SDS VIRTEL NEWSLETTER
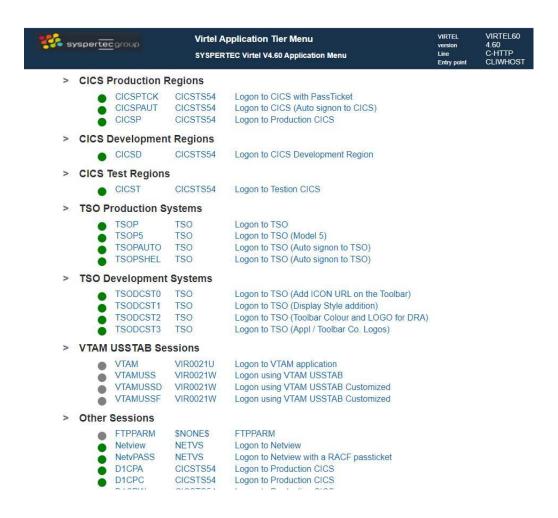
December 2020 Edition

Tip of the Month #1

Application Tier Menu

Virtel V4.59 and V4.60 feature a new application tier menu whose look and ergonomics – when combined with SSO and web browsers multi-tab/multi-instance capability – provide a functionality like that of third-party session managers. In an upcoming version due by yearend 2020, the tier menu sections will collapse or expend when clicking on the section headers. Replacing third-party session managers with Virtel's integrated session management facility will eliminate the associated licensing and support costs.

Tip of the Month #2

To automatically pass user credentials (user-id and password) to a TSO session using a TIOA, update the TSO transaction or create a new one with the following parameters:

      Logon message → &U
      TIOA at logon   → TSO/E LOGON&/W&'11C9C3'&P&/A

```
 TRANSACTION DETAIL DEFINITION -------------------- Applid: VIRTELDC 10:14:20

 Internal name ===> CLI-11                    To associate with an entry point name
 External name ===> TSO                       Name displayed on user menu
 Description    ===> Logon to TSO Pass USERID/Password
 Application    ===> TSO          Option  ===>
 PassTicket    ===> 0  Name ===>              0=no 1=yes 2=unsigned
 Application type   ===> 1                     1=VTAM 2=VIRTEL 3=SERV 4=PAGE 5=LINE
 Pseudo-terminals   ===> CLVTA                 Prefix of name of partner terminals
 Logmode         ===>                          Specify when LOGMODE must be changed
 How started     ===> 1                        1=menu 2=sub-menu 3=auto
 Security        ===> 1                        0=none 1=basic 2=NTLM 3=TLS 4=HTML
 H4W commands ?  ===>                          0=no 1=yes 2=if2VIRTEL 4=auto
 Logon message   ===> &U

 TIOA at logon      ===> TSO/E LOGON&/W&'11C9C3'&P&/A

 TIOA at logoff     ===>

 Initial Scenario   ===>                       Final Scenario      ===>
 Input Scenario     ===>                       Output Scenario     ===>
```

Concurrent iPV4/IPV6 Support

SysperTec has developed concurrent IPV4/IPV6 support. For Virtel connections Beta testing is in progress. General availability is planned for end of January 2021.

Virtel Web Modernization

SysperTec is in the process of redesigning, and will soon start redeveloping, their Virtel GUI IDE.

The current IDE supports basic field to widget conversion, but the user interface is outdated, and the list of supported widget needs to be expanded. The current IDE also doesn't provide user-friendly redesign of the GUI pages layout: 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 ask prospective Virtel Web Modernization customers about their requirements and expectations for the new IDE.

Please contact Lori Kettles (lori.kettles@sdsusa.com or Patrick Fournier (patrick.fournier@sypertec.us) to participate in this survey. Your input is greatly appreciated.

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.

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.

PTF5719	DECLARE$: PROBLEM WITH SINGLE QUOTES
PTF5703A	Corrects 5703 DECLARE$ on DRK fields
PTF5703	DECLARE$ on DRK fields

Virtel Web Access v459 maintenance level for W2H-DIR / SCE-DIR directories

UPDT5841 is a cumulative maintenance update to Virtel 4.59.

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 colour palette in Display Style "Classic"

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

UPDT5833 is a cumulative maintenance update to Virtel 4.58.

5803	FTP V1.1 New Feature 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.

z/OS Upgrades Support

Virtel v4.56 thru v4.59 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. Happy New Year & be safe.