

### Build a Windows 2008 Server Project 3

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| <b>Scope</b>            | Build a Domain Controller and a SQL Server for a culinary department with 20 users, three supervisors and two network administrators using two Windows 2008 Servers. The computers will have two 2 TB hard drives setup using RAID 1. The client computers will use Windows XP, Vista and Windows 7 and connect to the machines by 100 Mbps Ethernet cable. The servers have two network interface cards.   |
| <b>Active Directory</b> | All 20 users will be loaded in Active Directory and they can only read and write to their own database. Supervisors will have their own accounts and have full permissions to read and write to all parts of the database. Administrators will have their own accounts and have full permissions to read and write to all folders. Administrators will have rights to change and update the database.   |
| <b>SQL Database</b>     | The SQL database will be setup to allow the users to order supplies for their kitchen using the list provided by the culinary department.   |
| <b>Security</b>         | Username and passwords will conform to institution rules used in other departments.   |
| <b>Roles</b>            | Active Directory, DNS, DHCP, NAT, VPN, SQL  |
| <b>Documentation</b>    | <p>Create an installation manual showing every step to build the two servers for disaster recovery purposes.</p> <ol style="list-style-type: none"> <li>1. Title page</li> <li>2. Table of contents</li> <li>3. Hardware requirements</li> <li>4. BIOS settings</li> <li>5. Windows 2008 installation</li> <li>6. Drivers load</li> <li>7. Updates and service packs</li> <li>8. Security settings and audit policies</li> <li>9. Active Directory setup</li> <li>10. DNS setup</li> <li>11. VPN and NAT setup</li> <li>12. DHCP setup</li> <li>13. Personal load</li> <li>14. Establish RAID 1 backup</li> <li>15. Setup procedure for the SQL Server</li> <li>16. Database manual</li> <li>17. Testing</li> <li>18. LAN Diagram</li> <li>19. Index</li> <li>20. Disk with Windows 2008 Server, drivers and documents</li> </ol> |