

Case Studies In QuickBooks Networking

Advanced Seminars for QuickBooks Users

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- **Mario Nowogrodzki, CPA/CITP - MENDELSON CONSULTING**

Advanced Seminars for QuickBooks Users

Network Attached Storage (NAS)

- CPA firm with lots of QB clients
- QBWs stored in server data drive
 - Server data drive not 'inside' server; it's NAS
- QB DB Svr running on Server

PROBLEM: Users unable to open new QBWs as they are being added to the server data drive

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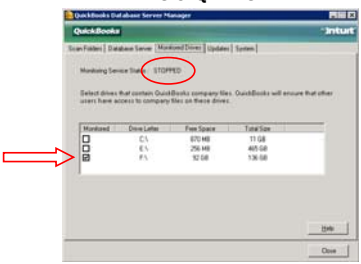
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NAS & QBDBSvr



Mounted	Drive Letter	Free Space	Total Size
<input type="checkbox"/>	C:	875 MB	11 GB
<input type="checkbox"/>	E:	795 MB	485 GB
<input type="checkbox"/>	F:	10 GB	138 GB

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Various Scenarios

- NAS
- DFS
- QB over a VPN
- Faulty Network Switch
- Faulty Switch Ports & QBDataServiceUser
- Multiple Versions of QB DB Mgr
- QBW File Size

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REASON: NAS not 'mounted' at Server startup

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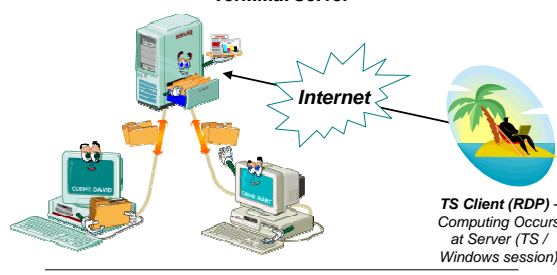
Distributed File System (DFS)

- Machinery distributor with 3 QBWs
 - (2) QBES 7.0
 - (1) QBP 2006
- Multiple servers used for DFS
- **PROBLEM:** Unable to open in multi-user mode
- **REASON:** Mapped drive of QBWs was pointing to DFS server and not to server running QBDBSvr

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Terminal Server



Internet

TS Client (RDP) - Computing Occurs at Server (TS / Windows session)


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QuickBooks over a VPN

- Auto wrecking shop with 2 locations
 - Remote location connects via VPN
- **PROBLEM:** Extremely slow QB performance at remote location
- **REASON:** Using QB program on remote location and data on server location


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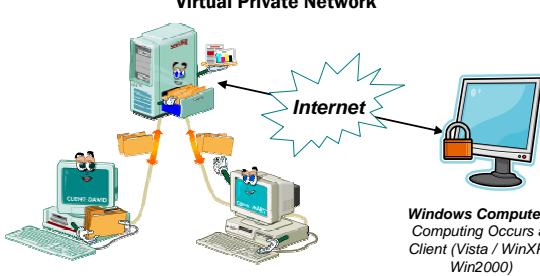
Faulty Network Switch

- Clothing distributor running QBES
- **PROBLEM:** QBES inaccessible from any client
- **REASON:** Bad network switch

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Virtual Private Network



Internet

Windows Computer - Computing Occurs at Client (Vista / WinXP / Win2000)

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Faulty Switch Ports & QBDataServiceUser

- Clothing manufacturer running QBES and QBPOS Multi-Store
- **PROBLEM:** Clients could not open QBES, showing error about not communicating w/ QBDBSvr
- **REASONS:**
 - No rights to QBDataServiceUser

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QBDataServiceUser Permissions

- Add QBDataServiceUserXX to security grp

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Multiple Versions of QuickBooks Database Manager

- Lighter distributor with 4 QBWs
 - (3) QBES 8.0 - 10-user license
 - (1) QB Premier 2007 - 5-user license
- **PROBLEM:** Unable to open QBP2007 in multi-user mode
- **REASON:** Only QBES 8.0 DBSvr installed on Server, no QB2007 DBSvr

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QBDataService User Permissions

- Allow user permissions for:
 - QB 2009 / 9.0 - QBDataServiceUser19
 - QB 2008 / 8.0 - QBDataServiceUser18
 - QB 2007 / 7.0 - QBDataServiceUser17
 - QB 2006 / 6.0 - QBDataServiceUser

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Multiple Versions of QuickBooks DB Mgr

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Faulty Switch Ports & QBDataServiceUser

- Clothing manufacturer running QBES and QBPOS M-S
- **PROBLEM:** Clients could not open QBES, showing error about not communicating w/ QBDBSvr
- **REASONS:**
 - No rights to QBDataServiceUser
 - 3 faulty ports on network switch

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Multiple Versions of QuickBooks DB Mgr

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QBW File Size

- **Sandals distributor running QBES 8.0**

- **PROBLEM: Very slow performance when saving Invoices**

- **REASON: Size of QBW, size of transactions**

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Review and Takeaways

- **Multiple reasons for QB inaccessible / slow performance**

- **Which of the previous situations apply?**
 - Problem outside QB
 - NAS, DFS, Switch
 - Problem with QB setup / use
 - QB DB Mgr, QB & VPNs, File Size
 - Problem both outside QB & QB setup
 - Faulty Switch Ports & QBDataServiceUser

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Q&A

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