monitordynamics

SAFEnet ®

SAFEnet SP4 – Basic Installation Procedures

Microsoft Windows 2008 R2 Server:

Microsoft Windows 7 Workstation:

EMC^2 Software Solutions:

The Leader in Unified Access and Intrusion

Microsoft Windows 2008 R2 Server:

1. Attach all applicable hardware such as a tape backup drives
2. Create Dell RAID-5 if applicable
3. Install Windows Server 2008 R2
4. Change CD/DVD-Rom from D drive to F drive and rename C-Drive to (OS)
5. Create two additional partitions, D-Drive (SQL) and E-Drive (BACKUP)
6. Verify all device drivers are functioning properly and are enabled
7. Disable password complexity and change password to default 'secure'
8. Activate Windows Server 2008 R2
9. Install all Windows Server Updates
10. Change Server Name to 'customer site name_FS1'
11. Turn off all Firewalls (domain networks, home or private network and public network)
12. Assign static IP Addresses to all NICs and rename NICs to 'PUBLIC' and 'PRIVATE" and disable any other NIC's
13. Install Active Directory and DNS as 'customer site name'
14. DNS Server: Delete all Root Hints
15. If Dual Server configure DNS Replication for Forward and Reverse Lookup zones
16. DNS Server: Confirm all Host A and C records correspond to correct IP Addresses
17. Import Active Directory Operator Group Policy into Active Directory
18. Add Domain Name to NIC's DNS suffix in network properties
19. Create Operator Account in Active Directory
20. Turn off screen saver and all power saving features including on NIC
21. Set Event Viewer Items to overwrite as needed
22. Install Microsoft SQL Server 2008 R2
23. Change password complexity for 'sa' and change password to 'secure'
24. Install Microsoft SQL 2005 BC (Backwards Compatibility)
25. SQL Server Configuration Manager: Turn on TCP/IP and Named Pipes for SAFENet/local Instance
26. Set Memory usage to SQL Server at 2048MB
27. Install SAFENet v6.216-SP4
28. Assign the Primary Server as Node 1 and the Secondary Server as Node 2; all workstations' Nodes will start at Node 3, 4, 5, etc…
29. Add Second Card Format in Card Format Editor
30. Create Class/Shift/Schedule Always/Everywhere
31. Set Level to 1
32. Set Event Kill Time to 1800
33. Login to Monitor – Make sure "ID has logged into monitor" Appears
34. Run Reports from Desktop and SAFENet
35. Set ALL Databases to simple except MSNTSAFE which must be set to FULL
36. Set backups, and run for all Databases to E:\

Microsoft Windows 7 Workstation:

1. Install Windows 7 Enterprise x64 version
2. Install all Windows 7 Updates
3. Turn On Administrator Account and log in as Administrator
4. Change Windows 'Aero' Theme to 'Basic' Theme
5. Update Windows 7 registry settings for use with MDILauncher.exe
6. Add static IP's to NIC, Rename NIC to Public Disable any other NIC
7. Add Windows 7 to Domain
8. Add DNS Suffix to NIC
9. Turn off all Power settings including on NIC
10. Install Microsoft SQL Server R2 Express x64 version
11. Change password complexity for 'sa' and change password to 'secure'
12. Set Memory usage to SQL Server at 2048MB
13. SQL Server Configuration Manager: Turn on TCP/IP and Named Pipes for SAFENet/local Instance
14. Install Microsoft SQL Server 2005 BC (Backwards Compatibility)
15. Install SAFENet v6.216-SP4
16. Add Second Card Format in Card Format Editor
17. Create Class/Shift/Schedule Always/Everywhere
18. Set Level to 1
19. Login to Monitor – Make sure "ID has logged into monitor" Appears
20. Run Reports from Desktop and from SAFENet
21. Set Event Viewer Items to overwrite as needed
22. Set Memory usage to SQL Server at 2048MB
23. Assign the Primary Server as Node 1 and the Secondary Server as Node 2; all workstations' Nodes will start at Node 3, 4, 5, etc…
24. Start SAFENet and Replicate SentryDB to the server using 'sa' login

EMC^2 Software Solutions:

1. Program serial switch with a valid network IP Address
2. Attach serial switch (Moxa/Equinox) to network switch
3. Install serial switch (Moxa/Equinox) software on both Primary & Secondary servers
4. Setup serial switch software and add serial ports as ports 3,4,5 and 6
5. Install EMC2 on the Primary Server and assign a mirror NIC (199.99.99.0) as mirroring device
6. Install EMC2 on the Secondary Server as an additional Node and assign a mirror NIC (199.99.99.0) as mirroring device