150 | 2000 |
|  | SQL Server | 8 | 32 | 2 | 250 | 2000 |
|  | | | | | | |

**Network requirements**

**Network response time**

The following table lists the minimum network requirements for the connection between the web browser and Application Object Server (AOS), and for the connection between AOS and the database in an on-premises system.

|  |  |  |
| --- | --- | --- |
| Value | Web browser to AOS | AOS to Database |
| Bandwidth | 50 kilobytes per second (KBps) per user |  |
| Latency | Less than 250-300 milliseconds(ms) | Less than 1 ms (local area network [LAN] only. AOS and the database must be co-located. |