Tip of the Month #1

Enabling CICS Auto Logon

To enable users to logon directly to the CICS Region, thus bypassing the CICS logon screen, add the TIOA script below in the defined transaction.

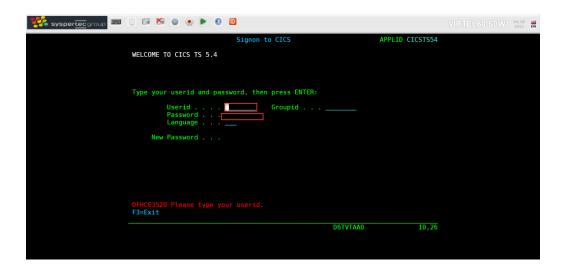The TIO script above will pass the userid and password to the CICS logon screen below.

Note: If the TIOASTA does not work, it may need adjustments based on row and column positions of the userid and password fields. A Virtel trace will help us assist you with proper values.

Seven Security Vulnerabilities of Thick-Client TN3270 Emulators

On the SDS website, we identify seven security vulnerabilities with legacy thick-client TN3270 emulators that Virtel Web Access eliminates. Your security team may want to know about these vulnerabilities.

https://www.sdsusa.com/blog/posts/seven-vulnerabilities-of-thick-client-tn3270-emulators/

And can be found via VWA resources.

We also have an on-demand webinar covering this topic. You will be able to sign up for and watch this 15-minute webinar at your leisure beginning September 14th.

There is much more to cover when it comes to securing the 3270 TE path from user to 3270 applications: IAM integration, identifying the components of a 3270 TE solution that need to be configured for security, list of potential cyber-attacks against 3270 TE, etc. Additional security topics not covered on the webpage or webinar will be covered in separate small videos uploaded to the SDS website and Virtel YouTube channel.

Virtel Implementation Services

Starting September 2021, we will offer new Virtel implementation services including:

New Customers	Installation + Configuration	Onetime
Existing Customers	Administration + Maintenance + Upgrade	Annual

Those services will reduce the customers incurred implementation costs: it will cost less to a customer to hire the Virtel technical team to implement Virtel than it would for the customer to use their own Virtel implementation team.

Besides saving money on implementation costs, those services will reduce the time and improve the quality of the Virtel implementation while making the implementation process more predictable.

Contact lori.kettles@sdsusa.com for pricing details.

Product Updates

We encourage our customers to update their Virtel product installations to the latest level to avoid experiencing Virtel product issues that have already been identified and corrected. We stand ready to support your product updates.

Virtel z/OS 4.60 PTFs

For z/OS customers who have installed Virtel V4.60, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF5918	SCENARIO DISCARD FLAG IS RESET IF APPLICATION ISSUES CLOSEDESTPASS (customer specific)
PTF5912a	CORRECTS PTF5912
PTF5912	POSSIBLE ABEND ICH409I 283-024 ABEND DURING RACINIT PROCESSING PTF FOR VIRTEL VERSION >>>> 4.60 <<<<

PTF5910	VIRPLEX STARTUP INCORRECT IN VIRTEL 4.60
PTF5909	PASSPHRASE FIX FOR NOMIXEDCASE ENVIRONMENTS
PTF5908	IMPROVE SUPPORT FOR GRAPHIC CHARACTERS
PTF5904	USERPARM 100% CPU AT VIRTEL STARTUP High-Impact PErvasive (HIPER)
PTF5903	VIRAPI ERROR
PTF5901	CORRECT ABENDS0C4 IN MEMDISPLAY COMMAND
PTF5887	5887 APL SUPPORT FOR OMEGAMON

Virtel z/OS 4.59 PTFs

For z/OS customers who have installed Virtel V4.59, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF5918	SCENARIO DISCARD FLAG IS RESET IF APPLICATION ISSUES CLOSEDESTPASS (customer specific)
PTF5912B	IS A REWRITE OF PTF5912 AND PTF5912A DUE TO * A CONFLICT WITH PTF5908 MVS459
PTF5909	PASSPHRASE FIX FOR NOMIXEDCASE ENVIRONMENTS
PTF5908	IMPROVE SUPPORT FOR GRAPHIC CHARACTERS
PTF5904	USERPARM 100% CPU AT VIRTEL STARTUP High-Impact PErvasive (HIPER)
PTF5903	VIRAPI ERROR IN 4.59
PTF5901	CORRECT ABENDS0C4 IN MEMDISPLAY COMMAND
PTF5898	VIRIPA9I INITIALISATION FOR VIRTELXM (9-XMPASS) CHANGE THE VIRTEL VERSION NUMBER FROM 4.58 TO 4.59
PTF5887	5887 APL SUPPORT FOR OMEGAMON
PTF5879	ERROR DISPLAY VIRSECU= IN /F <VIRTEL>,TCT
PTF5866	REPLACE X'0C' BY A BLANK – CUSTOMER SPECIFIC
PTF5863	POSSIBLE LOOP PROCESSING A SPECIFIC HTTP INPUT
PTF5860	POSSIBLE S0C4 FOR A LOOPING PAGE GENERATION
PTF5847	POSSIBLE S0C1 ON LATE BIND
PTF5846	FIX OF USERPARM DEACTIVATION AT ENTRY POINT
PTF5840	INCORRECT GRAPHIC CHARACTERS
PTF5838	CASE$ DOES NOT CORRECTLY HANDLE MULTIPLE ATTRIBUTE FIELDS
PTF5824	COPY$ LIST-TO-VARIABLE WITH ADD-PREFIX12 ERROR
PTF5817	ABEND TRYING TO PROCESS A HOST: HEADER RULE

PTF5816	ABEND AFTER LATE APPSTAT RETURN
PTF5815	POSSIBLE S0C6 AFTER VSAM ERROR
PTF5813	POSSIBLE SCREEN FREEZE AFTER LONGPOLL FAILURE
PTF5812	PASSPHRASE AUTHENTICATION + MFA IN ERROR
PTF5811	CANNOT ENTER ONE SPECIFIC CHINESE CHARACTER 'AIR CONDITION'

Virtel z/OS 4.58 PTFs

For z/OS customers who have installed Virtel V4.58, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF5816	ABEND AFTER LATE APPSTAT RETURN
PTF5812	PASSPHRASE AUTHENTICATION + MFA IN ERROR
PTF5807C	ABEND IN VIR0021W DUE TO AN ERROR IN PTF5807
PTF5807B	COMPLETES 5807 X-SYSTEM LOCK ALTHOUGH LONGPOLL
PTF5807A	COMPLETES 5807 X-SYSTEM LOCK ALTHOUGH LONGPOLL
PTF5807	X-SYSTEM LOCK ALTHOUGH LONGPOLL

Virtel z/VSE 4.58 PTFs

For z/VSE customers who have installed Virtel V4.58, we would like to bring to your attention some important recently released PTFs applicable to Virtel.

PTF5886a	CORRECTS AN ERROR IN PTF5886
PTF5886	POTENTIAL 0P77I INVALID STORAGE ADDRESS
PTF5719	DECLARE$: PROBLEM WITH SINGLE QUOTES
PTF5703A	CORRECTS 5703 DECLARE$ ON DRK FIELDS
PTF5703	DECLARE$ ON DRK FIELDS

Virtel 4.60 - W2H-DIR/SCE-DIR Update

UPDT5920 is a cumulative maintenance for all files stored in W2H-DIR/SCE-DIR directories with a Virtel 4.60 product installation.

5888	CAPPMENU, CUT COPY PASTE ENHANCEMENTS, INDPANEL UPDATES
5889	Updates Safari CmdCV, correction Autoprint, updates cAppMenu, correction Printing for Autoprint
5890	PROTECTED,NODISPLAY,UNDERSCORE,NORMAL,NOCOLOR - previously these field were displayed in green (including text, which was not good for a NODISPLAY field)

5890a	Backspace key to left arrow assignment, vwa API, Insertion preserve by setting when Ctrl pressed, SYSNAME, vulnerabilities and color of invisible fields
5891	Expired password panel correction in security 4 fix
5895	Ctrl+S default behavior prevented Enhancement, Copy/Paste ending by empty lines Correction, Information about the vwa session added in web2ajax.htm, Dynamic Directories Intert Edit menu Correction and Enhancement, WEB2SUB.html autoskip correction
5897	Add new MACLIB Member VIRTERM. Correct High CPU when using USERPARM and VSAMTYPE=READONLY; VIRHTML should not be readonly if USERPARM is used.
5899	VWA Missing class attribute for color update, cAppMenu documentation update
5905	Update IND$FILE Codepage limitation
5906	Update for ShowFTP parm
5911	Delivery VIRTERM MACLIB Xmit format
5913	z/VSE template for Ftp template, correction of Ctrl+V during insert mode without paste typing setting, error/indication messages in ind$file panel correction
5914	Correction to VIRTERM MACLIB delivery
5920	Update the WEBgray.css file (specifically the gray background colour)

Virtel 4.59 - W2H-DIR/SCE-DIR Update

UPDT5920 is a cumulative maintenance for all files stored in W2H-DIR/SCE-DIR directories with a Virtel 4.59 product installation.

5851	CORRECT SETTINGS AND CONNECTION ISSUES
5867	CORRECT HIDEINFO AND VWA-CAPTURES PARAMETERS BADLY REPORTED
5874	CORRECT SAFARI APPLE CMD, SETTINGS PF22 PF23 CHOICES, AUTOPRINT, DEFERRED AUTHENTICATION AND AUTOCAPTURE, W2HPARM CONSIDERATIONS, MAXIMUM-PASSWORD-LENGTH AND EXPAND/COLLAPSE CAPPMENUS BLOCKS
5882	VTAM APP PRINT NO LONGER WORKS FIX PRINT FEATURE
5888	CAPPMENU, CUT COPY PASTE ENHANCEMENTS, INDPANEL UPDATES
5889	Updates Safari CmdCV, correction Autoprint, updates cAppMenu, correction Printing for Autoprint
5890a	Backspace key to left arrow assignment, vwa API, Insertion preserve by setting when Ctrl pressed, SYSNAME, vulnerabilities and color of invisible fields
5891	Expired password panel correction in security 4 fix
5895	Ctrl+S default behavior prevented Enhancement, Copy/Paste ending by empty lines Correction, Information about the vwa session added in web2ajax.htm, Dynamic Directories Interf Edit menu Correction and Enhancement, WEB2SUB.html autoskip correction

5897	Add new MACLIB Member VIRTERM. Correct High CPU when using USERPARM and VSAMTYPE=READONLY; VIRHTML should not be readonly if USERPARM is used.
5899	VWA Missing class attribute for color update, cAppMenu documentation update
5905	Update IND$FILE Codepage limitation
5913	z/VSE template for Ftp template, correction of Ctrl+V during insert mode without paste typing setting, error/indication messages in ind$file panel correction
5917	Correct "Paste Continue" menu in IE11 regression
5920	Update the WEBgray.css file (specifically the gray background colour)

Virtel Web Access v458 maintenance level for W2H-DIR / SCE-DIR directories

UPDT5845 is a cumulative maintenance for all files stored in W2H-DIR/SCE-DIR directories with a Virtel 4.58 product installation.

5803	FTP V1.1 NEW FEATURES WITH FTP ICON ON THE TOOLBAR
5808	MACRO UPDATES
5823	SMARTWEB2VIRT PARAMETERS – KEYPAD DISPLAY – CLICK POSITION
5826	CORRECTION FOR UPDT5823 BACKSPACE AND KEYPAD +- - CORRECTION
5827	MISC. UPDATES (VSR/OTS UPDATE, VSR/BMS MAP UPDATE, FTP UPDATE)
5828	VWA COLOR CHANGES
5830	UPDATE TO VIRTEL ONLINE DOCUMENTATION AND CAPTURE FIX
5833	UPDATES TO THE SCRNAPI MACROS
5845	BACKSPACE AND KEYPAD SUPPORT FOR V4.58

z/OS Product and z/OS Support

Virtel v4.58 thru v4.60 are certified as compatible with all levels up to z/OS 2.4 and z/VSE 6.2.

Send comments and suggestions to patrick.fournier@syspertec.us. Stay safe.