

Transaction Correction Tool / Appsup role

The Horizon security design has two main groups with privileged access to the system, Belfast Operations (for operational purposes) and SSC (for data correction and support). This privilege was deliberately split between the two units to separate the roles for security purposes and prevent a single point of failure. In each case the requirement is for a distinct privileged role that would only be used when suitable change control has been raised for audit trail (not authorisation) purposes.

In the case of the BRDB there are two methods used to provide the required privileged access for the SSC:

1. The Transaction Correction Tool (BRDBX015)
2. The Oracle role Appsup

When either of these facilities are used the SSC will apply the two man rule as described in the [data correction](#) work instruction.

The Transaction Correction Tool

This tool (AKA BRDBX015) provides a packaged and audited interface to run defined data correction scripts. It is no longer well named as it has evolved to perform not only standardised and necessary financial transaction corrections, but also corrections to non-financial data.

Details of the transaction correction tool and the scripts that are available can be found in the [Host Branch Database Support Guide](#) (5.6 SCC Transaction Correction Tools). At the time of writing the following correction scripts are defined:

1. Clear Stock Unit Lock (clear_su_lock.sh)
2. Clear Rollover Lock (clear_ro_lock.sh)
3. Update Outstanding Recovery Transaction Tool (upd_rvy_txn.sh)
4. Branch & Stock Unit Financial Year Update (upd_ro_fad_fyr.sql)

Check the current version of the [Host Branch Database Support Guide](#) for up to date functionality.

Use

Whenever the SSC need to use the facilities of this tool there will be an associated Peak. The use of the tool is recorded on the Account change control system and reference for the change is recorded on the incident. This provides the required audit trail. There is no requirement for an approval process.

The Appsup Role

The standard SSC role for BRDB access (named SSC) has sufficient functionality to investigate and gather evidence. The APPSUP role has elevated privilege and can be assigned temporarily to an SSC user by Belfast Operations under approved change control, for un-envisaged ad-hoc live amendment not covered by BRDBX015.

When SSC require ad-hoc activity, compatible (insert only) but not yet covered by BRDBX015, that may be required again in the future, a Peak (or Cloned Peak) should be raised to request this functionality via the Transaction Correction Tool (BRDBX015) and directed to the BDB-Host-Dev stack.

Use

Use of the Appsup role requires explicit approval before Belfast Operations can grant access.

The current (In hours) process is:

1. SSC to contact Sec Ops - possibly by action a Peak on their team and voice prompting them
2. Sec Ops raise TfS to UNIX
3. UNIX apply rights to account
4. SSC makes amendments and confirms once complete to Sec Ops
5. Sec Ops request UNIX (via TfS) to revoke access.

Out of hours the SSC diagnostician will escalate the requirement to use Appsup to the POA DM. The POA DM can give ISD Unix permission to provide the role to the SSC.

References:

Reference Type	Value	Description
DOC	DESAPPHLD0020	Branch Database HLD
DOC	DESAPPSPG0001	Host Branch Database Support Guide
WI	WI3649S	Data corrections

WI Reference: WI3028L

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