



VSo4 – z/VSE Hints & Tipps

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Themen

- CICS Explorer
 - Download
 - Installation
 - Konfiguration
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 - Dateien
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- z/VSE V6 – Bestellung
- Shopz - my licensed software
- z/VSE V6.x
- Subcapacity Reporting Tool
 - SCRT V25.1
- Es gibt viel zu tun!

Download

- Suchen: <https://developer.ibm.com/mainframe/products/downloads/eclipse-tools/>
Oder <https://www-03.ibm.com/systems/z/os/zvse/products/cics.html>
- Zustimmung
- Herunterladen
- Entpacken
- Aufrufen

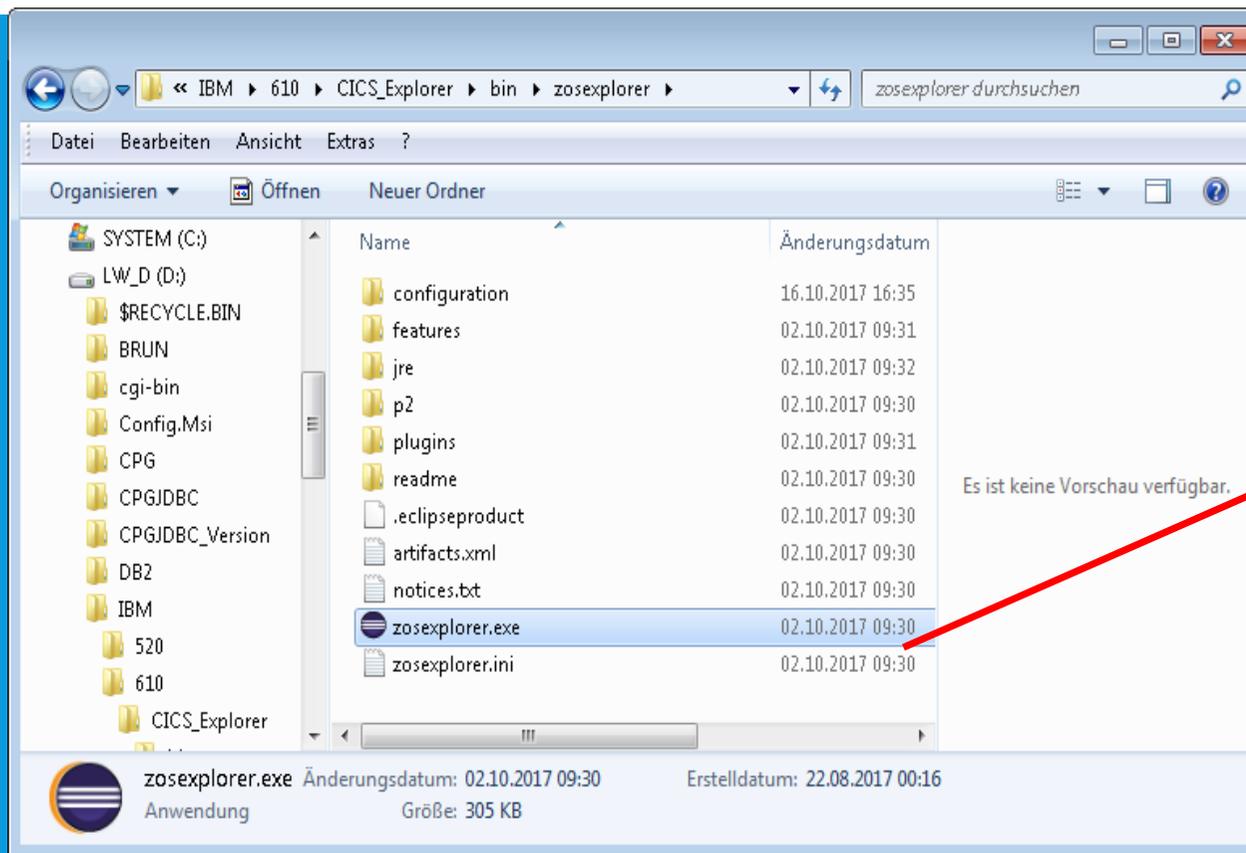
Eclipse Neon V4.6

Install Options	Windows (32-bit)	Windows (64-bit)	Linux (32-bit)	Linux (64-bit)	MacOS (64-bit)
IBM Explorer for z/OS V3.1					
IBM CICS Explorer V5.4					

Download

The screenshot shows a web browser window with a 'Software License Agreement' page. The page content includes a paragraph of German text and two buttons: 'Anerkennen' and 'Ablehnen'. The 'Anerkennen' button is circled in red. Below the buttons is a language selection dropdown menu set to 'Deutsch [de]'. In the foreground, a Windows download bar is visible, showing a file named 'cicsexplorer-aqua-5.4.2-win32-x86_64.zip' with a progress bar and the text '10 m verbleibend — 25,4 von 434 MB (730 KB/s)'. The download bar is also circled in red, and a blue arrow points from the 'Anerkennen' button to the download bar.

Entpacken - Verknüpfung auf dem Desktop - Aufrufen



Konfiguration 1

- Das Skeleton SKCEXCSD in ICCF Library 59 anpassen und submitten
- Es muss der TCPIPService CMCIT angelegt werden.

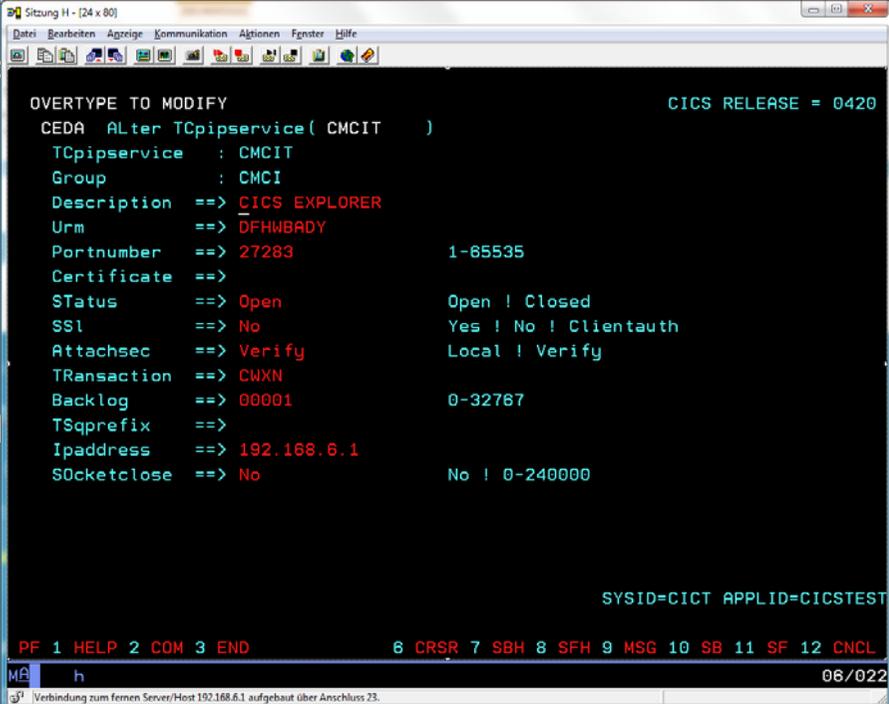
▪ **Achtung:** Der TCPIPService funktioniert nur, wenn im TCPIP
Adresse des VSE's angelegt wird. → IPINITxx.L .

▪ **DEFINE NAME,NAME=ZVSE610,IPADDR=192.168.6.1**

▪ DCT:

▪ EYUPARM DFHDCT TYPE=SDSCI, ... CICS EXPLORER PARAM

▪ COPR DFHDCT TYPE=EXTRA, ... CICS EXPLORER INPUT



```
Sitzung H1 - [24 x 80]
Datei Bearbeiten Anzeige Kommunikation Aktionen Fenster Hilfe
OVERTYPE TO MODIFY                                CICS RELEASE = 0420
CEDA ALter TCpipservice( CMCIT )
TCpipservice  : CMCIT
Group         : CMCIT
Description   ==> CICS EXPLORER
Urm           ==> DFHWBADDY
Portnumber    ==> 27283           1-85535
Certificate   ==>
Status        ==> Open           Open ! Closed
SSL           ==> No             Yes ! No ! Clientauth
Attachsec     ==> Verify         Local ! Verify
Transaction   ==> CWXN
Backlog       ==> 00001          0-32767
TSqprefix     ==>
Ipaddress     ==> 192.168.6.1
S0cketclose   ==> No             No ! 0-240000

SYSID=CICIT APPLID=CICSTEST

PF 1 HELP 2 COM 3 END           6 CRSR 7 SBH 8 SFH 9 MSG 10 SB 11 SF 12 CNCL
MA h                               08/022
Verbindung zum fernen Server/Host 192.168.6.1 aufgebaut über Anschluss 23.
```

Konfiguration 2

- Die Sequentielle Datei EYUPARM anlegen und im CICS Start definieren
 - // DLBL EYUPARM,'EYUPARM.FILE',0,SD
 - // EXTENT SYS075,--V001--,1,0,--V002--,--V003—
 - // ASSGN SYS075,DISK,VOLID=--V001--,DISP=SHR
- Die EDSA Size für den CICS Start sollte mindestens **25 MB** betragen.
- Die Phase DFHCNV sollte definiert, umgewandelt und mit Newcopy aktiviert werden.
- Es werden die Gruppen SMSSEYU und CMCI hinzugefügt und einer Startliste angefügt. (z.B. VSELST₂)
- Die CEDA Gruppe DFH\$WBSN muss bei der Start Liste aktiviert werden. (z.B. VSELST₂)

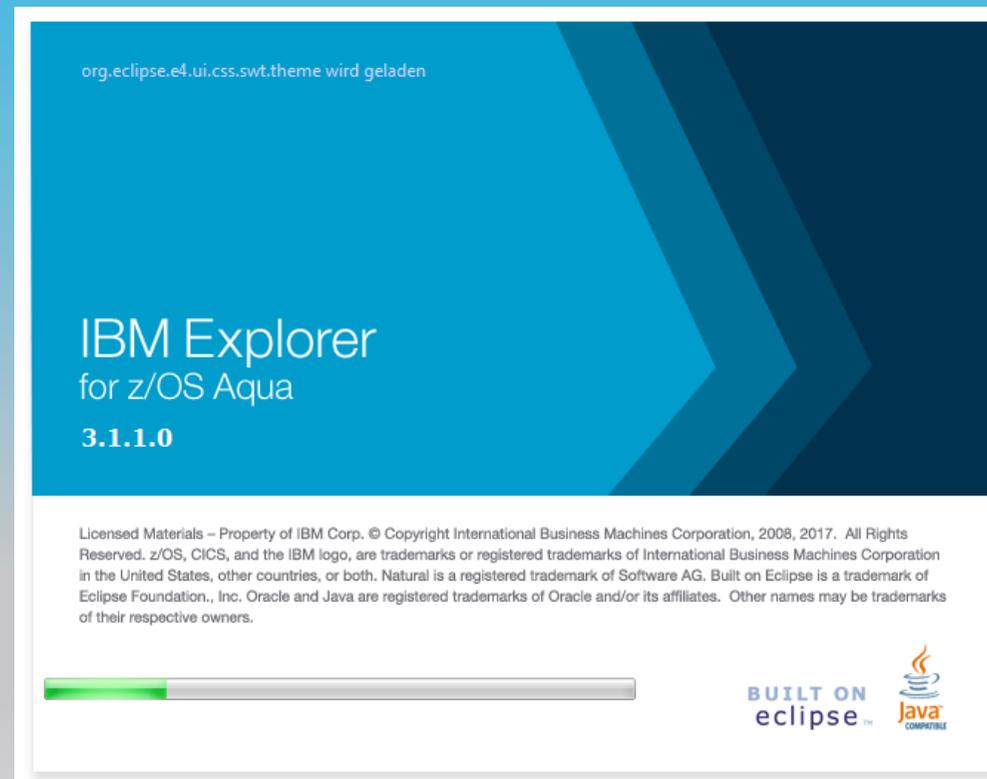
Start im CICS TS 2.1 Server Partition

- Die Transaktion **CORM** muss in der CICS Partition gestartet werden, damit der CICS Explorer Server zu starten. Mit **COSH** kann der CICS Explorer Server beendet werden.
- Dann kann die Eclipse Umgebung mit dem CICS Explorer gestartet werden.
- CICS Explorer ist das GUI für CICS TS 2.1 und gewährt einen Einblick in die aktuell laufenden Ressourcen.
- Alles ist bestens dokumentiert in:

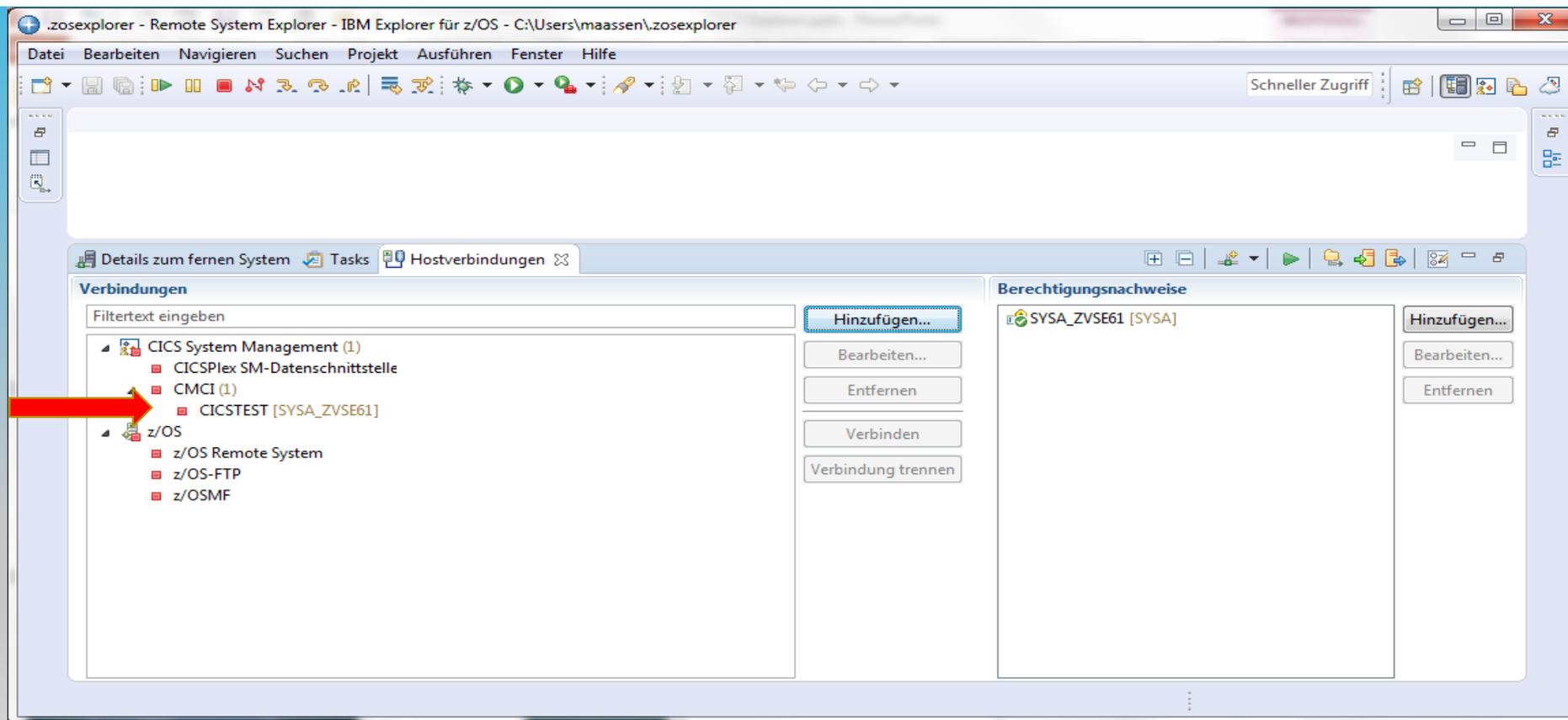
IBM CICS Transaction Server for z/VSE
Version 2 Release 1

Enhancements Guide

Start CICS Explorer



Verbindung CICS Explorer erstellen



Verbindung CICS Explorer erstellen

Verbindung bearbeiten für CMCI

Verbindung bearbeiten für CMCI
Geben Sie den Host, Port und zusätzliche Details für die neue Verbindung an

Name:

Lokation

Hostname:

Portnummer: Sichere Verbindung (TLS/SSL)

?

Benutzer für CICS Explorer erstellen

Berechtigungsnachweise bearbeiten

Berechtigungsnachweise bearbeiten

⚠ Kennwörter werden auf Ihrem Computer in einer Datei gespeichert, auf welche unbefugter Zugriff zwar schwierig, doch nicht unmöglich ist.

Benutzername und Kennwort

Name der Berechtigungsnachweise: SYSZ_ZVSE61

Benutzer-ID: SYSZ

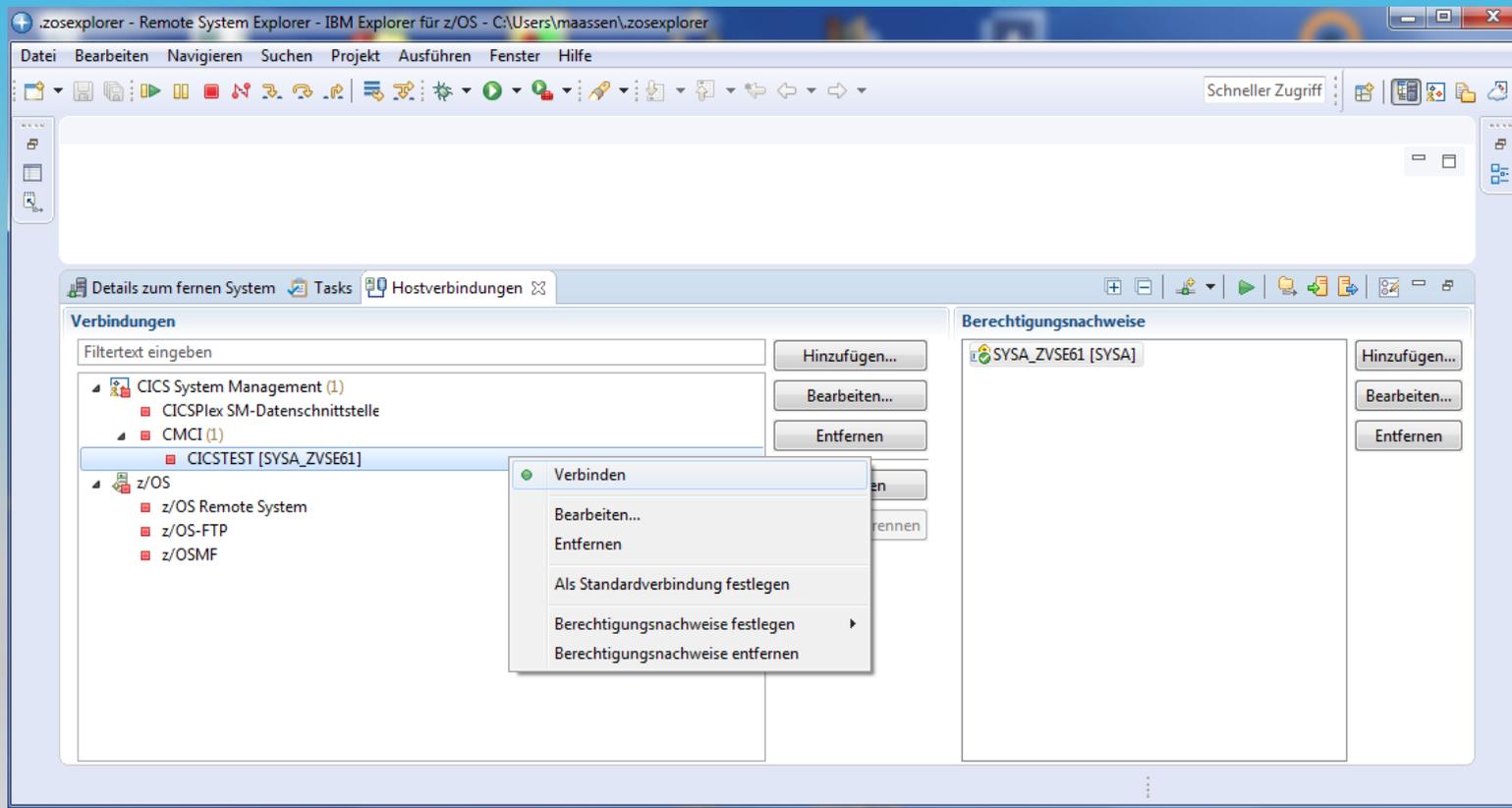
Kennwort oder Kennphrase: ●●●●

Kennwort speichern ⚠

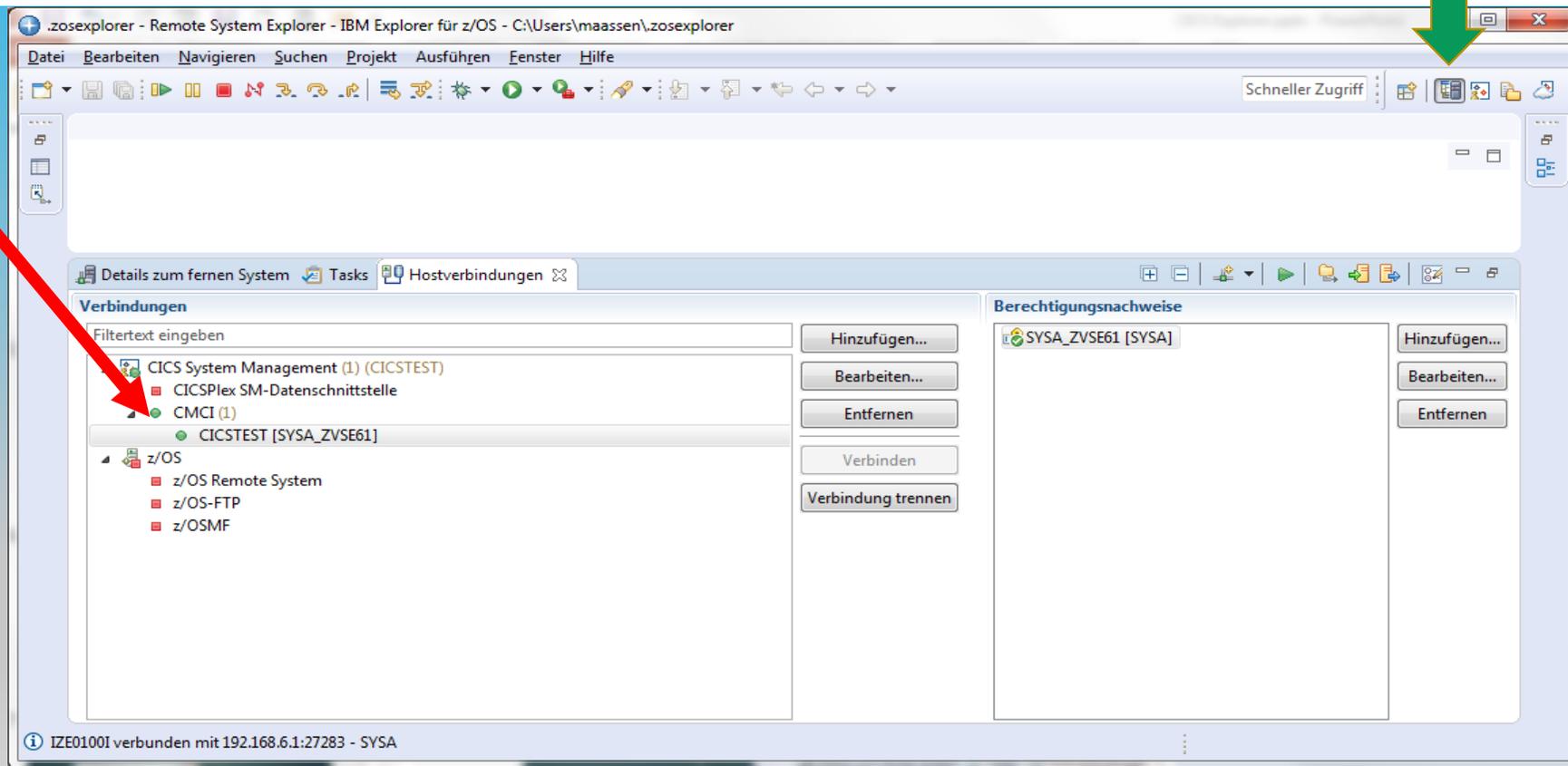
?

OK Abbrechen

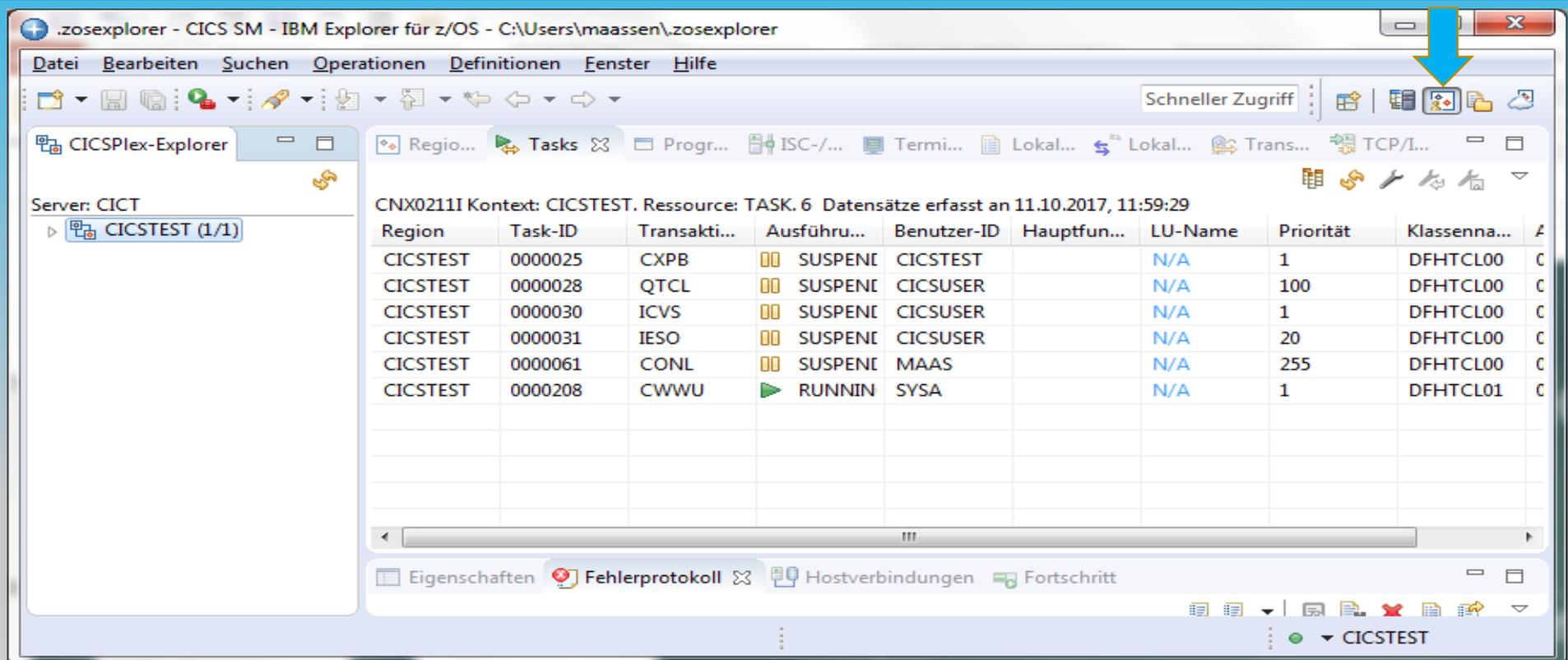
Verbinden CICS Explorer



Ist CICS Explorer verbunden?



Anzeige Transaktionen (CEMT I TASK)



The screenshot shows the zosexplorer application window. The title bar reads ".zosexplorer - CICS SM - IBM Explorer für z/OS - C:\Users\maassen\.zosexplorer". The menu bar includes "Datei", "Bearbeiten", "Suchen", "Operationen", "Definitionen", "Fenster", and "Hilfe". The toolbar contains various icons, with a blue arrow pointing to the "Tasks" icon. The left pane shows "CICSplex-Explorer" with "Server: CICT" and "CICSTEST (1/1)" selected. The main pane displays a table of transactions for "CNX0211I Kontext: CICSTEST. Ressource: TASK. 6 Datensätze erfasst an 11.10.2017, 11:59:29".

Region	Task-ID	Transakti...	Ausführu...	Benutzer-ID	Hauptfun...	LU-Name	Priorität	Klassenna...	A
CICSTEST	000025	CXPB	██ SUSPENE	CICSTEST		N/A	1	DFHTCL00	C
CICSTEST	000028	QTCL	██ SUSPENE	CICSUSER		N/A	100	DFHTCL00	C
CICSTEST	000030	ICVS	██ SUSPENE	CICSUSER		N/A	1	DFHTCL00	C
CICSTEST	000031	IESO	██ SUSPENE	CICSUSER		N/A	20	DFHTCL00	C
CICSTEST	000061	CONL	██ SUSPENE	MAAS		N/A	255	DFHTCL00	C
CICSTEST	0000208	CWWU	▶ RUNNIN	SYSA		N/A	1	DFHTCL01	C

The bottom status bar shows "Eigenschaften", "Fehlerprotokoll", "Hostverbindungen", and "Fortschritt". The task name "CICSTEST" is visible in the bottom right corner.

Anzeige Terminals (CECI INQ TERM Start | Next ..)

The screenshot shows the zosexplorer application window. The 'Terminals' tab is active, displaying a table of terminal data. A red arrow points to the 'Terminals' tab in the top navigation bar.

Regionen Tasks Progra... ISC-/M... Terminals Lokale ... Lokale ... Transak... TCP/IP-...

Server: CICT
CICSTEST (1/1)

CNX0211I Kontext: CICSTEST. Ressource: TERMNL. 168 Datensätze erfasst an 11.10.2017, 12:00:11

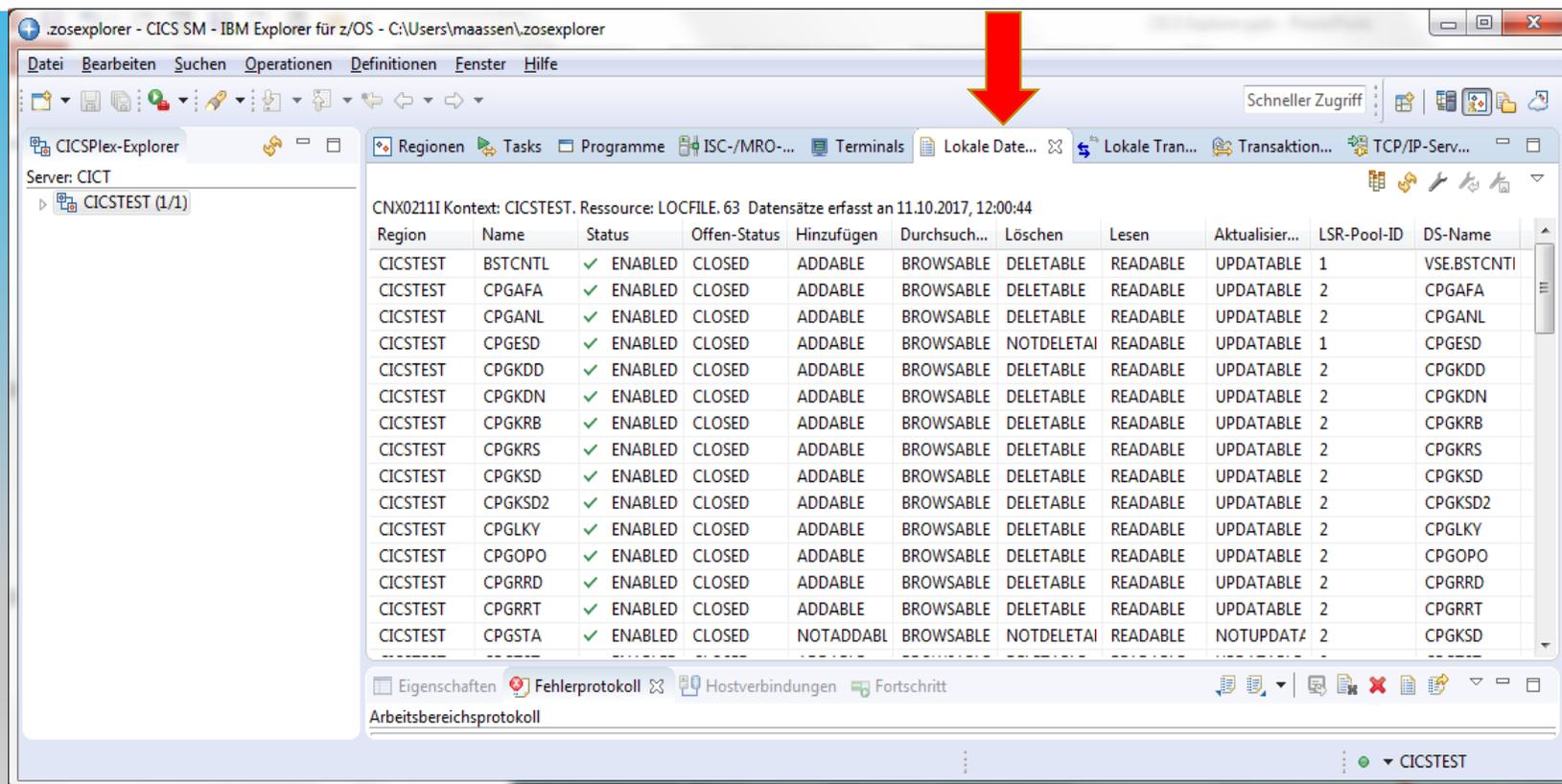
Region	Name	Netzname	Anforderu...	Servicesta...	ATI-Status	TTI-Status	Sitzungst...	Benutzer-ID	Transaktio...
CICSTEST	CO20		NOTAPPLIC	INSERVICE	ATI	TTI	NOTAPPLIC	CNSL	
CICSTEST	D040	TELNU40	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	D041	TELNU41	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	IC		NOTAPPLIC	INSERVICE	ATI	TTI	NOTAPPLIC	CNSL	
CICSTEST	IESA		NOTAPPLIC	INSERVICE	ATI	TTI	NOTAPPLIC	CICSUSER	
CICSTEST	LA01	TELN1941	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	LA02	TELN1942	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	LA03	TELN1943	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	LU04	TELNU04	ACQUIRED	INSERVICE	ATI	TTI	CREATE	MAAS	
CICSTEST	L028	LTNEL028	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	L128	LTNEL128	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	L141	LATNL141	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	L142	LATNL142	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	L143	LATNL143	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	
CICSTEST	L191	LATNL191	RELEASED	INSERVICE	ATI	TTI	CREATE	CICSUSER	

Eigenschaften Fehlerprotokoll Hostverbindungen Fortschritt

Arbeitsbereichsprotokoll

... CICSTEST

Anzeige Dateien (CECI INQ FILE Start | Next ..)



The screenshot shows the z/OS Explorer interface. A red arrow points to the 'Lokale Date...' tab in the top navigation bar. The main window displays a table of files for the context 'CNX02111 Kontext: CICSTEST. Ressource: LOCFILE. 63 Datensätze erfasst an 11.10.2017, 12:00:44'. The table has columns for Region, Name, Status, Offen-Status, and various permissions. The status for all files is 'ENABLED' and 'CLOSED'. The permissions include ADDABLE, BROWSABLE, DELETABLE, READABLE, and UPDATABLE. The table is sorted by Name.

Region	Name	Status	Offen-Status	Hinzufügen	Durchsuch...	Löschen	Lesen	Aktualisier...	LSR-Pool-ID	DS-Name
CICSTEST	BSTCNTL	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	1	VSE.BSTCNTL
CICSTEST	CPGAFA	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGAFA
CICSTEST	CPGANL	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGANL
CICSTEST	CPGESD	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	NOTDELETAI	READABLE	UPDATABLE	1	CPGESD
CICSTEST	CPGKDD	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGKDD
CICSTEST	CPGKDN	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGKDN
CICSTEST	CPGKRB	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGKRB
CICSTEST	CPGKRS	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGKRS
CICSTEST	CPGKSD	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGKSD
CICSTEST	CPGKSD2	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGKSD2
CICSTEST	CPGLKY	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGLKY
CICSTEST	CPGOPO	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGOPO
CICSTEST	CPGRRD	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGRRD
CICSTEST	CPGRRT	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGRRT
CICSTEST	CPGSTA	✓ ENABLED	CLOSED	NOTADDABL	BROWSABLE	NOTDELETAI	READABLE	NOTUPDATA	2	CPGSTA

Dateien öffnen / schließen (CEMT SET FILE (CPGWRK) CLOSE)

The screenshot shows the zosexplorer interface with a table of files. The file CPGWRK is selected, and a context menu is open. A red arrow points to the 'Datei schließen' option. Another red arrow points to the 'Warten' option in the sub-menu.

Region	Name	Status	Offen-Stat...	Hinzufügen	Durchsuc...	Löschen	Lesen	Aktualisier...	LSR-Pool-ID	DS-Name
CICSTEST	CPGTST	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGTST
CICSTEST	CPGWKL	✓ ENABLED	OPEN	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGWKL
CICSTEST	CPGWKV	✓ ENABLED	OPEN	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGWKV
CICSTEST	CPGWRK	✓ ENABLED	OPEN	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	CPGWRK
CICSTEST	CPGWRK1	✓ ENABLED				DELETA	READABLE	NOTUPDAT	2	CICSFS.CPGV
CICSTEST	CPGWRK2	✓ ENABLED				DELETA	READABLE	NOTUPDAT	2	CICSFS.CPGV
CICSTEST	DBA89	✓ ENABLED							2	HEIMB.DBA4
CICSTEST	DBE42	✓ ENABLED							2	HEIMB.DBE4
CICSTEST	DFHCSD	✗ UNENAB							1	CICS.CSD
CICSTEST	EZACACH	✓ ENABLED							1	
CICSTEST	EZACONF	✓ ENABLED							1	
CICSTEST	FILEA	✓ ENABLED							1	CICSTS11.SA
CICSTEST	IESCNTL	✓ ENABLED							1	VSE.CONTRC
CICSTEST	IESPRB	✓ ENABLED				DELETA	READABLE	UPDATABLE	1	CICSFS.ONLI
CICSTEST	IESROUT	✓ ENABLED							1	CICSFS.MES!
CICSTEST	IESTRFL	✓ ENABLED				DELETA	READABLE	NOTUPDAT	1	CICSFS.TEXT
CICSTEST	INWFILE	✓ ENABLED							1	PC.HOST.TR
CICSTEST	LWFILEF	✓ ENABLED	CLOSED	NOTADDABI	BROWSABLE	NOTDELETA	READABLE	NOTUPDAT	2	CPGESD
CICSTEST	MQFCNFG	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	7	MQSERIES.M
CICSTEST	MQFERR	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	0	MQSERIES.M
CICSTEST	MQFI001	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	1	MQSERIES.M
CICSTEST	MQFI002	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	2	MQSERIES.M
CICSTEST	MQFI003	✓ ENABLED	CLOSED	ADDABLE	BROWSABLE	DELETABLE	READABLE	UPDATABLE	3	MQSERIES.M

Anzeige Transaktionen (CECI INQ TRANs Start | Next . .)

The screenshot shows the z/OS Explorer interface. The left pane displays the server 'CICSTEST' and the region 'CICSTEST (1/1)'. The main pane shows a table of transactions for region 'CICSTEST' with context 'CICSTEST' and resource 'LOCTRAN.739'. The table lists various transactions with columns for Region, Name, Status, Availability, Usage, Program, Priority, Transaction Name, Deletability, Storage, and Routing. A red arrow points to the 'Lokale Tran...' tab in the top right of the main pane.

Region	Name	Status	Verfügbar...	Nutzungsz...	Programm	Priorität	Transaktio...	Löschbarkeit	Speicherau...	Routing
CICSTEST	QSCI	ENABLED	N/A	0	CPGTCIS	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSCS	ENABLED	N/A	0	CPGTCIS	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD	ENABLED	N/A	0	QSFONL	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSDP	ENABLED	N/A	0	CPGTDMP	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD1	ENABLED	N/A	0	QSFUP1	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD2	ENABLED	N/A	0	QSFUP2	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD3	ENABLED	N/A	0	QSFUP3	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD4	ENABLED	N/A	0	QSFUP4	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD5	ENABLED	N/A	0	QSFUP5	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSD6	ENABLED	N/A	0	QSFUP6	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSF	ENABLED	N/A	0	QSFONL	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSFN	ENABLED	N/A	0	QSFULN	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSF1	ENABLED	N/A	0	QSFUP1	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC
CICSTEST	QSF2	ENABLED	N/A	0	QSFUP2	100	DFHTCL00	PURGEABLE	TRANDUMP	STATIC

Anzeige Transaktionen (CECI INQ TRANS Start | Next . .)

The screenshot shows the CICSPlex-Explorer interface. The main window displays a table of transactions for region CICSTEST. A context menu is open over the row with program QSFONL, showing options like 'Öffnen', 'Zusammengehörige öffnen', 'Schnellfilter hinzufügen', 'Kopieren', 'Verwerfen', 'Aktivieren', and 'Inaktivieren'. A red arrow points from the left side of the screen to the 'Zusammengehörige öffnen' option.

Region	Name	Status	Verfügbar...	Nutzungs...	Programm	Priorität	Transakti...	Löschbark...	Speich...
CICSTEST	QSCI	ENABLED	N/A	0	CPGTCSIS	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSCS	ENABLED	N/A	0	CPGTCSI	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD	ENABLED	N/A	0	QSFONL	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSDP	ENABLED	N/A	0	CPGTDMP	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD1	ENABLED	N/A	0	QSFUP1	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD2	ENABLED	N/A	0	QSFUP2	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD3	ENABLED	N/A	0	QSFUP3	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD4	ENABLED	N/A	0	QSFUP4	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD5	ENABLED	N/A	0	QSFUP5	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSD6	ENABLED	N/A	0	QSFUP6	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSFONL	ENABLED	N/A	0	QSFONL	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSEILN	ENABLED	N/A	0	QSEILN	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSFUP2	ENABLED	N/A	0	QSFUP2	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSFUP3	ENABLED	N/A	0	QSFUP3	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSFUP4	ENABLED	N/A	0	QSFUP4	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSFUP5	ENABLED	N/A	0	QSFUP5	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	QSFUP6	ENABLED	N/A	0	QSFUP6	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	CPGTMAN	ENABLED	N/A	0	CPGTMAN	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	CPGTPCA	ENABLED	N/A	0	CPGTPCA	100	DFHTCL00	PURGEABLE	TRANI
CICSTEST	CPGTPPA	ENABLED	N/A	0	CPGTPPA	100	DFHTCL00	PURGEABLE	TRANI

Anzeige zugehöriges Programm

The screenshot shows the zosexplorer interface with the following components:

- Left Panel:** Server: CICT, CICSTEST (1/1)
- Table:** List of programs with columns: Region, Name, Status, Verfügbar..., Nutzungs..., Programm.
- Right Panel:** Attribute view for QSFONL (Programm) with a table of Name, CICS-Name, and Wert.

Table Data:

Region	Name	Status	Verfügbar...	Nutzungs...	Programm
CICSTEST	QSCI	ENABLED	N/A	0	CPGTCIS
CICSTEST	QSCS	ENABLED	N/A	0	CPGTCIS
CICSTEST	QSD	ENABLED	N/A	0	QSFONL
CICSTEST	QSDP	ENABLED	N/A	0	CPGTDMP
CICSTEST	QSD1	ENABLED	N/A	0	QSFUP1
CICSTEST	QSD2	ENABLED	N/A	0	QSFUP2
CICSTEST	QSD3	ENABLED	N/A	0	QSFUP3
CICSTEST	QSD4	ENABLED	N/A	0	QSFUP4
CICSTEST	QSD5	ENABLED	N/A	0	QSFUP5
CICSTEST	QSD6	ENABLED	N/A	0	QSFUP6
CICSTEST	QSF	ENABLED	N/A	0	QSFONL
CICSTEST	QSFN	ENABLED	N/A	0	QSFULN
CICSTEST	QSFX	ENABLED	N/A	0	QSFNCO
CICSTEST	QSF1	ENABLED	N/A	0	QSFUP1
CICSTEST	QSF2	ENABLED	N/A	0	QSFUP2
CICSTEST	QSF3	ENABLED	N/A	0	QSFUP3
CICSTEST	QSF4	ENABLED	N/A	0	QSFUP4
CICSTEST	QSF5	ENABLED	N/A	0	QSFUP5
CICSTEST	QSF6	ENABLED	N/A	0	QSFUP6
CICSTEST	QSMN	ENABLED	N/A	0	CPGTMAN
CICSTEST	QSPC	ENABLED	N/A	0	CPGTPCA
CICSTEST	OSPP	FNARI FD	N/A	0	CPGTPPA

Attribute Table:

Name	CICS-Name	Wert
Grundeinstellungen		
Abrufzeit	FETCHTIME	?
Aktuelle Speicherposition	CURRENTLOC	?
Anzahl Abrufe	FETCHCNT	?
Anzahl Entfernungen	REMOVECNT	?
Anzahl gleichzeitige Nutzungen	RESCOUNT	0
Anzahl NEWCOPYs	NEWCOPYCNT	?
Anzahl Nutzungen im Integritätsbereich	USEAGELSTAT	?
Ausführungsschlüssel	EXECKEY	USEREXECKEY
Ausführungsset	EXECUTIONSET	FULLAPI
CEDF-Status	CEDFSTATUS	CEDF
CICS-Release	EYU_CICSREL	V420
COBOL-Typ	COBOLTYPE	NOTAPPLIC
Eingangspunkt	ENTRYPOINT	FF000000
Ferner Name	REMOTENAME	
Fernes System	REMOTESYSTEM	
Haltestatus	HOLDSTATUS	NOTAPPLIC
Ladepunkt	LOADPOINT	FF000000
LPA-Status	LPASTAT	NOTAPPLIC
Länge	LENGTH	0
Name	PROGRAM	QSFONL
NEWCOPY-Status	COPY	NOTREQUIRED
Nutzungszähler	USECOUNT	0
Programmtyp	PROGTYPE	PROGRAM

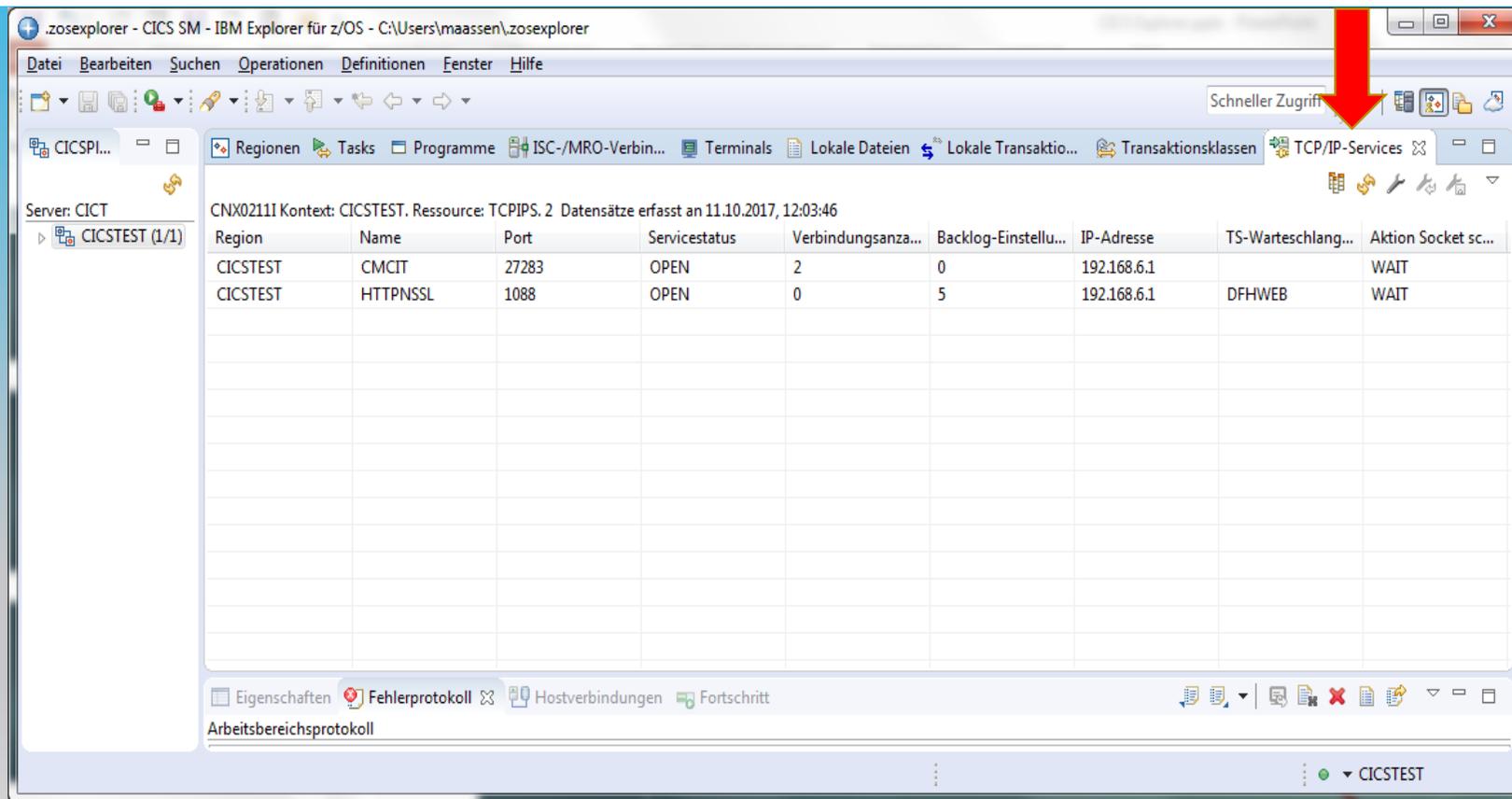
Anzeige TCLASS (CEMT ITCLASS)

The screenshot shows the zosexplorer interface for CICS SM. The main window displays a table of transaction classes (TCLASS) for the CEMT ITCLASS. The table has the following columns: Region, Name, Max. Anzahl aktiver Transak..., Aktive Transaktionen, Spitzenwert aktiver Transak..., and Häufigkeit für Erreichen der... The data is as follows:

Region	Name	Max. Anzahl aktiver Transak...	Aktive Transaktionen	Spitzenwert aktiver Transak...	Häufigkeit für Erreichen der...
CICSTEST	DFHCOMCL	10	0	0	0
CICSTEST	DFHEDFTC	10	0	0	0
CICSTEST	DFHTCL01	1	1	1	27
CICSTEST	DFHTCL02	1	0	0	0
CICSTEST	DFHTCL03	1	0	0	0
CICSTEST	DFHTCL04	1	0	0	0
CICSTEST	DFHTCL05	1	0	0	0
CICSTEST	DFHTCL06	1	0	0	0
CICSTEST	DFHTCL07	1	0	0	0
CICSTEST	DFHTCL08	1	0	0	0
CICSTEST	DFHTCL09	1	0	0	0
CICSTEST	DFHTCL10	1	0	0	0
CICSTEST	IESMD	10	0	0	0

The interface also shows a menu bar (Datei, Bearbeiten, Suchen, Operationen, Definitionen, Fenster, Hilfe) and a toolbar. The 'Transaktionsklassen' tab is selected, and a red arrow points to it. The status bar at the bottom shows 'Arbeitsbereichsprotokoll' and 'CICSTEST'.

TCPIP SERVICES (CEMT ITCPIPS)



The screenshot shows the z/OS Explorer interface for a CICS SM environment. The 'TCP/IP-Services' tab is active, displaying a table of services. A red arrow points to the 'Schneller Zugriff' (Quick Access) toolbar icon for this tab.

Server: CICT
CNX02111 Kontext: CICSTEST. Ressource: TCPIPS. 2 Datensätze erfasst an 11.10.2017, 12:03:46

Region	Name	Port	Servicestatus	Verbindungsanza...	Backlog-Einstellu...	IP-Adresse	TS-Warteschlang...	Aktion Socket sc...
CICSTEST	CMCIT	27283	OPEN	2	0	192.168.6.1	DFHWEB	WAIT
CICSTEST	HTTPNSL	1088	OPEN	0	5	192.168.6.1	DFHWEB	WAIT

Arbeitsbereichsprotokoll

Programme Anzeigen (CECI INQ PROG Start | Next ..)

Server: CICT

Regionen Tasks **Programme** ISC-/MR... Terminals Lokale Da... Lokale Tr... Indirekte ... Transakti... Warteschl... TCP/IP-S...

CNX0211I Kontext: CICS TEST. Ressource: PROGRAM. 2590 Datensätze erfasst an 16.10.2017, 16:38:06

Name	Status	Nutzungszähler	Status gemeinsa...	CEDF-Status	NEWCOPY-Status	Speicherort	Ladepunkt	Sprache
QCFTCP	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QCFTCPMA	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QCFTCPML	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QCFTDAT	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QCFTFAST	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QCFTHOST	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QCFTPRG	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QDFPRG	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QDFPRT	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QFFDIS	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QFFGEN	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QIPABND	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QJPDRU	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QIPPRG	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QIPPWQ	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER
QIPPWV	✓ ENABLED	1	PRIVATE	CEDF	NOTREQUIRED	N/A	00680000	ASSEMBLER
QIDWV	✓ ENABLED	0	PRIVATE	CEDF	NOTREQUIRED	N/A	FF000000	ASSEMBLER

Eigenschaften Fehlerprotokoll Hostverbindungen Fortschritt

Arbeitsbereichsprotokoll

Filtertext eingeben

Nachricht

Plug-in

CICSTEST

Programme Details

Name	CICS-Name	Wert
Grundeinstellungen		
Abrufzeit	FETCHTIME	?
Aktuelle Speicherposition	CURRENTLOC	?
Anzahl Abrufe	FETCHCNT	?
Anzahl Entfernungen	REMOVECNT	?
Anzahl gleichzeitige Nutz	RESCOUNT	0
Anzahl NEWCOPYs	NEWCOPYCNT	?
Anzahl Nutzungen im Inte	USEAGELSTAT	?
Ausführungsschlüssel	EXECKEY	CICSEXECKEY
Ausführungssset	EXECUTIONSET	FULLAPI
CEDF-Status	CEDFSTATUS	CEDF
CICS-Release	EYU_CICSREL	V420
COBOL-Typ	COBOLTYPE	NOTAPPLIC
Eingangspunkt	ENTRYPOINT	FF000000
Ferner Name	REMOTENAME	
Fernes System	REMOTESYSTEM	
Haltestatus	HOLDSTATUS	NOTAPPLIC
Ladepunkt	LOADPOINT	FF000000
LPA-Status	LPASTAT	NOTAPPLIC
Länge	LENGTH	0
Name	PROGRAM	QCFTCPIP
NEWCOPY-Status	COPY	NOTREQUIRED
Nutzungszähler	USECOUNT	0
Programmtyp	PROGTYPE	PROGRAM
Region	EYU_CICSNAME	CICSTEST
RPL-Nummer	RPLID	?
Speicherpostion der Dater	DATALOCATION	BELOW
Spiegeltransaktion	TRANSID	
Sprache	LANGUAGE	ASSEMBLER
Status	STATUS	ENABLED
Status gemeinsame Nutzu	SHARESTATUS	PRIVATE

TS Queues (CECI INQ TSQUEUE Start | Next ..)

zosexplorer - CICS SM - IBM Explorer für z/OS - C:\Users\maassen\zosexplorer

Server: CICT

CN0211I Kontext: C1CSTEST. Ressource: TSQNAME. 14 Datensätze erfasst an 16.10.2017, 16:42:00

Region	Name	Warteschlangenposition	Anzahl der Elemente	Gesamtlänge der Wartesch...	Länge des größten Elem...	Länge des kleinsten Ele...
C1CSTEST	QPWA	MAIN	1	256	256	256
C1CSTEST	QPWA	MAIN	1	256	256	256
C1CSTEST	<QPWA	MAIN	1	256	256	256
C1CSTEST	SSSPWDSS	AUXILIARY	1	64	64	64
C1CSTEST	*\$*QSF*\$	AUXILIARY	1	1280	1280	1280
C1CSTEST	*QPWAUT*	MAIN	3	192	64	64
C1CSTEST	DF01F6EA	AUXILIARY	1	64	64	64
C1CSTEST	DF01F6EB	AUXILIARY	1	64	64	64
C1CSTEST	DF01F6EC	AUXILIARY	1	64	64	64
C1CSTEST	IEOPADDQ	MAIN	1	64	64	64
C1CSTEST	IES LOGQ	AUXILIARY	15	54976	3904	2048
C1CSTEST	LU04TPTC	AUXILIARY	1	320	320	320
C1CSTEST	TPSN	MAIN	1	128	128	128
C1CSTEST	TPSNFIND	MAIN	1	64	64	64

Arbeitsbereichsprotokoll

Nachricht: CNX0611I: PHASEIN für Programm "QPGRAMN" in "C1CSTEST" ausführen erfolgreich

Plug-in: com.ibm.cics.eclipse.common

Datum: 16.10.17

Themen

- CICS Explorer
 - Download
 - Installation
 - Konfiguration
- CICS Explorer Beispiele
 - Programme
 - Dateien
 - Transaktionen
- z/VSE V6 – Bestellung
- Shopz - my licensed software
- z/VSE V6.x
- Subcapacity Reporting Tool
 - SCRT V25.1
- Es gibt viel zu tun!

Themen

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- Es gibt viel zu tun!

z/VSE V6 – Bestellung

- Geplante Verfügbarkeit von z/VSE V6.2: **1. Dezember 2017**
 - Ab da wird z/VSE V6.1 nicht mehr ausgeliefert !

→ Wer noch z/VSE V6.1 bestellen will, muss sich beeilen!

- Support für IBM z10 EC / BC

Bei z/VSE V6 brauchen Sie **neue Lizenzen** für

- z/VSE V6.x (5686-VS6)
- CICS TS for z/VSE V2.x (5655-VSE)

Und wer TCP/IP for VSE von CSI über die IBM lizenziert hat, braucht auch neue Lizenzen für

- **IBM TCP/IP for z/VSE V2.x (5686-CS1) Application Pak Feature**
- **IBM TCP/IP for z/VSE V2.x (5686-CS1) General Print Server (GPS) Feature (optional)**

z/VSE V6 – Bestellung

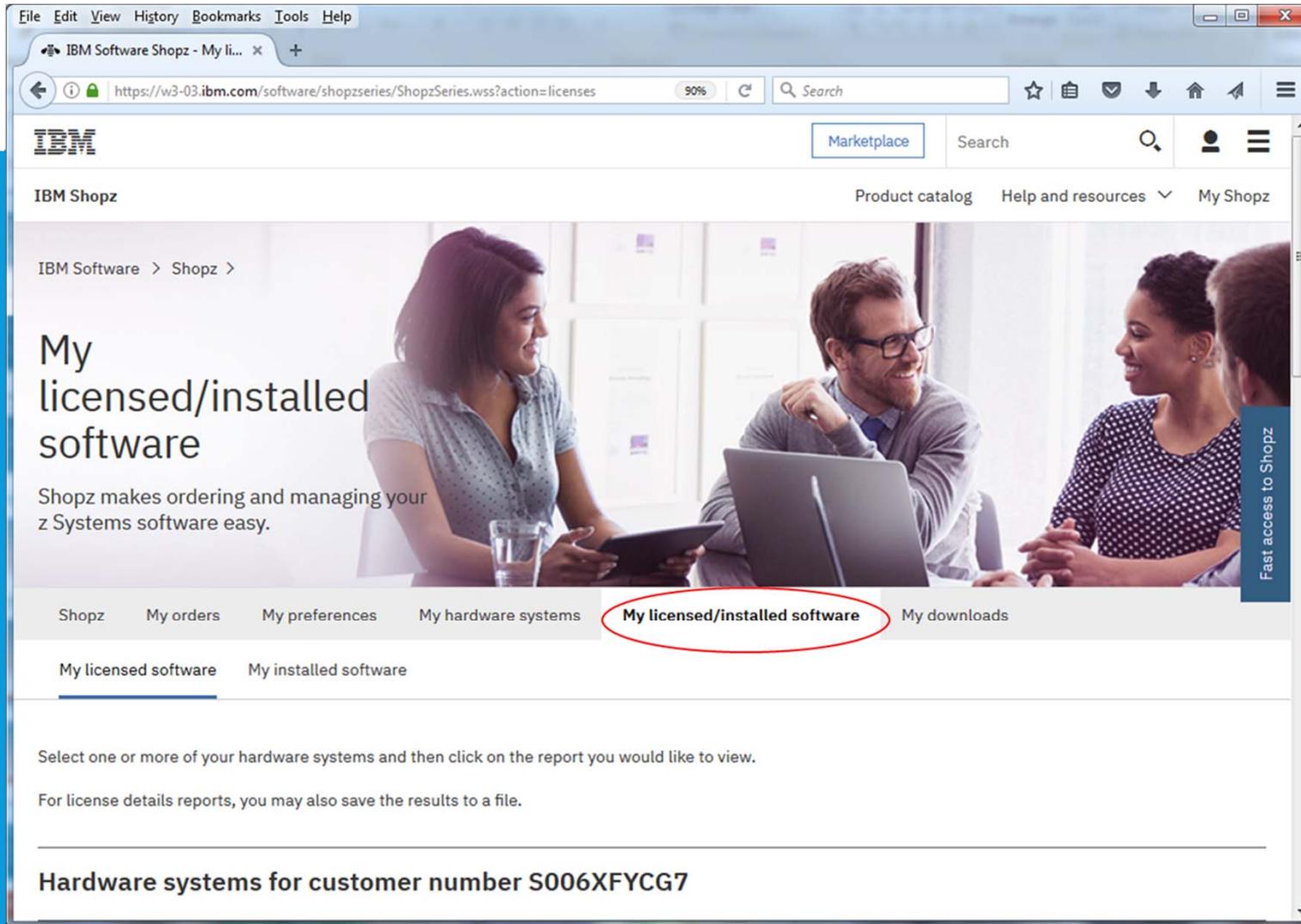
The image displays three sequential screenshots of the IBM Software Shopz web application, illustrating the steps to place an order for z/VSE V6.

Screenshot 1 (Left): Shows the main navigation menu. The "My orders" link is circled in red. Below the navigation, the "Group" dropdown is set to "IBM DEUTSCHLAND GMBH-999703". Under the "My orders" section, the first bullet point, "create new software orders for service or products," is circled in red.

Screenshot 2 (Middle): Shows the product selection screen. The "z/VSE - Products" radio button is selected. A "Continue" button is visible at the bottom.

Screenshot 3 (Right): Shows the "Step 3 of 7" configuration screen. The "Group" dropdown is set to "VSE - All (48 Products)" and is circled in red. The "View: only include licensed products?" checkbox is unchecked. A red box with an arrow points to this checkbox, containing the text: "Nicht anklicken, wenn neue Lizenzen benötigt werden". A "Show catalog" button is also present.

Shopz – My licensed software



File Edit View History Bookmarks Tools Help

IBM Software Shopz - My li... x +

https://w3-03.ibm.com/software/shopzseries/ShopzSeries.wss?action=licenses 90%

Marketplace Search

IBM Shopz Product catalog Help and resources My Shopz

IBM Software > Shopz >

My licensed/installed software

Shopz makes ordering and managing your z Systems software easy.

Shopz My orders My preferences My hardware systems **My licensed/installed software** My downloads

My licensed software My installed software

Select one or more of your hardware systems and then click on the report you would like to view.

For license details reports, you may also save the results to a file.

Hardware systems for customer number S006XFYCG7

Fast access to Shopz

Shopz – My licensed software

The screenshot displays the IBM Software Shopz interface for 'My licensed software'. The page is divided into three main sections:

- Navigation and Overview:** Includes the IBM logo, 'IBM Shopz' header, and a breadcrumb trail 'IBM Software > Shopz >'. The main heading is 'My licensed/installed software', followed by a sub-header 'Shopz makes ordering and installing z Systems software easy.' Below this are tabs for 'Shopz', 'My orders', and 'My products', with 'My licensed software' selected.
- Software License Overview:** A table listing software licenses. The first row is partially visible with a license ID '2098838EF83'. Below the table are two buttons: 'Save the license details in CSV format' and 'Save the license details in PDF format'. A text prompt asks: 'Is the software license overview or details for your selected software? If not, please explain(maximum 1000 chars) and click the Save button.'
- Software License Details:** A detailed view of a software license, showing a table with the following data:

Program no./Entitlement ID	Description	SW Serial Lic. eff. Date
5648054	CICS TS for VSE/ESA	
S00LRRW	CICS TS for VSE/ESA	Y000003 2013-10-01
5648099	DITTO/ESA FOR VSE	
S001808	DITTO/ESA FOR VSE	Y000006 2013-10-01
S001809	DITTO/ESA FOR VM	Y000006 2013-10-01
5648AE2	IBM Wave for z/VM	

Shopz – My licensed software

SW license information for system

Program no./ entitlement ID	Serial number	License eff. date	Program description	Pricing metric	Charge option	License type	Level qty	Measure
5648054	Y000003	2013-10-01	CICS TS for VSE/ESA					
S00LRRW			CICS TS for VSE/ESA	MWLC	MLC	BASIC	88	N/A
5648099	Y000006	2013-10-01	DITTO/ESA FOR VSE					
S001808			DITTO/ESA FOR VSE	MWLC	MLC	BASIC	88	N/A

z/VSE V6.x

- **Migration auf z/VSE V6.2 von**
 - z/VSE V5.x, V4.x, ... → Neuinstallation erforderlich (wie bei z/VSE V6.1)
 - z/VSE V6.1 → Fast Service Upgrade (FSU) möglich
- Beachten Sie die Installationshinweise
- **Neue Product-Keys** für **IBM TCP/IP for z/VSE V2.x** – Produkte
- Erfahrungen mit z/VSE V6.1 und FSU mit z/VSE V6.2

SCRT V25.1

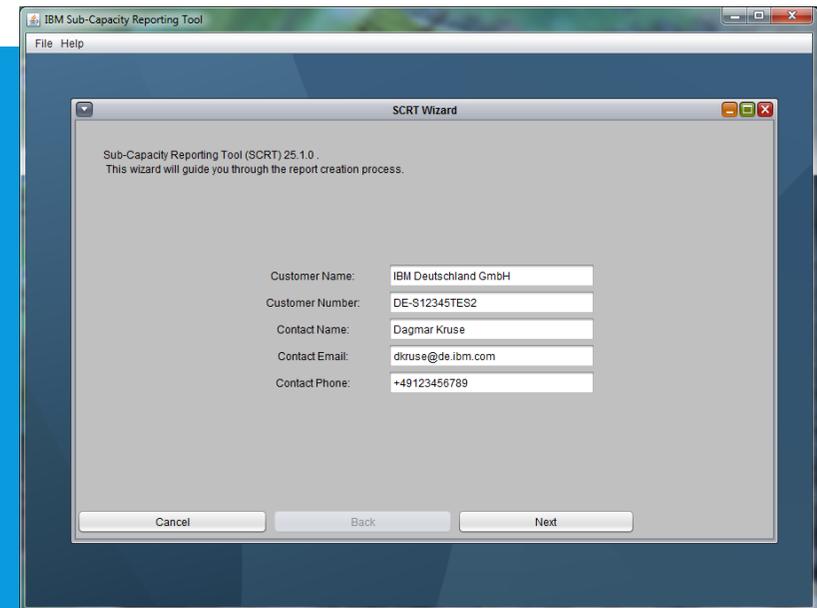
Subcapacity Reporting Tool (SCRT) V25.1

- ab 10. Oktober 2017 verfügbar (s. E-Mail von LMSnews)
- läuft nur im **Java Environment** mit GUI und Command Line Interface (CLI) auf z/OS, Windows und Linux
- **Dokumentation:** u. a.
 - IBM Sub-Capacity Reporting Tool (SCRT) Current Levels:
<https://www.ibm.com/common/ssi/cgi-bin/ssialias?htmlfid=ZSL03435USEN>
 - SCRT User Guide: <https://www.ibm.com/common/ssi/cgi-bin/ssialias?htmlfid=ZSL03022USEN>
 - Differences in Missing Data messages between SCRT Classic and SCRT V25 Sub-Capacity Reports
<http://www.ibm.com/common/ssi/cgi-bin/ssialias?htmlfid=ZSL03473USEN>

SCRT V25.1

- Einfache Migration von SCRT V24.12:
 - SCRT V25.1 in das gleiche Verzeichnis überinstallieren
 - GUI (scrt.exe) läuft sofort mit neuer Version
 - CLI (scrtc.exe):
 - Sample Dateien `scrt-cli.bat` / `.sh` werden ausgetauscht
 - Im V25.1 sind sie erweitert und wesentlich verbessert worden!

→ nehmen Sie die V25.1 Samples und fügen Ihre Anpassungen ein.



SCRT V25.1

- im November müssen damit die SCRT-Reports erstellt werden
- Unterschiede in den "Missing Data" –Abschnitten
Abschnitt H5 (DETAIL DATA COLLECTION)

==H5=====				
DETAIL DATA COLLECTION				
	SYSID	Input Data Start	Input Data End	Report Period % Data
PROD(VSE250)	VSEP	02.04.17 00:00	02 May 2017 - 00:00	100.0%
PROD(ZVSE01)	ZV01	02.04.17 00:00	02 May 2017 - 00:00	100.0%
PROD(ZVSE02)	ZV02	02.04.17 00:00	02 May 2017 - 00:00	100.0%
CPC		02.04.17 00:00	02 May 2017 - 00:00	100.0%

wurde durch H4 und H5 ersetzt:

H4 : MISSING LPAR DATA DETAILS

(listet auf, wenn Mismatch mit SMF-Records → haben wir nicht im z/VSE)

H6 : MISSING CPC DATA DETAILS (listet auf , wann Messzeiten fehlen)

- und in Abschnitt C5 wird nicht mehr „% Data Collected for z/VSE“ ausgewiesen

==H4=====
MISSING LPAR DATA DETAILS
All expected data collected
==H6=====
MISSING CPC DATA DETAILS
All expected data collected

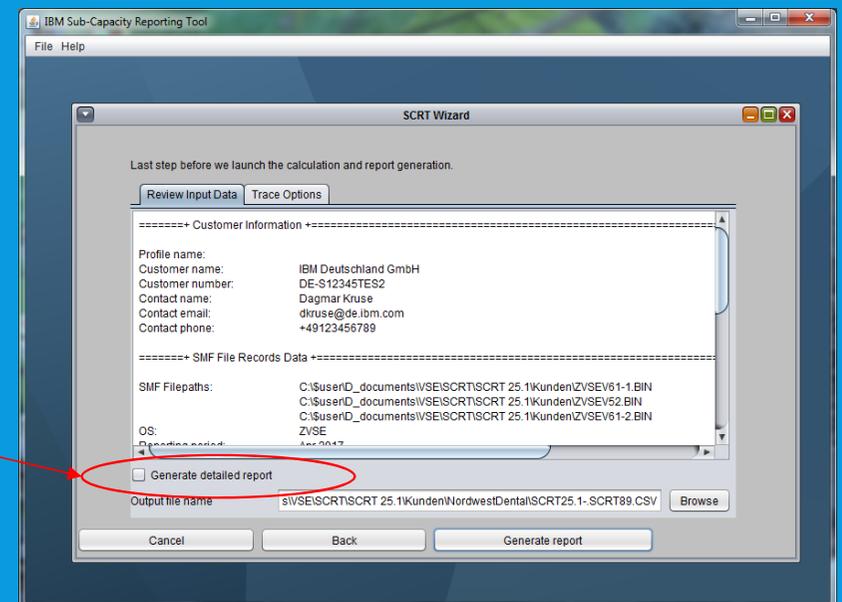
SCRT V25.1

- Wie viele Messdaten wo gesammelt wurden, kann man auch in Abschnitt Q5 ablesen:

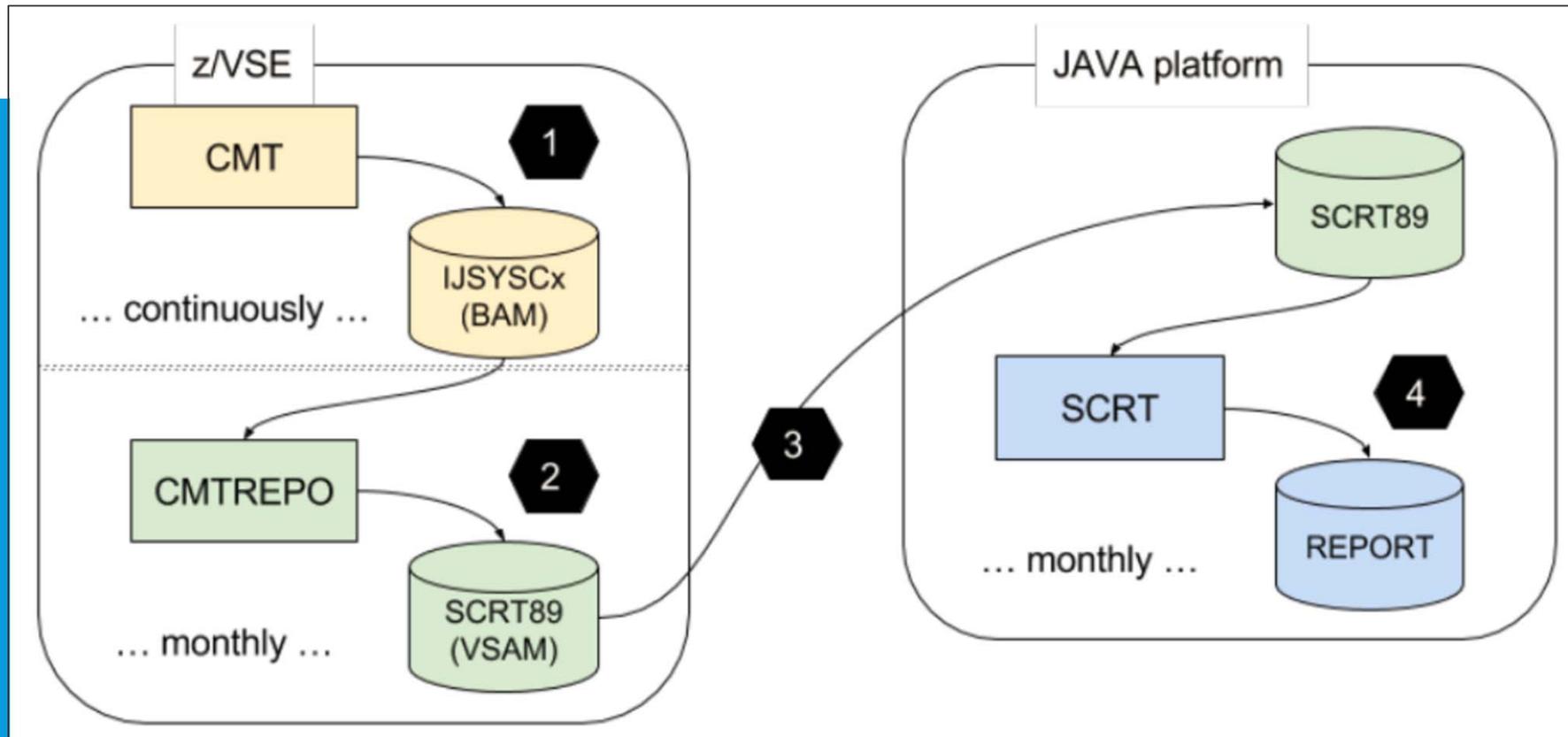
==Q5=====					
PRODUCT GRID SNAPSHOT					
Product Name	Product ID		PROD(VSE250)	PROD(ZVSE01)	PROD(ZVSE02)
z/VSE	(All)		100.0%	100.0%	100.0%
z/VSE V6	5686-VS6			100.0%	100.0%
z/VSE V5 (Central Functions V9)	5686-CF9		100.0%		
ACF/VTAM V4 VSE/ESA	5686-065		100.0%	100.0%	100.0%
CICS TS for z/VSE	(All)		100.0%	100.0%	100.0%
CICS TS for z/VSE V2	5655-VSE			100.0%	100.0%
CICS TS for VSE/ESA	5648-054		100.0%		

SCRT V25.1

- Detailed Report ist **nicht** für VSE- Kunden relevant.
 - wird in **Abschnitt V5** (MOBILE/ZCAP PRICING DETAILED DATA) aufgelistet
 - sehr lange Liste
- Im CLI per Default ausgeschaltet
- im GUI per Default an,
aber kann ausschalten werden



SCRT Überblick



Automatisierung von Schritt 4 ist mit SCRT CLI möglich

Es gibt viel zu tun!

End of Service (EoS)-Termine

→ Migration auf

02. November 2017: SCRT-Report Tool V24.x → SCRT-Report Tool V25.1 (Java)

31. Dezember 2017: z/VM V5.4.0
z/VM V6.3.0

→ z/VM V6.4.0

auf IBM System z114, z194 und höher

31. Oktober 2018: z/VSE V5.2:

→ z/VSE V6.x
Neuinstallation



Haben Sie Fragen?

**Vielen Dank
für Ihre Aufmerksamkeit !**



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