

Tip of the Month #1

Tiered Application Tier Menu

Virtel V4.59 and V4.60 feature a new tiered application menu, which can be used as a session manager alternative, because it provides session manager look and ergonomics. Replacing a licensed session manager with this facility – which is an integral part of the licensed Virtel product - eliminates the licensing and support costs associated with licensed session managers like CA TPX™, IBM® CL/SuperSession, or McKinney's VTAM/Switch.

The list of applications presented to users after they logon is dynamically determined from their RACF, ACF2, or TSS authorizations. Virtel administrators can organize the application list in collapsible (>) expandable (+) sections. At first logon, all sections are displayed in expanded form. Users can collapse those sections that contain applications that they do not oftentimes access, to focus on applications that they oftentimes access. On subsequent logons, users retrieve the application menu's organization – some sections collapsed, and some sections expanded – as they left it when they logged off.

The screenshot displays the Virtel Application Tier Menu interface. The browser address bar shows the URL: 10.1.10.200:48002/w2h/cappmenu.htm+applist. The page header includes the SysperTec logo and the title 'Virtel Application Tier Menu' and 'SYSPERTEC Virtel V4.60 Application Menu'. The main content area lists various application categories with expandable/collapsible icons and descriptions:

- > CICS Production Regions
 - CICSPTCK CICSST54 Logon to CICS with RACF Passticket
 - CICSPAUT CICSST54 Logon to CICS (Auto signon to CICS)
- + CICS Development Regions
- > CICS Test Regions
 - CICST CICSST54 Logon to CICS Test Region
- > TSO Production Systems
 - TSOP TSO Logon to TSO
 - TSOP5 TSO Logon to TSO (Model 5)
 - TSOPAUTO TSO Logon to TSO (Auto signon to TSO)
- > TSO Development Systems
 - TSODCST0 TSO Logon to TSO (Add ICON URL on the Toolbar)
- > VTAM USSTAB Sessions
 - VTAM VIR0021U Logon to VTAM application
 - VTAMUSS VIR0021W Logon using VTAM USSTAB
- > Other Sessions
 - Netview NETVS Logon to Netview
 - NetVPASS NETVS Logon to Netview with a RACF passticket

Tip of the Month #2

Copy-Cut-Paste

Update 5888 of Virtel v4.59 and v4.60 changes the behavior of Copy-Cut-Paste (CCP) with Chrome, Firefox, and Edge. It makes CCP work the same way it does with Internet Explorer. Virtel's online documentation has been updated accordingly.

The screenshot shows a yellow background with a list of navigation links: "VWA Tool bar icons", "Keys and Function key management", and "Copy, Cut and Paste facilities". Below these links, there is a section titled "Copy-Paste mode button under all browsers except Internet Explorer:". It features a red-bordered box containing two buttons: "Copy-Paste," and "Copy Append-Paste Continue,". Below the box, there are two more buttons: "Copy-Paste (remaining data)," and "Copy Append-Paste Continue (remaining data)".

How to copy, cut or paste with VWA in browsers other than Internet Explorer

In Virtel Web Access (VWA for short), whatever the browser, the current use of Copy-Paste is done by the two shortcuts CTRL+C and CTRL+V. Cut is done with the shortcut CTRL+X. Under MAC OS, the CTRL key can be replaced by CMD key.

Before using CTRL+C, CTRL+V or CTRL+X, you must define a rectangular area.

In the majority of cases, this rectangular area is naturally defined by the user using his mouse.

If you want to be more precise in the selection, refer to the section [How to define the rectangular area.](#)

Of course, the maximum size selectable will be limited to **the maximum screen size 3270**.

To fully understand how the Copy/Paste actions work, it is important to keep in mind the limitation of the size of the 3270 screen visible in the browser compared to the data, that the clipboard of the operating system that hosts the browser, may contain.

It is also necessary to distinguish between copying data from a 3270 screen **TO** the clipboard from copying **from** clipboard **TO** a 3270 screen.

IPv6/IPv4 Support

Virtel 4.60 supports concurrent IPv4/IPv6 connections. Its General Availability (GA) release is scheduled on March 1st, 2021 for both z/OS and z/VSE.

Virtel GUI IDE Redevelopment Update

The redevelopment of the Virtel GUI IDE is continuing, and is on schedule so far:

- SysperTec beta test will take place in the U.S. during Q2 2021.
- Customer beta test should take place with a yet TBD U.S. customer during Q3 2021.
- General availability should be in Q4 2021.

The current Virtel GUI IDE supports basic field to widget conversion, but the user interface is outdated, and the list of supported widget needs to be expanded. It also doesn't provide user-friendly redesign of the GUI pages layout, as it currently requires web development skills.

The new IDE will support both expanded field to widget conversion and GUI page layout redesign in a user-friendly (WYSIWYG) user interface that won't require web development skills.

SysperTec has developed a survey to collect from prospective UI modernization customers their requirements and expectations for the new IDE. Please contact Lori Kettles (lori.kettles@sdsusa.com) or Patrick Fournier (patrick.fournier@syspertec.us) to answer our survey. Your input will be highly appreciated.

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 4.59 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.

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 4.59 - W2H-DIR/SCE-DIR Update

UPDT5888 is a cumulative maintenance for all files stored in W2H-DIR/SCE-DIR directories with a Virtel 4.59 product installation.

5822	BACKSPACE AND KEYPAD +-
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
5835	SCREEN PRESENTATION AND LANGUAGE SUPPORT CHANGES
5841	VWA MACROS FIX IE11
5843	SCREEN CAPTURE AND PASTE BY TYPING FIX
5844	NEW COLOR PALETTE IN DISPLAY STYLE “CLASSIC”
5848	TOOLBAR AND SETTINGS CORRECTION
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 CAPPMENU BLOCKS
5882	VTAM APP PRINT NO LONGER WORKS FIX PRINT FEATURE
5888	CAPPMENU, CUT COPY PASTE ENHANCEMENTS, INDPANEL UPDATES

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 Upgrades 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@sypertec.us. Stay safe. See you next time.