

Managing a GT.M VistA Host

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Fourth Watch Software LC

Managing a GT.M VistA Host

Re: Partisanship in Washington

...people about to go over a waterfall
in a canoe, who, instead of paddling
argue with one another.

-- Mitt quoting Ann Romney (Ottumwa, IA)

Managing a GT.M VistA Host

IMPORTANT

- A "demo" system is never production
- Do not invest "real work" on a "demo"
- Do not expect to "update" a "demo"
- Expect to conform to "best practices"

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REMEMBER

A demo is a demo.

Enjoy it.

Practice with it.

Throw it away!!!

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Best Practices

- Think Security
- Think Redundancy
- Think Reliability
- Think Recoverability

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Security

- The system is not a toy
- The system is not for entertainment
- The internet is not safe
- Define roles
- Assign role to each user

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Security

- Create a physically secure location
- Design/build a secure network
- Plan and implement monitoring
- Plan and implement intrusion detection
- Be in control of access to the system

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Security

- Define system usage roles
- Create system access points for roles
- Define the users (people) of the system
- Assign a role to each user
- Limit user access to that of the role assigned

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Redundancy

- Use "logical dual" configuration
- You need multiple physical machines
- Preferable to have them physically separated
- Allocate sufficient space (machine room & disk)
- Determine a "backup" strategy
- Determine a "recovery" strategy

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Reliability

- Plan physical security
- Condition the power
- Plan adequate space and cooling

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Recoverability

- Have a support contract with FNIS (the vendor)
- Run in "logical dual" configuration
- Retain database journal files
- Regularly backup the database, configuration and routine files to physically separate area
- Regularly run integrity checks

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Brief Overview of Structure

/opt	Location of installed "packages"
/var/log	Location of log files
/etc/init.d	Scripts for system "run levels"
/etc/rc.d	System "run level" specifications
/etc/xinetd.d	Location of CPRS configuration

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Brief Overview of Structure

/home/	UNIX user home directories
<u>user/</u>	Home directory for <u>user</u> or site
bin/	Infrastructure scripts for site
g/	Location of database data files
j/	Location of database journal files
log/	Location of site specific log files
m/	Pointer to version of GT.M
o/	Relocatable objects (from r/ and w/)
r/	VistA source code
w/	M2Web source code