

Securing TWS and TDWC with Active Directory

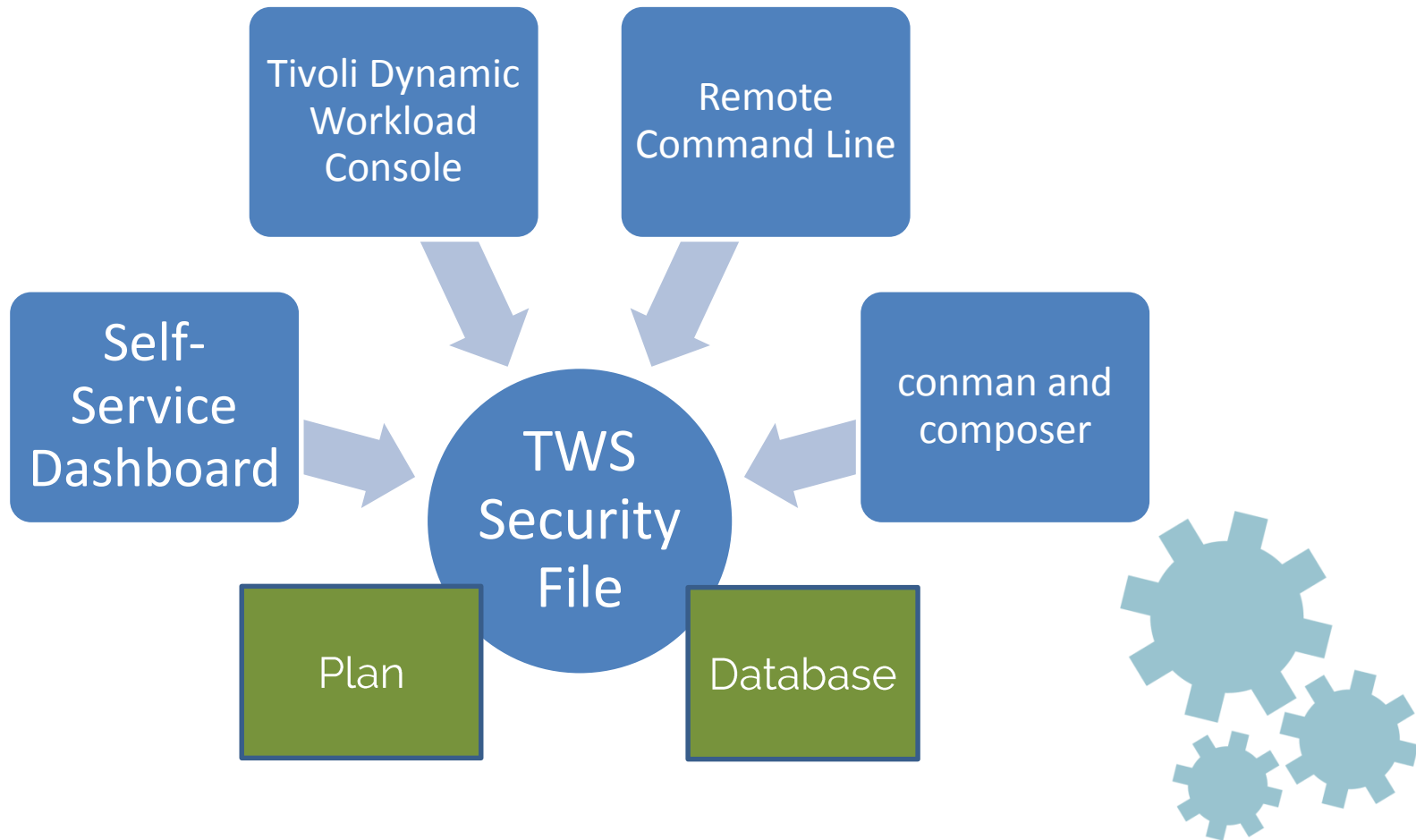
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Why Integrate TWS and TDWC with Active Directory?

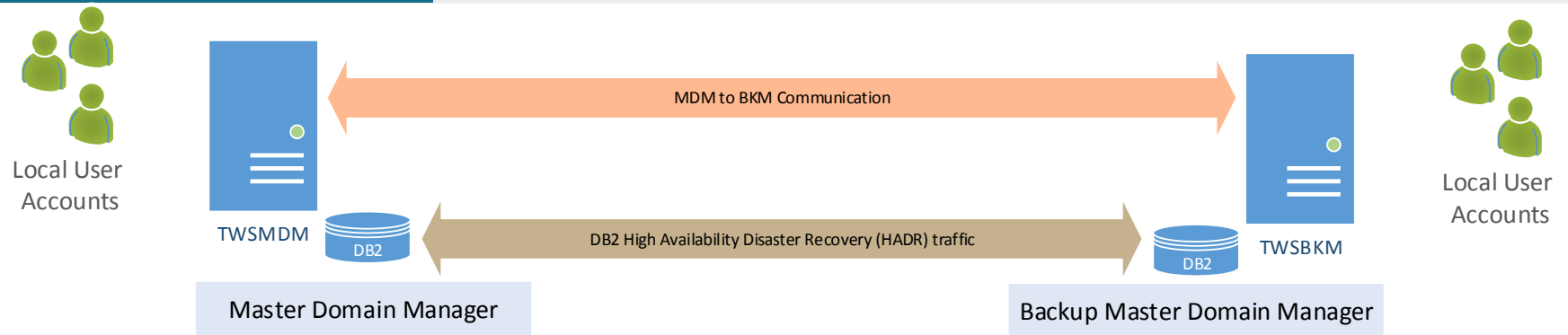
- Manage your TWS user-base more easily
- Grant or deny access to all TWS and TDWC servers with a click of a button
- Never touch your TWS security file
- Provide a consistent user experience across TDWC servers for your users
- Utilize Single Single-On (SSO) – no need to repeatedly enter passwords
- Build custom views in TDWC and publish to your teams
- IT Security will love you
- Your users will thank you



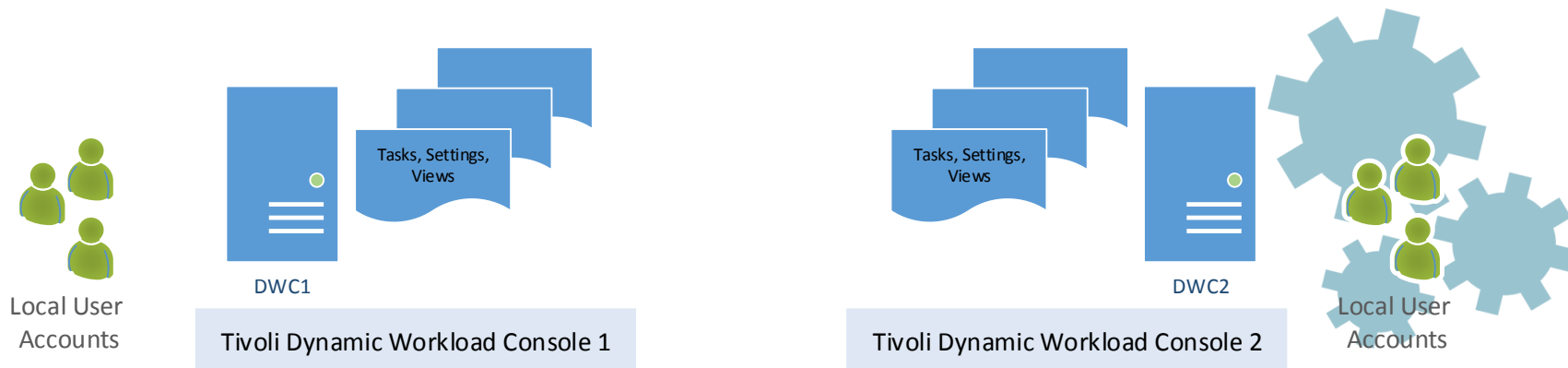
Entry points to Tivoli Workload Scheduler



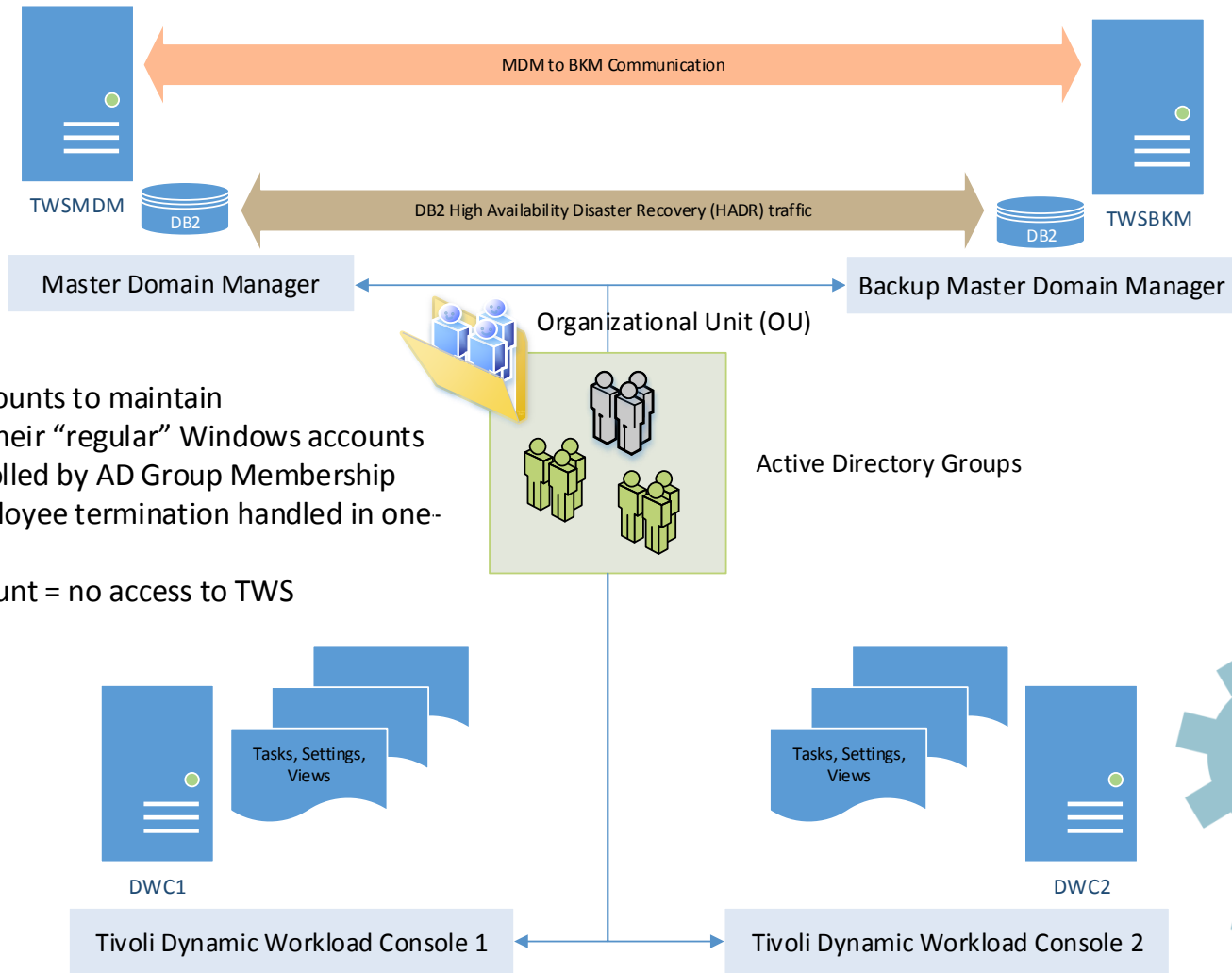
Local Operating Systems Accounts with Standalone TDWC



- Requires 4 sets of local accounts
- Additional overhead for IT Security
- Users need to keep passwords in sync across servers
- No consistency between TDWC servers

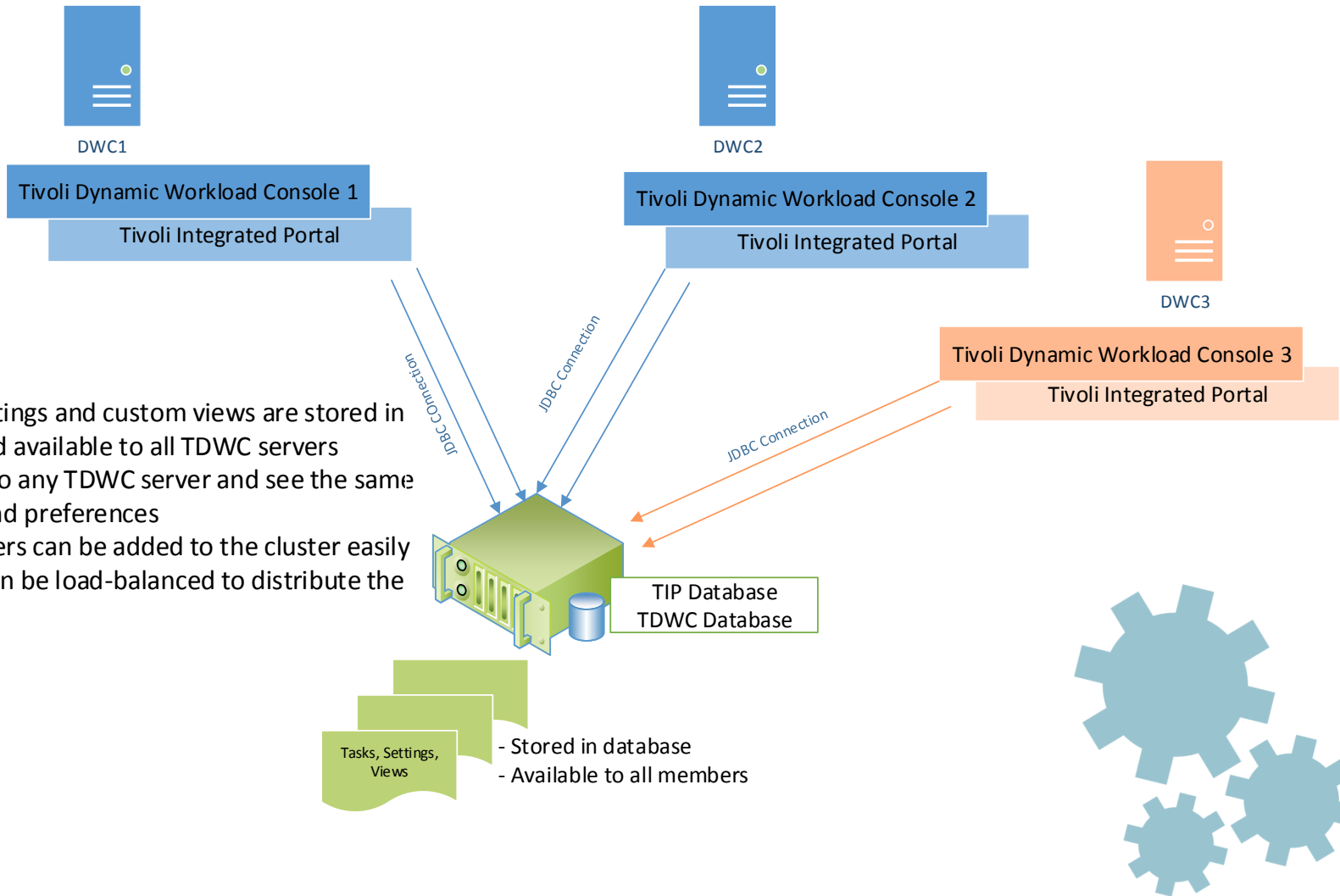


Linking TWS and TDWC to Active Directory



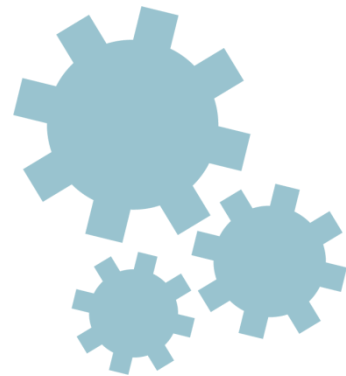
- No more local accounts to maintain
- Users log in with their “regular” Windows accounts
- TWS access controlled by AD Group Membership
- New starters/employee termination handled in one-click.
- No Windows account = no access to TWS

Clustering Tivoli Integrated Portal (TIP) and Tivoli Dynamic Workload Console (TDWC) with a shared database



- Tasks, global settings and custom views are stored in the database and available to all TDWC servers
- Users can log into any TDWC server and see the same tasks, settings and preferences
- New TDWC servers can be added to the cluster easily
- TDWC servers can be load-balanced to distribute the workload

Demo



Demo Use Case #1

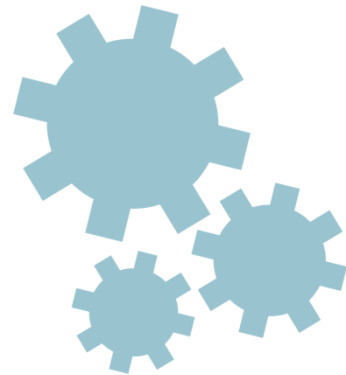
- Active Directory Group Name: **ONLINE**
 - Member: Angela Fletcher (userid: angelafletcher)
 - Member: Sandy Wilson (userid: sandywilson)

TWS access requirements:

- 1) Read-only plan access to TWS jobs and schedules prefixed ONLINE@
- 2) No visibility of database definitions at all

TDWC access:

- 1) Plan-related views of objects prefixed ONLINE@ only.
- 2) No Database-related views visible



Demo Use Case #2

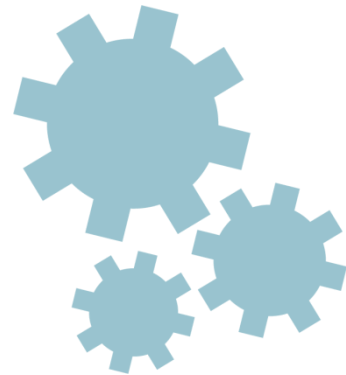
- Active Directory Group Name: **HROPS**
 - Member: John Bristow (userid: johnbristow)
 - Member: Helen James (userid: helenjames)

TWS access requirements:

- 1) Read-write access to TWS plan and database objects prefixed HR@
- 2) Cannot submit ad-hoc commands or scripts
- 3) Cannot submit predefined jobs that runs as root

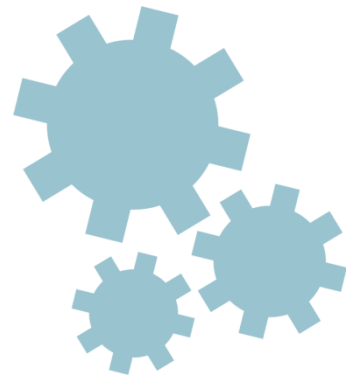
TDWC access:

- 1) View of Plan and Database objects prefixed HR@ only
- 2) No visibility of any reporting, event rules, forecasting



Demo Use Case #3

- A new starter has joined the online banking team
Grant them the same permissions and views within TDWC
- User Helen James has left the HROPS team
Revoke all access to TWS and TDWC



For further information, or to discuss a demonstration, contact Mark Delaney.

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