TI REMOVALS MAP · AUG 2026

TM1 v12 — 37 TI functions removed

Grouped by why, with replacements

REMOVAL GROUP

OS interaction

`ExecuteCommand` `ExecuteJavaN` `ExecuteJavaS`

WHY

Containers isolate the engine from the host — no shell, no filesystem.

REPLACEMENT

`ExecuteHTTPRequest` for external calls. Email via Microsoft Graph API. Anything that truly needs shell access moves outside TM1 (TM1py, external orchestrator).

> **No 1-to-1 substitute. This is the hardest group to migrate.**

REMOVAL GROUP

Server lifecycle

`ServerShutdown` `SaveDataAll` `CubeSaveData` `LockOn` `LockOff` `EnableBulkLoadMode` `DisableBulkLoadMode`

WHY

The container orchestrator manages the engine now. TI doesn't drive the process.

REPLACEMENT

Save and backup are platform-managed. Bulk mode is transparent to the developer.

REMOVAL GROUP

Batch update

`BatchCellIncrement` `BatchUpdateStart` `BatchUpdateFinish`

`BatchUpdateFinishWait` `EnableBatchCellIncrement`

WHY

The transactional model changed. Batching is implicit.

REPLACEMENT

Plain TI. **`RunProcess`** improved for intra-instance parallelism.

REMOVAL GROUP

Data Reservation (CDR)

`CubeDataReservationAcquire` `CubeDataReservationGet`
`CubeDataReservationGetConflicts` `CubeDataReservationRelease`
`CubeDataReservationReleaseAll`

WHY

Concurrency model was replaced.

REPLACEMENT

Cell security or application-layer gates for write control.

REMOVAL GROUP

CAM security

`AssociateCAMIDToGroup` `RemoveCAMIDAssociation`

`RemoveCAMIDAssociationFromGroup` `AssignClientPassword`

`SwapAliasWithPrincipalName`

WHY

v12 authenticates via modern providers (Cloud Pak for Data on Software Hub; IBMid on PA as a Service). CAM is out.

REPLACEMENT

User management moves to the identity provider, outside TI.

REMOVAL GROUP

Logging, chore messages, TM1RunTI

`CubeGetLogChanges` `CubeSetLogChanges` `SetChoreVerboseMessages`

`TM1RunTI · external utility, not a TI function`

WHY

Logging centralized on the platform. No C API means no external utility can attach.

REPLACEMENT

Logs via platform observability. **`TM1RunTI`** → **`ExecuteHTTPRequest`** calling the target instance's REST API.

> **Watch out: logging can no longer be disabled per cube. Real performance cost on high-volume `CellIncrementN` workloads.**

REMOVAL GROUP

The rest

ALSO GONE FROM TI

`AllowExternalRequests` `AddInfoCubeRestriction` `CreateHierarchyByAttribute`

`RefreshMDXHierarchy` `SetOdbcUnicodeInterface` `CubeSetConnParams`

`CGAddPromptValues` `CGPromptGetNextMember` `CGPromptSize`

CreateHierarchyByAttribute → REST API. CG* = Contributor Gateway legacy.

OUTSIDE TI

SFTP → File Manager REST endpoints

TM1Web → PAW / PAfE

CLI utilities → REST API

Email → Microsoft Graph API + `ExecuteHTTPRequest`

HOW TO USE

Using this list

1 **On PA Local 2.x today**

No action needed.

2 **Writing new code for v12**

Check the relevant group before you type.

3 **Scoping a migration**

Search the codebase for each function name. Count occurrences per group. That count is your real backlog.