

TSSC/IMC v9.5.x Fix List

TSSC/IMC code level 9.5.8 replaces previous code levels 9.4.10, 9.4.14 and 9.4.21.

Since TSSC/IMC may get updated from 7.x, 8.x or 9.x level of code, please review not only the 9.5.8 specific changes and improvements, yet also those already provided in prior code level as needed.

Changes introduced with TSSC/IMC v9.5.8 (March 2024)

Note: To update TSSC/IMC from any code level v9.3.x and below to v9.5.8 these systems must install TSSC/IMC patch 'Prep9_4Install' first to allow successful installation of v9.5.8. The patch is not required when updating from any v9.4.x to v9.5.8.

- Implemented new challenge/response functionality

The screenshot displays two parts of the TSSC/IMC interface. The top part is a 'Request a challenge response' form. It has three tabs: 'Enhanced access' (selected), 'Service access', and 'Support access'. The form fields are: 'Serial Number' with value 'i2XW212', 'Challenge' with value '6S9S-5MSS-NZBU-ZBQY', and 'Description' with value 'remote access for CSP case TS012345678'. The bottom part is a 'Challenge/Response succeeded' confirmation screen. It displays the following information: 'Response' is 'ANNG-YEZM-GEKW-5THXU-YX8U-XGB6-QWRL', 'Access level' is 'Enhanced access', 'Time' is '2024-03-20 01:24:48', 'Requesting user' is 'stefan.lehmann@us.ibm.com', 'Requesting user short id' is 'slehmann', 'Request for' is 'None', 'Request for user short id' is empty, 'Description' is 'remote access for CSP case TS012345678', and 'Challenge' is '6S9S-5MSS-NZBU-ZBQY'.

- Added latest Maintenance Information Manual
- Security related changes:
 - Fixed issue where Rsyslog with TLS encryption didn't work properly
 - Fixed issue where TSSC firewall improperly referenced Rsyslog port 415 instead of 514

- Fixed issue where LDAP credentials were no longer accepted after TSSC code update
Note: This fix was previously provided via TSSC patch
- Fixed issue where Call Home proxy password could be logged
- Service specific changes:
 - Improved TSSC patch installer to prevent the installation of patches for improper machine type
 - Fixed issue where default route may disappear unexpectedly
 - Fixed issue where "Connect to Attached Tape System" failed with "Permission denied"
 - Fixed issue where TSSC patch install from "Fix Acquisition Directory" failed
 - Fixed issue where AOTM interface was improperly bonded with Internal interface
- Call Home related changes:
 - Fixed issue where Call Home Event Log may contain multiple entries for single CH instance
 - Fixed issue where CSP connection test fails when client proxy requiring authentication is being used

Additional changes previously introduced with TSSC/IMC v9.4.21 (January 2024)

- Security related changes:
 - Added CallHome trace to rsyslog reporting to allow CSP case number to be recorded in client syslog server
 - Improved csrf_token cookie to be session expired
Note: This fix was previously provided via TSSC patch
 - LDAP:
 - Improved LDAP implementation to support anonymous authentication for RACF
Note: This fix was previously provided via TSSC patch
 - Fixed issue where RACF queries too long time to complete
Note: This fix was previously provided via TSSC patch
- Customer specific changes:
 - Added ability for client to defined Web UI timeout value
 - Fixed issue in System Launch Pad where launch of Web UI for attached system failed
- Call Home and Remote Access related changes:
 - Fixed issue Call Home data packages of attached systems where not sent properly to ECuRep
Note: This fix was previously provided via TSSC patch
 - Fixed issue where AOS didn't properly report connection status when a proxy requiring login is used
Note: This fix was previously provided via TSSC patch
 - Fixed issue where AOS idle timeout did not work properly
 - Fixed issue where AOS proxy configuration didn't work properly
- Service specific changes:

- Fixed issue in rsStaticUpdate where USB memory stick was not properly supported
- Fixed issue in rsStaticUpdate where install from DVD didn't have final confirmation check
- Fixed issue where rsStaticUpdate output contained 'Syntax Error' messages
- Fixed issue where Fix Acquisition didn't allow to download multiple TSSC patches
- Fixed issue where Fix Acquisition of vtd_exec didn't work properly for R5.2 Phase 1 PGA code level
- Fixed issue where Fix Acquisition didn't properly detect legacy TSSC code images
- Removed "Eject DVD" button from 'Mksysb broadcast options' for TSSC 7063-CR2
- Fixed issue where TS7700 MkSysB code broadcast could time out
Note: This fix was previously provided via TSSC patch
- Fixed issue where 'Copy USB Data for TS7700 Broadcast' failed during Frame swap
Note: This fix was previously provided via TSSC patch
- Added new right mouse click menu 'Create Hydra First Time Install Directory' for Frame swap
Note: This fix was previously provided via TSSC patch
- Fixed issue where NIMOL install improperly prompts to remove DVD
- Fixed issue where copying data from the USB for TS7700 Broadcast failed reporting 'read-only'
- Added ability to import client documentation from USB memory stick
- Fixed issue where 'Launch IBM documents' didn't properly report if none are installed
- Improved output when copying service documentation fails
- Improved TSSC Patch installer to install multiple patches in chronological order
- Fixed issue where 'Backup Library Configuration' and 'Offload User Files' could time out
- Fixed issue where serial port sessions were not terminated properly upon logout
- Changed verbiage on TSSC Web UI to report memory and DDM sizes in GB
- Fixed issue where TSSC Web UI could fail when SHA-1 is being disabled
- Fixed issue where selecting/changing disk BANK options didn't work properly in rsRasMenu
- Fixed issue where TSSC remote authentication process could hang in Grid configuration
- Fixed issue where disabling LDAP via rsRasMenu didn't work properly
Note: This fix was previously provided via TSSC patch
- Fixed issue where 'External' network interface could disconnect intermittently

Note: The behavior of bonding changed with the new release.

As a result any client using TSSC with External and AOTM adapter configured to the same subnet needs to be aware of the new behavior.

Until v9.3.x two separate IP addresses are used for External and AOTM and the system chooses between them transparently.

With v9.4.10 and above there is a single IP address which will be used transparently by either physical adapter as needed.

Note: ~65 Github Issues have been addressed in 9.5.8