Adventure Works BI Initiative

Data Warehouse Storage Options

# Low Cost Options

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| **Option 1** | | **C:\Users\Administrator\Pictures\MSL Graphics\hard drive_internal.png** |
| Storage Type | Internal hard disk |
| Storage Array Controllers | N/A |
| Disk Form factor | SATA 7200 RPM Mechanical Disk |
| Disk Capacity | 2 TB |
| Number of Disks | 1 |
| Total Capacity | 2 TB |

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| **Option 2** | |  |
| Storage Type | Internal hard disk |
| Storage Array Controllers | N/A |
| Disk Form factor | Solid State Disk |
| Disk Capacity | 125 GB |
| Number of Disks | 4 |
| Total Capacity | 1 TB |

# Mid-Level Cost Options

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| **Option 3** | |  |
| Storage Type | Internal Hard Disk |
| Storage Array Controllers | N/A |
| Disk Form factor | SAS 10K RPM Mechanical Disk |
| Disk Capacity | 500 GB |
| Number of Disks | 8 |
| Total Capacity | 4 TB |

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| **Option 4** | |  |
| Storage Type | Storage Area Network |
| Storage Array Controllers | 2 |
| Disk Form factor | SAS 10K RPM Mechanical Disk |
| Disk Capacity | 250 GB |
| Number of Disks | 8 (4 per enclosure) |
| Total Capacity | 2 TB |

# High Cost Options

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| **Option 5** | |  |
| Storage Type | Storage Area Network |
| Storage Array Controllers | 4 |
| Disk Form factor | SAS 10K RPM Mechanical Disk |
| Disk Capacity | 250 GB |
| Number of Disks | 32 (8 per enclosure) |
| Total Capacity | 8 TB |

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| **Option 6** | |  |
| Storage Type | Storage Area Network |
| Storage Array Controllers | 2 |
| Disk Form factor | Solid State Disk |
| Disk Capacity | 125 GB |
| Number of Disks | 16 (8 per enclosure) |
| Total Capacity | 2 TB |