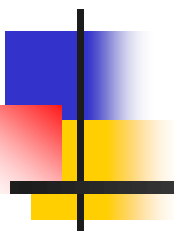
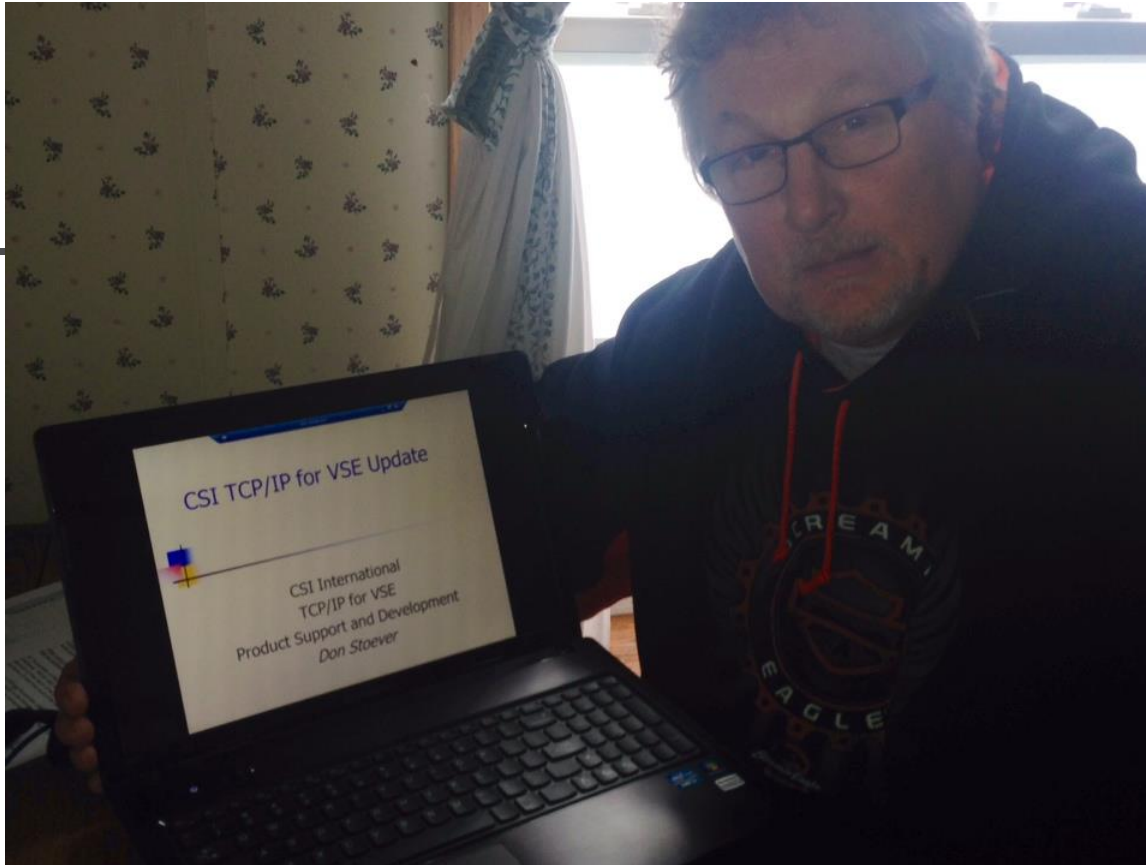


CSI TCP/IP for VSE Update



CSI International
Product Support and Development
Don Stoeber
January 17th 2017

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International



CSI TCP/IP for VSE Update

HAPPY NEW YEAR TO ALL MY z/VSE FRIENDS!

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My Granddaughter born on Jan. 10,2017!

I wonder if she will work on z/VSE someday in the future?



Agenda

- Introduction
- Service News
- Corrections
- Hints and Tips
- Questions



Introduction

- CSI TCP/IP for VSE
 - Putting VSE on IP networks since 1995
 - Extensive monitoring and tuning capabilities
 - Customizable security features
 - Built-in connection management
 - Servers for TN3270, FTP, LPD, and HTTPD
 - Client software such as FTP, LPR, Email, and Telnet
 - Additional support software
 - Automation, PDF creation, Language translation, and more...
 - Powerful API's for creating custom socket applications



Introduction

- CSI TCP/IP for VSE
 - Additional optional features distributed with TCP/IP for VSE
 - GPS for General Print Server
 - TLS/SSL for Secure TCP Sockets using cryptography
 - SecureFTP for SSL/TLS enabled FTP servers and clients
 - FIREWALL to protect your VSE system from hackers!
 - See-TCP/IP for performance monitoring
 - Advanced diagnostics for detailed problem analysis



Introduction

- CSI TCP/IP for VSE
 - Easy to define and use file system for most VSE data structures including:
 - VSAM ESDS and KSDS
 - Librarian
 - Power
 - SAM – Disk and Tape
 - Epic controlled datasets
 - BIM-EDIT
 - ICCF
 - Other VSE resident files



Introduction

- CSI TCP/IP support and development has always made it a high priority to respond to IBM, Customers, Vendors, International Agents, and Consultants to real world customer problems, issues, and business needs.
- Fixes by definition are for defects that could cause abends, incorrect output, failed connections, poor performance, etc.
- But many fixes have also been created to enhance functionality.



Introduction

- Enhancement fixes were used as the vehicle to get it into the customer installation as quickly as possible without having to wait for a new release to be created.
- This commitment to quickly provide solutions to real world business problems will continue with future releases of TCP/IP for VSE from CSI International technical support and development.



Service News

- TCP/IP 1.5F
 - Pre-Applied Service Packs contains all production fixes
 - Functionally Stabilized
- TCP/IP 1.5G
 - Pre-Applied Service Packs contains all production fixes
 - Recommended for CSI licensed sites on z/VSE 5.2 and below
 - 1.5G is **not** available to IBM licensed sites
- TCP/IP 2.1.x
 - New version recommended for IBM and CSI licensed sites on z/VSE 6.1 and above



Service News 1.5F

- 1.5F Functionally Stabilized
 - 1.5G and 2.1 fixes will not be automatically retrofitted into 1.5F
- CSI licensed sites supported on any version of z/VSE
- IBM TCP/IP for VSE/ESA 1.5F is only supported on z/VSE 5.2
 - (Not on z/VSE 6.1)



Service News 1.5G

- 1.5G is the current and recommended release for CSI licensed sites on z/VSE 5.2 and below
- 1.5G is not available to IBM licensed sites
- All 1.5F production fixes included in 1.5G Pre-Applied Service Packs



Service News 2.1.x

- z/VSE 6.1 supported releases
 - CSI licensed sites are recommended to run 2.1.x on z/VSE 6.1 but can also run 1.5G
 - IBM licensed sites must run 2.1.x to be supported



Service News 2.1.x

- Individual Zaps are no longer available for download from the CSI web site
- New Modification Levels will be made available that include multiple corrections
- 2.1.7 is the current production V.R.M



Service News 2.1.x

- Individual zaps will be written for specific customer problems and once promoted to production status will be included in the next modification level(2.1.8)
- Individual zaps will be available from the CSI FTP server for each modification level as needed
- 1.5G production zaps will automatically be included in new 2.1.x modification levels



Service News 2.1.x

- NFS is no longer distributed or supported
- Demo mode is no longer available
- IBM licensed sites
 - Must obtain a new license key
 - GPS is a separate licensable feature



Service News 2.1.x

- New Set of Documentation
 - Available for download from the CSI web site
 - Includes revisions to Installation Guide, Command Reference, User Guide, Programmers Guide, Optional Features, and Messages manuals



Corrections

- Approximately 270 fixes have been made since January 2014 for 1.5F, 1.5G, and 2.1.7
- Detailed information on these corrective fixes can be found in the release notes distributed with the corresponding release
- It would take too much time to go over each and every one of these during this presentation



Corrections

- Contact CSI support for detailed information on any specific issues
- support@csi-international.com
 - Is the preferred support channel for CSI licensed sites
- IBM licensed sites should first contact and open a PMR with IBM technical support



Hints and Tips

- Use weighted balanced partitions with TCP/IP having a higher weight than the socket application partitions.
- Example with TCP/IP running in F8:
 - PRTY BG=FB=FA=F7=F6=F5=F4=F3=F2=C=P=R=W=S=Y=Z=T=F8,F9,F1
 - PRTY SHARE,BG=100,F2=100,F3=100,F4=100,F8=400
- The workload of applications and TCP/IP should be viewed as a single unit of work. This is from stress testing that is performed on our system by using 72 simultaneous FTPBATCH jobs.



Hints and Tips

- More hints and tips can be obtained from the IBM Redbook
 - Enhanced Networking on IBM z/VSE SG24-8091
 - <http://www.redbooks.ibm.com/>
- Consider using external ftpbatch servers
- Implement other features
 - Automatic security
 - Stealth ON
 - DIAG CONNREJ
 - DIAG GETVIS



Questions ?

- Email to support@csi-international.com
- don@e-vse.com