

Adaptive Planning

Product Summary

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Concept: Using Adaptive Planning with HCM, Financials and AP&C

For the complete Adaptive Planning documentation, see the [..../adaptive-planning/en-us/adaptive-planning.dita](#).

Workday Adaptive Planning is a cloud-based financial planning and analysis solution that you can use for:

- Financial planning.
- Sales planning.
- Workforce planning.
- Additional capabilities.

You and other users at your company access your model from a computer or mobile device using a standard web browser. Regular backups, hardware redundancy, and industry-leading data access control keep your data safe and secure.

When you use Adaptive Planning with HCM, Financials, or Adaptive Planning and Consolidation (AP&C), you can:

- Use your HCM or Financials data in your Adaptive Planning financial, headcount, and workforce plan versions.
- Publish approved Adaptive Planning financial, headcount, or workforce plan versions and make them available to Workday.
- Use Financials to budget check transactions against your published financial plans.
- Create positions in HCM using your published headcount and workforce plan versions.
- Reconcile financial transactions or actions in HCM with your published financial, headcount, or workforce plan versions so that you can compare your plan to actuals.

Your administrator can configure your sign-on experience so that you either:

- Sign on using a Workday worklet or an IdP provider. You maintain your Adaptive Planning user profile and credentials separately. You don't have access to functionalities like publishing plans.
- Sign on using SAML Single Sign-On. You don't maintain your Adaptive Planning user profile and credentials separately. We automatically sync your user profile information and credentials from Workday Core.

Related Information

Concepts

[Concept: Adaptive Planning](#)

Tasks

[Steps: Set Up Basic Adaptive Planning Model](#)

[Steps: Build OfficeConnect Reports](#)

Setup Considerations: Adaptive Planning for HCM and Financials

You can use this topic to help make decisions when planning your configuration and use of Workday Adaptive Planning with Workday HCM and Financials. It explains:

- Why to set it up.
- How it fits into the rest of Workday.

- Downstream impacts and cross-product interactions.
- Security requirements and business process configurations.
- Questions and limitations to consider before implementation.

Refer to detailed task instructions for full configuration details.

What It Is

Configure your tenants with Adaptive Planning to:

- Sync data with HCM and Financials for a seamless planning experience.
- Give users to access Adaptive Planning on their Workday Home page.

You can restrict your users to sign in only using SSO and the worklet.

If you enforce sign-in using SSO and the worklet, you can:

- Sync these user profiles with joint access to both Adaptive Planning and HCM or Financials.
- Use your Workday credentials to sign in to OfficeConnect and to use Adaptive Planning public APIs.
- Generate Adaptive Planning alerts for synced users as Workday notifications.
- Publish approved financial, headcount, or workforce plan versions and make them available to the rest of Workday outside of Adaptive Planning.
- Use planning configuration managers to automatically sync your workforce planning metadata and data with Adaptive Planning.
- Use Workday tasks to create and collaborate on headcount and headcount forecast plans, and execute positions directly from those plans.

You can also sync your plan dimensions and ledger accounts with:

- Your HCM data.
- Your Financials data.
- Any source system.

Business Benefits

If you configure SSO with user sync:

- You can sign in to all your applications from Workday directly.
- You only need to maintain user profile information in Workday for more streamlined and centralized user management. Workday automatically updates, creates, and deletes the Adaptive Planning accounts of all synced users.
- Synced users receive Adaptive Planning alerts as Workday notifications, providing a central location for all notifications for a more unified user experience.
- You can plan collaboratively in Adaptive Planning and publish the plans to the rest of Workday. By publishing, you enable people downstream to act on those plans.
- You can create positions in Workday using the information you gathered in your workforce planning instance.

With your plan dimensions and ledger accounts synced, you can plan using up-to-date data.

Use Cases

Once you sync your joint access users, plan dimensions, and ledger accounts, you can collaboratively plan your FTE and headcount on Personnel sheets using relevant data. You can publish an approved plan to Workday so that your hiring managers and HR business partners can react to or report off of your plan. If you publish financial plans, you can also execute budgetary control.

Questions to Consider

Questions	Considerations
Who's going to configure the tenants?	<p>Implementers or security administrators should configure or help you configure the tenants and any additional features you want to uptake in the future.</p> <p>Implementers or security administrators are people or a group of people with all of these skills and permissions:</p> <ul style="list-style-type: none"> • Administrators with implementation experience with Workday and Workday Adaptive Planning. • Users with extensive administrative and security privileges in Workday. • Users who can configure authentication setup and security domains in Workday and the equivalent in Workday Adaptive Planning. • Users experienced with integration system users, and the API clients generated when associating Workday and Workday Adaptive Planning. • Users with Workday reporting and Workday Adaptive Planning integration experience. <p>Before you start configuring tenants, you must manually configure your implementer or your security administrator's:</p> <ul style="list-style-type: none"> • Security access in Workday and permission set in Workday Adaptive Planning. • Workday Adaptive Planning user profile so that it's mapped to their Workday user profile.
Did you enable SAML SSO in Workday 32?	Re-enable SAML SSO. You won't be able to sign in to Adaptive Planning using the Adaptive Planning worklet until you re-enable SAML SSO.
Do you want to configure SAML SSO with or without user sync?	<p>If you configure SAML SSO with user sync:</p> <ul style="list-style-type: none"> • Users must access Adaptive Planning using the Adaptive Planning worklet. • Workday automatically syncs the Workday and Workday Adaptive Planning user profiles for your planners. You can no longer manage passwords for users in Adaptive Planning. • Workday also automatically syncs the Workday session timeout setting to Workday Adaptive Planning. <p>Note: Optionally, you can manage the Workday Adaptive Planning session timeout setting separately from Workday.</p>

Questions	Considerations
	<ul style="list-style-type: none"> Enable and configure notifications. If you use OfficeConnect and public APIs, you must enable those functionalities. Synced users receive Adaptive Planning alerts as Workday notifications and can use their Workday credentials to sign in to OfficeConnect. Synced users can publish plans to Workday. <p>After user sync, you can't update these Adapting Planning APIs anymore as you now manage all synced users from Workday:</p> <ul style="list-style-type: none"> createUser updateUser <p>To assign levels or permissions to the synced users, use the Adaptive Planning application.</p> <p>If you configure SAML SSO without user sync:</p> <ul style="list-style-type: none"> Users can access Adaptive Planning using the Adaptive Planning worklet on their Workday Home page or your IdP provider. If they're administrators, they can also sign in directly to Adaptive Planning. You must manually maintain both the Workday and Workday Adaptive Planning user profile for each user. These users continue to receive Adaptive Planning alerts as emails, and they continue to use their Adaptive Planning credentials for OfficeConnect and public APIs. These users won't be able to publish plans to the rest of Workday. Workday requires you to manually map the Workday user profile to the Workday Adaptive Planning user profile for each user. <p>These are the only 2 ways you can configure SSO.</p>
Why do you need user sync?	<p>To benefit from any of these capabilities, you must configure user sync:</p> <ul style="list-style-type: none"> Notifications Send synced users Workday notifications instead of Adaptive Planning email alerts about process task assignment, shared web reports, and so on. Publish Plans Send the HCM and financials data from an Adaptive Planning plan version into

Questions	Considerations
	<p>Workday. You can then review and report on this data.</p> <ul style="list-style-type: none"> • Create Positions <p>Publish the information you gathered in the Positions modeled sheet of your workforce planning instance to Workday HCM.</p>
Do you want to configure user sync with a single instance or multi-instances of Adaptive Planning?	<p>You can configure user sync with both a single instance or multi-instances of Adaptive Planning. While we support the single instance setup, we highly recommend a multi-instance setup if you plan to add instances for other planning use cases. If you configure user sync with a single instance setup, you can add instances as children of the existing configuration. You can't make the instance that already syncs with Workday, a child of another instance.</p> <p>Example: You configure your workforce planning instance for user sync with Workday. Later, you decide to add a financial planning instance. You can only add the financial planning instance as a child of the workforce planning instance. To add the financial planning instance as a sibling, consider starting with the recommended multi-instances setup.</p> <p>When setting up user sync with multi-instances, use these guidelines:</p> <ul style="list-style-type: none"> • Ensure that the top-most parent instance is set up as your default instance. • To connect to a Workday tenant, configure a single, nonfunctional instance as the top-most parent instance. This instance is primarily for administering user and access management. After the top-most parent connects to a Workday tenant and users sync with Adaptive Planning, you can't add another instance above it as parent instance. • Add the functional instances as child instances below the top-most parent instance. Example: Financial Planning and Workforce Planning. • Add as many child instances below the top-most parent as required. The child instances can only extend up to 2 levels below the parent. Also, you can't remove the top-most parent instance from the multi-instance hierarchy after you run user sync.

Questions	Considerations
	<ul style="list-style-type: none"> Configure the top-most parent and all child instances in the multi-instance hierarchy for Workday using the same: <ul style="list-style-type: none"> Workday Tenant ID Environment UI URL REST URL
Which users do you want to be able to access both Workday and Workday Adaptive Planning?	<p>Add these users to a security group on the <i>Access Adaptive Planning</i> domain.</p> <p>If you configure SAML SSO without user sync, you must manually:</p> <ul style="list-style-type: none"> Map the Workday and Workday Adaptive Planning user profiles for each user. Create and delete Workday and Workday Adaptive Planning user profiles for each user. <p>If you configure SAML SSO with user sync, Workday uses this domain to know which user profiles to sync. Once you sync these users:</p> <ul style="list-style-type: none"> They can only access Adaptive Planning using the Adaptive Planning worklet on their Home page. You only need maintain their user profile information in Workday, such as their name and email address. <p>If their user profiles don't exist in Adaptive Planning, we also automatically create these user profiles. If you remove users from the <i>Access Adaptive Planning</i> domain, we automatically remove those user profiles from Adaptive Planning.</p> <p>User Sync only adds the users to Workday Adaptive Planning. You must configure the permissions, groups, access rules, and associations for both existing and new user profiles.</p>
How often do you want to check for users profiles to sync?	Workday automatically syncs users every 4 hours after you schedule user sync, but you can cancel these scheduled user syncs. You can manually sync users if you need to give a user access immediately.
Do you currently use OfficeConnect or Excel Interface for Planning?	<p>If you configure SAML SSO with user sync:</p> <ul style="list-style-type: none"> Your end users must install the latest versions before you sync your users. You and your users won't be able to use either product until you finish enabling the functionality and connecting it to Workday.

Questions	Considerations
	If you configure SAML SSO without user sync, you can continue to sign into OfficeConnect or Excel Interface for Planning directly using your Adaptive Planning credentials.
Do you want to plan using Workday metadata?	<p>You can import this metadata using the Workday data source in Adaptive Planning. The delivered Workday reports are:</p> <ul style="list-style-type: none"> • Plan dimensions and dimension hierarchies. • Ledger accounts and ledger account summaries.
Do you need to use the Workday data source to configure the tenants with these features?	<p>Workday doesn't require you to use the Workday data source for these features:</p> <ul style="list-style-type: none"> • SAML Single Sign-On. • User sync. • Notifications. • Publish plans. • OfficeConnect. • Public APIs.

Recommendations

We recommend that you review the Security section for details on the required security access.

For first-time implementations, we recommend that you ask a consultant to configure your tenants for you.

During initial implementation or as you adopt new features, we recommend that you test the functionality in one of these environments first:

- Sandbox
- Implementation

If you configure SAML SSO with user sync, we recommend that you configure the Adaptive Planning worklet. This automatically adds the worklet to the Home page for your synced users.

We recommend that you import Workday metadata using the Workday data source in Adaptive Planning to take full advantage of the publish plans feature. By using the same metadata, you ensure that the plans you publish are relevant to any transactions against this plan.

Requirements

- Ensure that you have Adaptive Planning Integration.
- To publish Workforce Plans, enable and set up Workday Workforce Planning. Workday Workforce Planning is a separate product (SKU) that requires a separate license.

Ensure that you have Adaptive Planning Integration.

Limitations

If you run user sync and an account matches but doesn't sync, you must either:

- Run user sync again.
- Wait until the next scheduled sync to sync the user.

Once you enable notifications with user sync, synced users will no longer receive links in any existing Adaptive Planning alert emails. Links will be accessible through Workday notifications or emails created for these notifications.

Workday only supports email notifications for:

- Process task assignments.
- Sharing perspective snapshots.
- Sharing web reports.
- Sheets approval using workflows.
- Success or failure of Integration tasks.

Access Adaptive Planning directly to download:

- Your dashboard snapshot in your dashboard history.
- Table data in your notifications log.

Tenant Setup

If you don't currently have a project open with a resource certified in the Workday platform, contact your Customer Success Manager to get the next steps and scope of work for the configuration. If you have a project in place, when it's appropriate in your project plan, open a ticket with Provisioning to enable the connection. The request must include:

- The Workday Adaptive Planning instance ID.
- The Workday tenant url.
- An approval from an administrator.

You must have a project in place with an Implementer certified on the Workday platform for us to enable the connection.

In Workday, enable the User Sign-On functionality on the Adaptive Planning tab of the Tenant Setup report. If you configure SAML SSO with user sync, you must also enable or use the functionalities on these tabs:

- User Sync
- Notifications

You only need to enable the functionalities on these tabs if you plan to or already use them in Adaptive Planning:

- OfficeConnect
- Public APIs
- Publish Plans
- Headcount Planning

We support these features for single and multi-instance scenarios.

Security

Domains	Considerations
In the System functional area: <ul style="list-style-type: none"> • <i>Set Up: Tenant Setup - General</i> • <i>Set Up: Tenant Setup - Adaptive Planning</i> 	You need access to both of these domains to configure your tenants for Adaptive Planning on the Tenant Setup report. You need both View and Modify access to the <i>Set Up: Tenant Setup - Adaptive Planning</i> domain.
<i>Security Configuration</i> in the System functional area	Enables you to configure security groups so that users can access the setup tasks, worklet, and publish-related tasks.

Domains	Considerations
<i>Set Up: Tenant Setup - BP and Notifications</i> in the System functional area	Enables you to configure notifications routing rules.
In the System functional area: <ul style="list-style-type: none"> <i>Set Up: System</i> <i>Set Up: Tenant Setup - Worklets</i> 	Enables you to configure the Adaptive Planning worklet so that planners automatically see the worklet on their Home pages.
<i>Set Up: System</i> in the System functional area	Enables you to configure the Adaptive Planning worklet to sign-in users to Adaptive Planning without an IdP provider.
<i>Set Up: Adaptive Planning</i> in the System functional area	<p>Enables you to export Workday metadata to Adaptive Planning using these reports:</p> <ul style="list-style-type: none"> Plan Companies/Hierarchies Plan Dimensions/Hierarchies Ledger Accounts or Ledger Account Summaries Journal Lines Summary <p>This domain also enables you to create workforce planning configuration managers and financial planning configuration managers.</p>
<i>Adaptive Planning Integration</i> in the System functional area	<p>Enables you to sync users manually or cancel the automatically scheduled user syncs.</p> <p>This domain secures the options for user provisioning but doesn't alone enable you to sync Workday accounts with Adaptive Planning. You need additional access to the <i>Set Up: Tenant Setup - Adaptive Planning</i> and <i>Set Up: System</i> domains to set up, complete, and schedule user sync.</p>
<i>Access Adaptive Planning</i> in the System and Adaptive Planning functional areas	<p>Workday checks users on this domain to see whose user profiles need to sync. We recommend that you create a user-based security group for each instance. Give this security group View and Modify access. Only members of this domain display in the presync and user sync details. These members are also filtered on the Plan Dimensions/Hierarchies report if you customize it to add assignable roles and their associated members.</p> <p>This domain is unconstrained.</p>
<i>Worklet: Adaptive Planning</i> in the Adaptive Planning functional area	<p>Workday automatically adds the synced users to this domain.</p> <p>This domain is nonconfigurable.</p>
<i>Set Up: Plan Publishing</i> in the Adaptive Planning for Financial Plans functional area and Adaptive Planning for the Workforce functional area	<p>Enables you to:</p> <ul style="list-style-type: none"> Maintain plan entry types. Create, edit, and view plan structures and plan templates. Initiate plan publishing.

Domains	Considerations
	You can only add segment-based security groups to this domain.
<i>Access Plan Type (Segmented)</i> in the Adaptive Planning for Financial Plans functional area and Adaptive Planning for the Workforce functional area	Enables you to access financial or headcount plans in Workday Financials or HCM.
<i>Process: Workforce Action Plan</i> in the Adaptive Planning for the Workforce functional area	Enables you to create positions in Workday HCM using the Review Workforce Planning Actions task.
<i>Reports: Workforce Action Plan</i> in the Adaptive Planning for the Workforce functional area	Enables you to access reports related to workforce plans.
<i>Reports: Headcount Plan (Adaptive Planning)</i> in the Adaptive Planning for Financial Plans functional area and Adaptive Planning for the Workforce functional area	Enables you to access reports related to Adaptive Planning headcount plans.
<i>Set Up: Headcount Planning</i> in the Adaptive Planning for the Workforce functional area	Enables you to create workforce planning configuration managers and headcount plans.
<i>Participate: Headcount Planning</i> domain in the Adaptive Planning for the Workforce functional area	Enables you to participate in the planning process by entering position data.
<i>Process: Headcount Planning</i> domain in the Adaptive Planning for the Workforce functional area	Enables you to control headcount planning events.
<i>Compensation Details: Headcount Planning</i> in the Adaptive Planning for the Workforce functional area	Enables you to view compensation data on headcount plans, headcount forecast plans, and reports.

In Adaptive Planning, you must have access to the top level under Owned Levels. Also, you need a permission set with these permissions:

- Admin access
 - Users
 - Permission Sets
 - Manage Global User Groups
 - General Setup

If you have multiple parent-child Adaptive Planning instances, all users sync to the top-most parent instance only. To run presync for existing users, ensure that these users exist in the top-most parent instance for matching purposes. All new users from Workday also sync to the top-most parent instance.

For OfficeConnect, you must have the Access OfficeConnect permission. If you have multiple parent-child Adaptive Planning instances and user sync is enabled, you must have this permission in the parent and all accessible child instances.

Business Processes

Configure these business processes to publish financial, headcount, or workforce Workday Adaptive Planning plans to Workday and add any approvers:

- *Plan Event* for financial plans.
- *Headcount Planning* for headcount plans.

- *Workforce Planning Action Event* for workforce plans.

To use plan and execute tasks for headcount planning, configure these business processes:

- *Headcount Planning*.
- *Create Position*.

Reporting

You can use these delivered reports to export Workday metadata to Adaptive Planning for your plans:

- Plan Companies/Hierarchies
- Plan Dimensions/Hierarchies
- Ledger Accounts or Ledger Account Summaries
- Journal Lines Summary

You can also use the Plan Dimensions report data source (RDS) to create your own custom reports to import metadata.

To import data for workforce planning, we recommend that you migrate and use these reports from your Customer Central tenant:

- Plan Dimensions/Hierarchies
- PLN All Positions
- PLN All Workers
- PLN All Workday Accounts - User Sync
- PLN - Currency Conversion Rate
- PLN Drillback on Headcount
- PLN Initiatives
- PLN Locations as Bus Site
- PLN Job Management - Requisition
- PLN Job Profile Dimension
- PLN Worker Dimension

Integrations

If you configure SAML SSO with user sync, you must update these integration components in Workday Adaptive Planning to use Workday credentials:

- Custom Cloud Data Source (CCDS).
- Planning data source.
- Data agents.

To prevent any gaps in services, we recommend that you, in this order:

- Configure Workday credentials.
- Enable user sync.
- Update the integration components to use Workday credentials.

We use web services to publish plans. To enable plan publishers to publish, add their security group to the relevant business process Initiating Action on these web services:

- *Import Budget* (WS Background Process), for financial plans.
- *Import Headcount Plan* (WS Background Process), for headcount plans.
- *Import Workforce Planning Actions* (WS Background Process), for workforce plans.

Connections and Touchpoints

Workday offers a Touchpoints Kit with resources to help you understand configuration relationships in your tenant. Learn more about the [Workday Touchpoints Kit](#) on Workday Community.

Other Impacts

When you sync users, we change their Adaptive Planning username to match their Workday username and append this information:

- Adaptive Planning instance code.
- Workday tenant.
- Workday environment.

Synced Adaptive Planning usernames use this format:

WorkdayUsername@AdaptivePlanningInstanceCode.WorkdayTenant.WorkdayEnvironment

Related Information

Tasks

[Steps: Set Up SAML SSO into Adaptive Planning for Synced Users on page 27](#)

Reference

[Troubleshooting: User Sync with Adaptive Planning on page 33](#)

Set Up Adaptive Planning for HCM and Financials

Steps: Configure Adaptive Planning for HCM and Financials

Prerequisites

You must:

- Work with a Workday-certified implementer to use or configure this feature. If you don't have access to a certified implementer, contact your Customer Success Manager to engage professional services.
- Review all questions and considerations documented in [Setup Considerations: Adaptive Planning for HCM and Financials on page 5](#).

Context

You can use Workday Adaptive Planning for headcount, financial, and workforce planning, and advanced modeling. When you approve a plan, you can publish it and make it available in Workday Human Capital Management (HCM) and Workday Financials. Downstream users can then take actions.

You can configure Security Assertion Markup Language (SAML) Single Sign-On (SSO) with user sync to enable users to sign in only using a Workday worklet. With this method, Workday enables you to automatically sync the Workday and Adaptive Planning profiles. When you sync profiles, you only need to manage the personal information in Workday. You can also:

- Use your Workday credentials for OfficeConnect and public APIs.
- Publish plans from Adaptive Planning to Workday.
- Receive Adaptive Planning notifications in Workday.
- Use planning configuration managers to automatically sync your workforce planning metadata and data with Adaptive Planning.
- Use Workday tasks to create and collaborate on headcount and headcount forecast plans, and execute positions directly from those plans.

You can also configure SAML SSO without syncing user profiles. In this case, users can sign in:

- By connecting directly to Adaptive Planning using administrative privileges.
- Through your IdP provider.
- Using a Workday worklet.

If you currently use a single Adaptive Planning instance and want to set up user sync, consider whether you plan to move to a multi-instances hierarchy in future. Although you can configure both single and multi-instances of Adaptive Planning for user sync with Workday, we recommend the multi-instances set up as it allows flexibility for future expansions.

Steps

1. Configure security for users to:
 - Access Adaptive Planning using their Workday credentials.
 - Set up and publish plans.
- See [Steps: Set Up Security for Adaptive Planning with HCM and Financials](#) on page 18.
2. To set up SSO and user sync for users with access to both Workday and Adaptive Planning, complete one of these actions:
 - Configure Unified Provisioning and Authentication (UPA). This is the new recommended method. See [Concept: Unified User Provisioning and Authentication](#) on page 32.
 - Configure SSO with user sync and map user profiles between Workday and Adaptive Planning. This is the legacy method. See [Steps: Set Up SAML SSO into Adaptive Planning for Synced Users](#) on page 27.
 - Alternately, if you want to enable only Workday SSO without syncing user profiles, you can configure SSO without user sync. See [Steps: Set Up SAML SSO into Adaptive Planning Without User Sync](#) on page 25.
 3. Set up Unified Access Management (UAM) so that you can manage permissions and access for synced users from Workday. While this step is required for UPA, it is optional for legacy user sync and SSO configuration.

See:

- [Steps: Set Up Unified Access Management \(UAM\)](#).
- [Concept: Unified Access Management \(UAM\)](#)

4. (Optional) [Enable Features After User Sync](#) on page 40.

When you configure SSO with user sync, enable features on the Adaptive Planning tab of the Tenant Setup report immediately after syncing your first user.

5. (Optional) When you configure SSO with user sync, configure routing rules for notifications.

We recommend that you create a routing rule with this channel frequency:

Option	Description
Channel	Select <i>Email</i> .
Default Frequency	Select <i>Immediately</i> .

In the Notification Delivery Settings section, add your routing rules to the Adaptive Planning parent notification type.

See:

- [Steps: Set Up Workday Notifications](#).
- [Reference: Adaptive Planning Notification Types](#) on page 43

6. [Steps: Set Up Proxy User Access to Adaptive Planning](#) on page 44

Proxy user access is currently available only for the legacy method for configuring SSO and user sync. If you're configuring UPA, then you can skip this step.

7. (Optional) When you configure SSO with user sync, set up OfficeConnect and Excel Interface for Planning so that users can sign in using their Workday credentials.

See [Steps: Set Up Tenants in OfficeConnect](#).

8. [Manage Workforce Planning Configurations](#) on page 49.

For headcount planning, this task enables you to automatically generate and load Adaptive Planning data, metadata, and modeled sheets.

9. [Manage Financial Planning Configurations](#) on page 61.

For financial planning, this task enables you to automatically generate and load Adaptive Planning data, metadata, and standard sheets.

10. Import HCM or Financials data and metadata into Adaptive Planning.

Use Workday advanced reports to import your data and metadata.

See [Steps: Set Up Workday Data Sources for Adaptive Planning](#) on page 71.

11. [Set Up Workday External Systems for Adaptive Planning](#) on page 100.

Configure the external system settings to enable users to publish plans and drill down on HCM and Financials:

- Actuals transactions.
- Business objects.

12. (Optional) When you configure SSO with user sync, configure Workday credentials for each Workday-related Planning data source in Adaptive Planning.

See [Steps: Enable Planning Data Sources After User Sync](#) on page 104.

13. [Load Associations After User Sync](#) on page 106.

Give synchronized users level ownership or dimension associations for the levels and dimensions you just loaded from HCM and Financials.

14. [Create Custom SQL Tuple Columns](#) on page 116

If your model brings together more than one Workday Core object into a single Adaptive Planning object, create a combined object known as a tuple to enable drilling and publishing.

15. Review your Workday external system to verify you concatenated for the same many-to-1 mappings correctly.

16. (Optional) [Make Adaptive Planning API Requests with Workday Credentials](#).

When you configure SSO with user sync, configure your Adaptive Planning API requests to run APIs as a synced user with access to Workday and Adaptive Planning.

17. After a tenant refresh, reconfigure your tenant for Adaptive Planning with HCM and Financials.

See [Steps: Set Up Adaptive Planning Tenants After Refreshes](#) on page 121.

Related Information

Concepts

[Concept: Session Timeout](#)

Tasks

[Steps: Set Up SAML SSO into Adaptive Planning Without User Sync](#) on page 25

[Steps: Set Up SAML SSO into Adaptive Planning for Synced Users](#) on page 27

[Set Up Adaptive Planning Worklet](#) on page 29

[Sync Users with Adaptive Planning](#) on page 29

Steps: Set Up Security for Adaptive Planning with HCM and Financials

Context

Set up security to determine who can:

- Configure your tenants for synced user access and shared Workday data and metadata.
- Access Workday Adaptive Planning using their Workday credentials.
- Create, edit, and view plan structures and plan templates.

- Initiate plan publishing from Adaptive Planning.
- Create positions from published workforce plans.
- Create headcount plans from planning configuration managers, control headcount planning events, and participate in the planning process by entering position data. For more information about feature and security setup for headcount planning, see [Steps: Set Up Headcount Planning](#) on page 125.

Steps

1. Access the Maintain Functional Areas task.

Select the Enabled check box for these functional areas:

- Adaptive Planning
- Adaptive Planning for Financial Plans
- Adaptive Planning for the Workforce

To publish financial plans, you also need to enable the Budgets functional area.

Security: Security Configuration in the System functional area.

2. [Create Segment-Based Security Groups](#).

To publish plans and access the plans in Financials or HCM, create segment-based security groups for users who need access financial, headcount, or workforce plans using these values:

Option	Description
Security Groups	Add the security groups who need access. For financial planning, you might already have an existing segment-based security group set up to access financial plans. You don't need to create another.
Access to Segments	Select: <ul style="list-style-type: none"> • <i>Financial Plan Type Segment</i> • <i>Headcount Plan Type Segment</i>

3. Edit Domain Security Policies.

Depending on the features you want to use, configure the domain security policies for these domains:

- *Access Adaptive Planning* in the Adaptive Planning functional area.
- *Access Plan Type (Segmented)* in the Adaptive Planning for Financial Plans functional area and Adaptive Planning for the Workforce functional area.
- *Adaptive Planning Integration* in the System functional area.
- *Participate: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.
- *Process: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.
- *Process: Workforce Action Plan* in the Adaptive Planning for the Workforce functional area.
- *Reports: Headcount Plan (Adaptive Planning)* in the Adaptive Planning for Financial Plans functional area and Adaptive Planning for the Workforce functional area.
- *Reports: Workforce Action Plan* in the Adaptive Planning for the Workforce functional area.
- *Reports: Currency Rates* in the Common Financial management functional area.
- *Reports: Financial Accounting* in the Common Financial management functional area.
- *Set Up: Adaptive Planning* in the System functional area.
- *Set Up: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.
- *Compensation Details: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.
- *Set Up: Financial Planning* in the Adaptive Planning for Financial Plans functional area.
- *Set Up: Fiscal Schedule* in the Adaptive Planning for Financial Plans functional area.
- *Set Up: System* in the System functional area.
- *Set Up: Tenant Setup - General* in the System functional area.
- *Set Up: Tenant Setup - Adaptive Planning* in the System functional area.
- *Set Up: Tenant Setup - BP and Notifications* in the System functional area.
- *Set Up: Tenant Setup - Worklets* in the System functional area.
- *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

Provide both View and Modify access to the *Set Up: Tenant Setup - Adaptive Planning* domain.

Before registering API clients and creating Workday Credentials in Adaptive Planning, we recommend that you:

- a. Search for the task *Edit Tenant Setup - Security*.
- b. Select OAuth 2.0 Client Enabled in OAuth 2.0 Settings.

For access to Adaptive Planning, we recommend that you:

- a. Create a user-based security group for Adaptive Planning users.
- b. Add this security group to the *Access Adaptive Planning* domain.
- c. Give this security group View and Modify access.

Workday automatically adds these users to the *Worklet: Adaptive Planning* domain once you sync those users.

To enable planners to publish, we recommend that you:

- a. Create a user-based security group for Adaptive Plan publishers.
- b. Add this security group to the *Set Up: Plan Publishing* domain.
- c. Give this security group View and Modify access for reports and tasks.
- d. Give this security group Securable Integrations Get and Put access.

To publish plans and access the plans in Financials or HCM:

- a. Add the segment-based security groups you just created to the *Access Plan Type (Segmented)* domain.
- b. Give these security groups View and Modify access.

Security: *Security Configuration* domain in the System functional area.

4. Edit Business Process Security Policies.

To publish plans, set up your business process and security policy based on your organization needs, such as to add approvers. We support these business processes:

- *Plan Event* for financial plans.
- *Headcount Planning* to use plan and execute tasks for headcount planning.
- *Headcount Plan Event* for publishing headcount plans.
- *Workforce Planning Action Event, Create Position, and Job Requisition* for workforce plans.

To enable plan publishers to publish, add their security group on these initiating actions:

- *Import Budget* (WS Background Process), for financial plans.
- *Import Headcount Plan* (WS Background Process), for headcount plans.
- *Import Workforce Planning Actions* (WS Background Process), for workforce plans.

Workday automatically uses these web services when you publish. We recommend that you don't use these web services to import planning data manually.

To enable workforce planners and any downstream workers to submit the positions for creation, add their security groups to either of these business process initiating actions:

- *Create Position* initiating action on the *Create Position* business process.
- *Create Job Requisition* initiating action on the *Job Requisition* business process.

5. To route *Job Requisition* business events initiated by your publishes, access the *Edit Tenant Setup - HCM* task and add security groups on the *Route Create Job Requisition Events* prompt.

These security groups must be:

- Either user-based security groups or have a role usage of Supervisory.
- Added on the *Create Job Requisition* initiating action on the *Job Requisition* business process.

Security: *Set Up: Tenant Setup - HCM* domain in the System functional area.

6. Activate Pending Security Policy Changes.

Related Information

Tasks

[Create User-Based Security Groups](#)

Set Up SSO or User Sync into Adaptive Planning

Steps: Configure UPA for Adaptive Planning

Prerequisites

- For Adaptive Planning multi-instance setup:
 - The implementor (admin) needs to be part of the parent instance.
 - The parent instance must be set up as the default instance.
- These domains in the System functional area:
 - *Set Up: User Provisioning*
 - *Report: User Provisioning Status*
 - *Manage: Workday Adaptive Planning User Provisioning*

Context

For users implementing SSO and user sync for the very first time, we recommend the Unified User Provisioning and Authentication (UPA) configuration. UPA provides a more streamlined and secure method for managing user access to Workday Adaptive Planning.

Steps

1. Configure User Provisioning for Adaptive Planning on page 22.

Configure User Provisioning Workspace (UPW) for enabling security groups for provisioning and setting up access to the workspace.

2. Enable UPA and Validate SSO on page 23.

Validate that users are synced into Adaptive Planning.

3. [..../authentication-and-security/accounts/Unified-Access-Management/set-up-unified-access-management--uam-.dita](#)

Configure Unified Access Management (UAM) to automate the management of permissions and security groups across Workday and Adaptive Planning.

Result

Example

Configure User Provisioning for Adaptive Planning

Prerequisites

- Enable Workday SSO. If you have existing connectors with Workday in place, Workday SSO is likely also enabled.
- Security: These domains in the System functional area:
 - *Set Up: User Provisioning*
 - *Manage: Workday Adaptive Planning User Provisioning*
 - *Report: User Provisioning Status*

Context

The User Provisioning Workspace (UPW) enables you to authenticate, provision, and sync users to Workday Adaptive Planning. Workday recommends using roles like security administrator to set up the UPW, while account managers can configure supported products and view error reports.

When configuring access to UPW, Workday recommends that you create user-based security groups. If you use role-based security groups, you can expect up to an hour delay for security group membership changes to reflect in Adaptive Planning. User-based security group changes reflect in near real-time.

Steps

1. In Workday, create a user-based security group. You can use an existing group for this task.
See [..../authentication-and-security/configurable-security/security-groups/user-based-security-groups/dan1370796695367.dita](#).
2. Edit the security policy permissions for the security group. In the Report/Task Permissions section, provide the security group with View and Modify access. See [..../authentication-and-security/configurable-security/security-policies/dan1370797389950.dita](#).
3. Access the Activate All Pending Authentication Policy Changes task. Add a required comment on the page and click Okay.

4. Configure User Provisioning Workspace (UPW) to access the workspace. See [../../../../authentication-and-security/accounts/User-Provisioning-Workspace/juv1676588879464.dita](#).
5. In UPW, create provisioning groups, populate them with security groups, and associate these provisioning groups with Adaptive Planning instances in the User Provisioning Workspace. See [../../../../authentication-and-security/accounts/User-Provisioning-Workspace/ify1674150353964.dita](#).
6. Run the Preview Report to identify any issues in the provisioning process:
 - Users in the Users Not in Provisioning Group have accounts in Adaptive Planning but their user IDs aren't synced with Workday. To resolve this issue, add the security groups of these users to the UPW.
 - Review the Error Type column to see if an error is a system or data error. Address all data errors. System errors self-correct in a few hours.
 - If you receive the "Invalid resource: Username is required" error, then the user's primary work email hasn't been set up in Workday.
7. To sync users:
 - a. Navigate to an Adaptive Planning instance and click Configure.
 - b. Click Preview and Enable Sync.
 - c. Select I understand that enabling sync may have irreversible impacts.
 - d. Click Enable Sync.
8. Validate that users are synced into Adaptive Planning:
 - a. In Adaptive Planning, from the main menu, select Administration.
 - b. Under Users and Permissions, click the Users link.
 - c. On the users list page, check the Last Sync Time column.

Result

Example

Next Steps

Enable UPA and Validate SSO

Prerequisites

- Configure User Provisioning for Adaptive Planning on page 22.
- Security: These domains in the System functional area:
 - *Set Up: User Provisioning*
 - *Manage: Workday Adaptive Planning User Provisioning*
 - *Report: User Provisioning Status*

Context

After configuring User Provisioning Workspace (UPW), you must enable Unified User Provisioning and Authentication (UPA) and validate that single sign-on (SSO) is working by authenticating through UPA.

Steps

1. In Workday, access the Enable Adaptive Planning Setup for UPC task and select the confirmation checkbox to switch over authentication to UPA. Click OK.

2. Authenticate to Adaptive Planning through UPA using either of these options:

- On the Workday Home page, from the Global Navigation Menu, click More and then click an Adaptive Planning instance. You are logged in to Adaptive Planning using SSO.
- In Adaptive Planning, from the main menu, click Administration. Then, under System, click General Setup. Copy and paste the Application URL into a browser tab. If you're not authenticated, you need to authenticate to Workday.

Result

Example

Next Steps

Steps: Migrate to UPA from Current User Sync Setup

Prerequisites

- Workday to Adaptive Planning User Sync is configured. See [Steps: Set Up SAML SSO into Adaptive Planning for Synced Users](#) on page 27.
- Unified Access Management (UAM) is configured. See [.../authentication-and-security/accounts/Unified-Access-Management/set-up-unified-access-management-uam-.dita](#).
- For Adaptive Planning multi-instance setup:
 - The implementor (admin) needs to be part of the parent instance.
 - The parent instance must be set up as the default instance.
- Security: These domains in the System functional area:
 - *Set Up: User Provisioning*
 - *Report: User Provisioning Status*
 - *Manage: Workday Adaptive Planning User Provisioning*

Context

If you have previously configured single sign-on (SSO) and user sync for Workday Adaptive Planning, then you can migrate to Unified User Provisioning and Authentication (UPA). UPA provides a more streamlined and secure method for managing user access. Key benefits include:

- Simplified administration: Centrally manage user access to Adaptive Planning instances through security groups.
- Enhanced User Sync:
 - Real-time user sync for user-based security groups and hourly user sync for role-based security groups.
 - Option to trigger full user sync to correct user discrepancies.
 - Support for ISU users.
- Automated instance assignment through user sync configuration. You don't need to manually assign instances from the user profile or users list pages in Adaptive Planning.
- Improved user experience: Provide an enhanced and unified sign-in experience for users accessing Adaptive Planning.

Steps

1. In Workday, configure access to User Provisioning Workspace (UPW).
See [Set Up Access to User Provisioning](#).

2. On the Workday Home page, from the Global Navigation Menu, access the Manage User Provisioning for Workday Products worklet. Click User Provisioning Workspace.
3. From the Products page, for each of your Adaptive Planning instances, select Configure.
4. In the Configuration tab, click Migrate.
The migrate task syncs Adaptive Planning instance assignments with UPW and automatically creates security and provisioning groups based on existing Adaptive Planning configurations.
5. Review the errors and click Continue.
6. Click Preview and Approve:
 - a. Use the Generate Preview Report to verify that all user information, security groups, and provisioning groups migrated correctly.
 - b. If the data is accurate, click Approve.
7. After completing the migration for all your Adaptive Planning instances, click Enable Sync for Adaptive Products.
8. Select the options to confirm that your current SSO to Adaptive Planning and User Sync will be disabled and new worklets will be created for each Adaptive Planning instance. Then, click Confirm and Enable.
9. Validate that users are synced into Adaptive Planning:
 - a. In Adaptive Planning, from the main menu, select Administration.
 - b. Under Users and Permissions, click the Users link.
 - c. On the users list page, check the Last Sync Time column.
10. In Workday, access the Enable Adaptive Planning Setup for UPC task and select the confirmation checkbox to switch over authentication to UPA. Click OK.
11. Authenticate to Adaptive Planning through UPA using either of these options:
 - On the Workday Home page, from the Global Navigation Menu, click More and then click an Adaptive Planning instance. You are logged in to Adaptive Planning using single sign-on (SSO).
 - In Adaptive Planning, from the main menu, click Administration > System > General Setup. Copy and paste the Application URL into a browser tab. If you're not authenticated, you need to authenticate to Workday.

Steps: Set Up SAML SSO into Adaptive Planning Without User Sync

Prerequisites

- You must work with a Workday-certified implementer to use or configure this feature. If you don't have access to a certified implementer, contact your Customer Success Manager to engage professional services.
- In Adaptive Planning:
 - Configure an IdP provider, like Okta, in Adaptive Planning for signing in. Post-configuration, verify that Allow only SAML SSO is selected under Administration > SAML SSO Settings > Enable SAML.
 - Configure your instance for Workday using Workday Tenant ID, Environment, UI URL, and REST URL.

- Security:

- *Access Adaptive Planning* domain in the Adaptive Planning functional area of Workday.
- In Adaptive Planning, verify that you have Admin Access with these permissions to enable user sign-in to configure Security Assertion Markup Language (SAML) Single Sign-On (SSO) in Workday.
 - *Users*.
 - *SAML*.
 - *Permission Sets*.
 - *Manage Global User Groups*.
 - *General Setup*.

Context

This SSO configuration is valid when:

- You only want to use SSO from Workday.

Users can access Adaptive Planning with either the Adaptive Planning worklet on their Workday Home page or through their IdP provider.

- You want to:

- Manually maintain both the Workday and Adaptive Planning user profile for each user independently from each other.
 - Continue to receive Adaptive Planning alerts as emails.
 - Continue to use your Adaptive Planning credentials for OfficeConnect and public APIs.
- You don't want to publish plans to HCM and Financials.

The only other SSO configuration we support is with user sync.

Steps

1. As a security admin, verify you copied and edited the All Workday Accounts standard report with additional row columns for the Workday ID field.

Use information from this report to obtain the Workday Federation ID for every planning user requiring SSO into Adaptive Planning. The username is part of the Workday Federation ID, which follows this pattern: `workdayUserName@TenantID.Environment`

Security: *Workday Accounts* domain in the System functional area.

2. Sign in to Adaptive Planning as a user with administrative privileges.

3. Select Administration from the main menu.

4. Select Users in the Users and Permissions section.

5. Find and edit the administrator user and enter their Workday ID.

The administrator user is the Workday security admin doing the SSO configuration.

6. Enter the Workday Federation ID for all users and the security administrator enabling SSO.

7. In Workday, access the Tenant Setup report.

Security:

- *Set Up: System* in the System functional area.
- *Set Up: Tenant Setup - Adaptive Planning* in the System functional area.
- *Set Up: Tenant Setup - General* in the System functional area.

8. Select the Adaptive Planning tab.

9. Select the User Sign-On tab.

10. Use the task on the Enable User Sign-On button to enable SAML SSO.

11. [Set Up Adaptive Planning Worklet](#) on page 29.

Related Information

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Reference

[Reference: SAML SSO Settings](#)

Steps: Set Up SAML SSO into Adaptive Planning for Synced Users

Prerequisites

- You must work with a Workday-certified implementer to use or configure this feature. If you don't have access to a certified implementer, contact your Customer Success Manager to engage professional services.
- In Adaptive Planning:
 - Configure an IdP provider, like Okta, in Adaptive Planning for signing in. Post-configuration, verify that Allow only SAML SSO is selected under Administration > SAML SSO Settings > Enable SAML.
 - Configure your instance for Workday using Workday Tenant ID, Environment, UI URL, and REST URL.
- Security:
 - In Workday:
 - *Access Adaptive Planning* domain in the Adaptive Planning functional area.
 - *Set Up: System* domain in the System functional area.
 - *Set Up: Tenant Setup - Adaptive Planning* domain in the System functional area.
 - *Set Up: Tenant Setup - General* domain in the System functional area.
 - In Adaptive Planning, verify that you have Admin Access with these permissions to enable user sign-in to configure Security Assertion Markup Language (SAML) Single Sign-On (SSO) in Workday:
 - *Users*.
 - *SAML*.
 - *Permission Sets*.
 - *Manage Global User Groups*.
 - *General Setup*.

Context

When you configure SAML SSO with user sync, you can automatically sync the Workday and Workday Adaptive Planning profiles of users who have access to:

- Both Workday and Adaptive Planning.
- The *Access Adaptive Planning* domain in the System and Adaptive Planning functional areas of Workday.

You can still manage the Adaptive Planning session timeout setting separately from Workday.

Synced Workday users sign in to Adaptive Planning with a Workday worklet. You can configure the worklet to access Adaptive Planning with or without an IdP provider.

With user sync configured, you can:

- Receive all notifications in Workday.
- Publish plans to Workday.
- Sign in to OfficeConnect using your Workday credentials.
- Use Adaptive Planning public APIs with your Workday credentials.

If you configured SAML SSO to Workday, you must set it up again after the 2019.3 release because of feature improvements.

Steps

1. In Workday, access the Tenant Setup report.
2. (Optional) To enable users to sign in to OfficeConnect using a Workday IdP, work with your IdP configurator to:
 - a. Get the IdP sign in information for your Adaptive Planning instance.
 - b. In the Security tab, enter the redirect URL information for:
 - Login Redirect URL
 - Mobile App Login Redirect URL
 - Mobile Browser Login Redirect URL
3. Select the Adaptive Planning tab.
4. Select the User Sign-On tab.
5. Copy this information:
 - Your Workday ID.
 - Your Workday Federation ID.

As the administrator who configures SSO, you use this information to map your Workday user profile to the Workday Adaptive Planning one. This manual mapping ensures that you can sign in to Adaptive Planning to fix any SSO setup errors.

6. In Adaptive Planning, select Administration from the main menu.
7. Select Users in the Users and Permissions section.
8. Edit your user profile and enter this information to manually map your user profiles:
 - Workday Federation ID.
 - Workday ID.
9. In Workday, access the Tenant Setup report.
10. Select the Adaptive Planning tab.
11. Select the User Sign-On tab.
12. Use the task on the Enable User Sign-On button to enable SAML SSO and user sync.
13. [Set Up Adaptive Planning Worklet](#) on page 29.
14. (Optional) [Set Up Worklets](#).

If you don't use an IdP provider, configure the Adaptive Planning worklet to sign in users to Adaptive Planning.

In the External Links section for the worklet, you can either:

- Select SAML SSO link created.
- Select Create Quicklink, then enter the name and URL for your Adaptive Planning instance.

Next Steps

In Workday, sync the Workday and Adaptive Planning user profiles of your planners using the User Sync tab on the Tenant Setup report. See [Sync Users with Adaptive Planning](#) on page 29.

After configuring user sync, you can manage permissions and access for synced Adaptive Planning users from Workday. See:

- [Steps: Set Up Unified Access Management \(UAM\)](#).
- [Concept: Unified Access Management \(UAM\)](#).

Related Information

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Examples

[Troubleshooting: User Sync with Adaptive Planning on page 33](#)

Set Up Adaptive Planning Worklet

Prerequisites

- Ask your security administrator to configure the *Access Adaptive Planning* domain with security groups that include your Workday Adaptive Planning users.
- Security:
 - *Security Configuration* in the System functional area.
 - *Set Up: System* in the System functional area.
 - *Set Up: Tenant Setup - Adaptive Planning* in the System functional area.
 - *Set Up: Tenant Setup - General* in the System functional area.
 - *Set Up: Tenant Setup - Worklets* in the System functional area.

Context

Use security groups and the *Access Adaptive Planning* domain to automatically add the Adaptive Planning worklet to the Home page of your Workday Adaptive Planning users. Adaptive Planning users can use this worklet to sign in to Adaptive Planning.

For your Adaptive Planning user security group, we recommend that your security administrator:

1. Creates a user-based security group named All Adaptive Planners.
2. Gives this security group View and Modify access.
3. Adds this security group to the *Access Adaptive Planning* domain.

Steps

1. Access the Maintain Dashboards report.
2. Edit the Home dashboard.
3. In the Worklets grid, add the Adaptive Planning worklet.
4. In Required for Groups, add the security group for Adaptive Planning users.
5. Select Required? to display the worklet always on the Home dashboards of your planners.

Next Steps

If you don't use an IdP provider, configure the Adaptive Planning worklet so that your users can sign in.

Related Information

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Sync Users with Adaptive Planning

Prerequisites

Configure Workday Adaptive Planning for HCM and Financials.

In Adaptive Planning:

- Copy your Workday ID and Workday Federation ID to your profile in Adaptive Planning. In the recommended multi-instances setup, you only need to copy your Workday ID and Workday Federation ID to the top-most instance.
- Set the first and last names and primary work email for users you want to sync.
- In General Setup, set the Password Expiration to 365 days for the entire instance.

In Workday:

- For each user you want to sync, ensure that:
 - The email address is Public and doesn't exceed 128 characters.
 - The email address is the primary one.
 - The email type is Work and not Home.
 - The first and last names together don't exceed 64 characters.
- Ensure that an implementer account exists with an email address for syncing purposes. The implementer can access the Adaptive Planning instance after user sync is complete. You can't edit an implementer account after creating it. If you need to update it, contact support.

Ensure that each username in Workday:

- Contains only alphanumeric characters or underscores.
- Doesn't contain empty spaces.
- Starts with an alphanumeric character.

If you currently use OfficeConnect or Excel Interface for Planning, ensure that all users download the latest version.

Security: These domains in the System functional area:

- *Adaptive Planning Integration*
- *Security Configuration*
- *Set Up: System*
- *Set Up: Tenant Setup - Adaptive Planning*
- *Set Up: Tenant Setup - Worklets*

Context

For users with access to Workday and Adaptive Planning, you can enable an integration system user (ISU) to sync their accounts in Adaptive Planning with their accounts in Workday. Workday syncs only active Workday accounts. By syncing their accounts, you:

- Automatically create, update, and delete Adaptive Planning users from Workday.
- Force users to sign in to Adaptive Planning from Workday.
- Manage authentication rights for Adaptive Planning users from Workday.
- Provision new users from Workday to Adaptive Planning.

You enable user sync when the ISU syncs your first user with Adaptive Planning. When you enable user sync, users who sync successfully must use Workday to sign in to:

- Adaptive Planning
- OfficeConnect
- Excel Interface for Planning

Users who sync successfully also receive alerts from Adaptive Planning as Workday notifications.

Note: You can't disable or undo user sync after at least 1 user syncs successfully with Adaptive Planning. However, you can revert your Workday tenant and Adaptive Planning instance to the backup from the previous day. To assist you in rolling back your tenant and instance, contact:

- Your Adaptive Professional Services partner.
- Our Adaptive Support team.

- Our Workday Support team.

Steps

1. Access the Tenant Setup report.
2. On the User Sync tab within the Adaptive Planning tab, click Set Up User Provisioning Adaptive Planning.
3. Click Pre-Sync to send user accounts from Adaptive Planning to Workday.
4. (Optional) Click View Pre-Sync Details to verify the results of the presync.

When you run presync, the status for users can be:

- Match: The first and last names and email address match with Adaptive Planning.
- Conflict: The email address matches but the first and last names don't fully match with Adaptive Planning.
- No Match: The first and last names and email address don't match with Adaptive Planning.

When accounts conflict or don't match, you can:

- Continue to sync matched users and users who don't exist in Adaptive Planning. Workday creates accounts for those users who don't exist in Adaptive Planning.
- Fix the accounts in Adaptive Planning to match the accounts in Workday.

Note: Make sure your superuser administrative account in Adaptive Planning syncs correctly. You can only administer your Adaptive Planning instance when you sync at least 1 privileged administrative account.

5. Click Sync to send the Workday ID for each account from Workday to Adaptive Planning.
You can continue to sync users who have expired passwords in Adaptive Planning.
6. (Optional) Click View Sync Details to verify the results of the sync.
When an account matches but doesn't sync, run sync again or wait until the next scheduled sync.
Users who don't sync successfully are unable to sign in from Workday, including OfficeConnect and Excel Interface for Planning.
7. (Optional) Click Schedule to schedule periodic syncs with Adaptive Planning as you update accounts in Workday.
Workday performs scheduled syncs every 4 hours.

Result

Workday adds synced users to the Adaptive Planning User security group. You can use the security group to enable synced users to sign in to Adaptive Planning from the Workday Home page using an Adaptive Planning worklet. Synced users who lose access to the worklet retain access until the next sync.

In a multi-instance configuration, user sync automatically assigns the administrator and all users to the top-most parent instance. The administrator can sign in to Adaptive Planning and edit each user profile to assign appropriate level access, default instance, and permissions. If you're using a single Adaptive Planning instance, proceed to the next applicable step.

Next Steps

Enable these features on the Adaptive Planning tab of the Tenant Setup report:

- Notifications
- Publish Plans
- OfficeConnect
- Public APIs
- Workday Data Source

You only need to enable OfficeConnect and public APIs when you use the functionality in Adaptive Planning. In a multi-instance configuration, enable these features only in the top-most parent instance except for Workday Data Source. Enable the Workday Data Source in all applicable child instances in the hierarchy.

If you need to perform work in your Adaptive Planning instance after user sync completes in Production, your Named Support Contact must request an implementer ID for you.

When you successfully complete user sync, you can only use Workday token-based authentication to the Adaptive Public API. Workday disables password-based authentication.

Related Information

Concepts

[Concept: User Sync with Adaptive Planning on page 32](#)

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Examples

[Troubleshooting: User Sync with Adaptive Planning on page 33](#)

Concept: Unified User Provisioning and Authentication

Unified User Provisioning and Authentication (UPA) provides these main capabilities for Workday Adaptive Planning:

- User Provisioning Workspace (UPW) for configuring and managing user provisioning.
- Single sign-on (SSO) from Workday to Adaptive Planning. User can sign in:
 - Directly to individual Adaptive Planning instances without having to go through a worklet.
 - Using either the Workday UI or the Adaptive Planning instance-specific URL or vanity URL.
- A migration task in UPW to update user instance assignment information in Workday. This task automatically generates the necessary security and provisioning groups.
- Enhanced authentication experience with a cleaner interface, improved security, and new password recovery options in Workday:
 - Updates to the native sign-in page.
 - Improved SMS enrollment flow.
 - New password reset option based on phone-number.
- Authentication for Adaptive Planning APIs that work with OAuth 2.0. You can authenticate to the Adaptive Planning APIs in exactly the same way you authenticate to Workday APIs.

UPA Configuration

Depending on whether you're configuring SSO and user sync for the first time or not, you can pursue either option:

- If you are configuring SSO and user sync for the first time, then you can follow the recommended UPA method. See [Steps: Configure UPA for Adaptive Planning on page 21](#).
- If you have already configured SSO and user sync using the legacy method, then you can migrate to UPA. See [Steps: Migrate to UPA from Current User Sync Setup on page 24](#).

Concept: User Sync with Adaptive Planning

Integration System User

Workday generates an integration system user (ISU) named ISU_Workday_Adaptive_Insights_User_Provisioning when you successfully complete the Enable User Sign-On for Adaptive Planning task. The ISU is critical for providing audit logs and running user sync. It

doesn't require configuration or security assignments. Workday automatically associates the ISU to User Sign On.

Presyncing Users

Running presync enables you to find and fix cases where Workday accounts don't match accounts in Adaptive Planning. Running presync also enables you to validate your configuration before running sync. Running presync doesn't commit changes to your Workday tenant or Adaptive Planning instance; you can run presync as frequently as you need to. To view the users who don't match during presync, run the View Pre-Sync Details report.

Workday uses the first and last names and email addresses of users in Adaptive Planning to match users in Workday. Workday first attempts to match the preferred first and last names with Adaptive Planning. If the preferred first and last names don't match, Workday attempts to match the legal first and last names.

Note: In Workday, verify that the email addresses of the presynced users are set up as Public and the email type is set to Work.

Syncing Users

The *Adaptive Planning Integration* domain secures the options for user provisioning but doesn't alone enable you to sync Workday accounts with Adaptive Planning. You need additional access to the *Set Up: Tenant Setup - Adaptive Planning* and *Set Up: System* domains to set up, complete, and schedule user sync.

Deleting Users

To delete a user from Adaptive Planning, remove them from the *Access Adaptive Planning* domain. Workday deletes the user from Adaptive Planning the next time user sync runs.

Workday recommends that you don't delete access from the last user who owns the top or corporate level in the Adaptive Planning hierarchy model. Workday won't delete their access during user sync. To remove access from the last user, assign another user to the top or corporate level and then delete the user from Adaptive Planning.

Related Information

Tasks

[Sync Users with Adaptive Planning](#) on page 29

Troubleshooting: User Sync with Adaptive Planning

This topic provides strategies for diagnosing and resolving these user sync problems:

- [Administrators can't configure Single Sign-On access to Adaptive Planning.](#) on page 33
- [Administrators can't access the User Sync tab within the Tenant Setup report.](#) on page 34
- [Workday doesn't presync or sync certain users.](#) on page 34
- [Workday and Adaptive Planning users are out of sync.](#) on page 36

Administrators can't configure Single Sign-On access to Adaptive Planning.

Cause: Administrators don't have access to these security domains in the System functional area, which secure the Adaptive Planning section within the Tenant Setup report:

- [Set Up: Tenant Setup - Adaptive Planning](#)

- *Set Up: Tenant Setup - General*

Solution:

Steps

Security: These domains in the System functional area:

- *Security Activation*
 - *Security Configuration*
1. Access the Domain Security Policies for Functional Area report.
 2. Select *System* from the Functional Area prompt.
 3. Select Domain Security Policy > Enable from the *Set Up: Tenant Setup - Adaptive Planning* domain.
 4. Select Domain Security Policy > Enable from the *Set Up: Tenant Setup - General* domain.
 5. Select Edit Permissions for each security domain.
 6. Add a security group with View and Modify permissions.
 7. [Activate Pending Security Policy Changes](#).

Administrators can't access the User Sync tab within the Tenant Setup report.

Cause: Administrators don't have access to the *Adaptive Planning Integration* domain in the System functional area, which secures the User Sync tab within the Tenant Setup report.

Solution:

Steps

Security: These domains in the System functional area:

- *Security Activation*
 - *Security Configuration*
1. Access the Domain Security Policies for Functional Area report.
 2. Select *System* from the Functional Area prompt.
 3. Select Domain Security Policy > Enable from the related actions menu of the *Adaptive Planning Integration* domain.
 4. Select Edit Permissions on the domain.
 5. Add a security group with View and Modify permissions.
 6. [Activate Pending Security Policy Changes](#).

Workday doesn't presync or sync certain users.

Cause	Solution
A user doesn't have a public email in Workday.	<p>Security: These domains in the Personal Data functional area:</p> <ul style="list-style-type: none"> • <i>Person Data: Personal Photo</i> • <i>Self-Service: Personal Photo</i> <ol style="list-style-type: none"> 1. View the profile of the unsynced user. 2. Select Edit > Change Work Contact Information on the contact information. 3. Select Add from the Email section. 4. Enter the email for the user. 5. Select <i>Public</i> from the Visibility prompt.

Cause	Solution
A user isn't a member of the Adaptive Planner security group that you created.	<p>Security: These domains in the System functional area:</p> <ul style="list-style-type: none"> • <i>Security Activation</i> • <i>Security Configuration</i> <ol style="list-style-type: none"> 1. Access the View Security Group report. 2. Select the Adaptive Planner security group from the Security Group prompt. 3. From the related actions menu on the security group, select User-Based Security Groups > Assign Users. 4. Select the unsynced users from the System Users prompt.
A user doesn't have access to the <i>Access Adaptive Planning</i> domain.	<p>Security: These domains in the System functional area:</p> <ul style="list-style-type: none"> • <i>Security Activation</i> • <i>Security Configuration</i> <ol style="list-style-type: none"> 1. Access the Maintain Permissions for Security Group task. 2. Select <i>Maintain</i> on the Operation field. 3. Select the Adaptive Planner security group that you created from the Source Security Group prompt. 4. Add a row for the domain. 5. Select <i>View and Modify</i> from the View/Modify Access prompt. 6. Select <i>Access Adaptive Planning</i> from the Domain Security Policy prompt. 7. Activate Pending Security Policy Changes.
A user has an inactive account.	<p>Make sure you determine why an account is inactive before you activate the account. An account is inactive when it's disabled, expired, or locked.</p> <p>If it's disabled:</p> <p>Configure the <i>Edit Workday Account</i> business process and security policy in the System functional area.</p> <ol style="list-style-type: none"> 1. Access the Edit Workday Account task. 2. Clear the Account Disabled check box. <p>If it's expired:</p> <p>Configure the <i>Edit Workday Account</i> business process and security policy in the System functional area.</p> <ol style="list-style-type: none"> 1. Access the Edit Workday Account task. 2. Clear the Account Expiration Date field. <p>If it's locked:</p>

Cause	Solution
	<p>Security: <i>Lock Out Workday Accounts</i> domain in the System functional area.</p> <ol style="list-style-type: none"> 1. Access the Manage Workday Accounts task. 2. Select the account from the Include Selected Workday Accounts prompt.
A user shares the same email as another user in Adaptive Planning.	<p>Once you sync at least 1 user, contact Support to help you modify account information in Adaptive Planning.</p> <ol style="list-style-type: none"> 1. From the All Users page in Adaptive Planning, click Edit for the unsynced user. 2. Change the email on the Username field when you select Use username as email. 3. Change the email on the Email field when you select the text box.
A user specifies their username as their email in Adaptive Planning.	<p>Once you sync at least 1 user, contact Support to help you modify account information in Adaptive Planning.</p> <ol style="list-style-type: none"> 1. From the All Users page in Adaptive Planning, click Edit for the unsynced user. 2. Enter an email on the Email field when you select the text box.

Workday and Adaptive Planning users are out of sync.

Cause: You refresh either only the Workday tenant or the Adaptive Planning instance.

Solution:

Steps

Security

- These domains in the System functional area:
 - *Security Administration*
 - *Security Activation*
 - *Security Configuration*
 - *Set Up: Tenant Setup - Adaptive Planing*
 - *Set Up: Tenant Setup - General*
 - *Adaptive Planning Integration*

Note: You should only perform these steps after a major tenant or instance lifecycle even, such as a tenant or instance clone. These steps aren't for day-to-day operation in your Production tenant.

1. Access the Reset User Sync Mapping with Adaptive Planning task.
2. Select Confirm and click Reset User Sync Mapping.
3. Access the Tenant Setup report.
4. Select Adaptive Planning > User Sync tab.
5. Click Pre-Sync to send user accounts from Adaptive Planning to Workday.
6. Click Sync to send the Workday ID for each user account from Workday to Adaptive Planning.

Related Information

Tasks

[Steps: Set Up SAML SSO into Adaptive Planning for Synced Users on page 27](#)

[Sync Users with Adaptive Planning on page 29](#)

FAQ: Unified User Provisioning and Authentication: General

What is UAM, UPA and UPW? How are they related?

- Unified User Provisioning and Authentication(UPA), is a Workday service designed to provide unified user provisioning and authentication across all Workday applications, including Adaptive Planning. Its main goal is to unify the authentication and identity management components between Workday core systems and acquired applications like Adaptive Planning.
- The User Provisioning Workspace (UPW) is a key component of UPA, designed to provide centralized management and configuration for user access across various Workday applications, including Adaptive Planning.
- Unified Access Management (UAM) is a Workday service that provides centralized access management for Adaptive Planning through permission assignment and security group sync to Adaptive Planning.

Is Proxy Login supported with UPA?

The proxy login feature is currently not available. We're working on delivering it in a future release.

Is UAM required for UPA?

Yes, UAM is a prerequisite for UPA configuration.

I am already performing SSO and user sync through Workday HCM and Financials. Do I need to switch to UPA?

Yes, we recommend all customers to switch from the current SSO and user sync to UPA because of its benefits.

What are the benefits of UPA?

UPA provides:

- A more unified and streamlined sign-in process with instance specific menu items.
- Direct sign-in using Adaptive Planning Instance-specific URLs.
- Real-time or hourly user sync and attribute updates for individual Adaptive Planning instances.
- Direct user sync to specific Adaptive Planning instances. The legacy user sync method sync only to the parent instance.
- Automatic instance assignment centrally managed through security groups. The legacy user sync method manually assigns instances.
- Direct access Adaptive Planning APIs using Workday access tokens.
- Simplified Workday tenant management configuration.

Can I enable UPA in a non-production environment to decide whether to enable it in production later?

Yes, you can first enable UPA in a non-production environment. However, when a refresh happens from production, UPA configuration gets wiped out in the non-production environment.

How much downtime is required to implement UPA?

There is no downtime requirement for UPA. During UPA configuration, the current login and user sync continue to work until you flip the switch to UPA.

What steps do I need to take after the weekly sandbox refresh?

No manual steps are required after the weekly sandbox refresh.

FAQ: Unified User Provisioning and Authentication: Instance Assignment

Today, I manually assign users with correct instances in a multi-instance hierarchy. How does it change with Unified User Provisioning and Authentication (UPA)?

For UPA, you don't need to configure instance assignment in a multi-instance hierarchy. The instance assignment happens automatically based on the provisioning groups in the User Provisioning Workspace (UPW).

What's the impact of Unified User Provisioning and Authentication (UPA) on Integration System Users (ISU)?

With UPA, you can sync ISU users from Workday to Adaptive Planning through UPW. You don't need to manually add ISU users to the Tenant Setup Report.

What changes do I need to make for API authentication?

You don't need to make any changes for API authentication.

What changes do end users experience with UPA?

End-user sign-in experience is enhanced. They can sign in using either method:

- Sign in to Workday HCM or Financials and then SSO into Adaptive Planning.
- Use the Adaptive Planning instance specific URL and authenticate through Workday HCM or Financials.

What happens to the security groups used for the current user sync method?

Nothing happens. UPA configuration doesn't impact these security groups.

How are UPW and UAM security groups related?

They aren't related. You can use the same or different security groups for UPW and UAM.

In which environment do I test UPA? Can I use Sandbox for the test?

No, we recommend using an IMPL environment for testing the UPA implementation. You shouldn't use a sandbox environment because it gets refreshed every week. During refresh, the UPA and Unified Access Management (UAM) policies get wiped out from production.

How do I check or know if my tenant is UPA enabled?

When UPA is enabled and working, you can view an additional BeaconID field on the All Users list page in Adaptive Planning. The BeaconID is an internal ID that links users between Workday and Adaptive Planning.

Why don't I see a migration button on UPW?

The migration option is only required for tenants that are already configured with existing user sync. If your tenant was never configured for user sync, then you don't see the migration option.

Can I reverse or disable UPA after enabling it?

No. After enabling UPA, you can't disable it and revert back to legacy user sync.

What happens when a user is terminated in Workday HCM after being synced into Adaptive Planning?

If users are removed from Workday, they're also removed from Adaptive Planning automatically.

What's the purpose of the preview report?

The preview report pulls user data from Adaptive Planning and compares it with the user data in the provisioning group in UPW. The preview report also resets and forces a full user sync.

FAQ: Unified User Provisioning and Authentication: Multi-Instances

I have three Adaptive Planning instances as part of a multi-instance hierarchy in production. Can I configure Unified User Provisioning and Authentication (UPA) for only one instance and not for others?

No. You must configure UPA for all instances within a multi-instance hierarchy.

Will the parent or security Adaptive Planning instance be required for UPA?

Yes, the parent instance is still required for an Adaptive Planning multi-instance hierarchy.

Do I need to sync all users to the parent security instance to get access to a child instance?

No, you only need to sync admin users to the parent instance. You can sync non-admin users to child instances.

Can I assign a user to only a child instance, without creating an account in the parent instance?

Yes, you can assign a user to only a child instance without providing access to the parent instance.

When users click an Adaptive Planning instance from the Workday menu, are they taken to their default assigned instance?

No, the users land directly on the Adaptive Planning instance that they selected, not their default instance.

If the default instance is not used for user sign-in, where is it used?

When users make API calls without specifying an Adaptive Planning instance, then we fetch data from the the default instances assigned to these users.

Do I still need to assign the default instance for every user?

You only need to assign default instances to users who need to make public APIs calls.

FAQ: Unified User Provisioning and Authentication: Sign-In

Why don't I see all Planning Instances in the Workday Menu?

The Adaptive Planning instance list gets dynamically populated based on the user's access in the multi-instance hierarchy. If you don't see an Adaptive Planning instance, it means that you are not part of the User Provisioning Workspace (UPW) provisioning group for that Instance.

With UPA there are two ways to sign in to Adaptive Planning. Can I disable one method?

No, you can't disable one of the ways to sign in to Adaptive Planning.

Which method of login is recommended - Vanity URL based or Workday UI based?

We don't recommend one method over the other. You can use either or both of these methods.

How do I get the application specific URL for my Adaptive Planning Instance?

You can find the application specific URL from Administration > General Setup > Application URL.

Where is the Adaptive Planning instance name that displays in the Workday navigation menu coming from?

Which Adaptive Planning instances get displayed on the Workday Home page menu?

The Adaptive Planning instance name is coming from Administration > General Setup > Name field in Adaptive Planning. After configuring UPA, you can't change the instance name.

Based on user provisioning workspace policy configuration, you can only see the Adaptive Planning instances that you have access to.

FAQ: User Provisioning Workspace

What application tiles are visible in the User Provisioning Workspace (UPW)?

All Adaptive Planning instances that are configured for UPA in that particular Workday environment are visible in UPW. Example: In Workday production environment, in UPW, you don't see Adaptive Planning sandbox instances.

What types of security groups are supported with UPW?

UPW supports user-based and role-based (unconstrained) security groups.

When I use a security group in UPW, does it get synced to Adaptive Planning?

No, only users within the security groups get synced to Adaptive Planning. The security groups themselves aren't synced.

What's the frequency of user sync? Can I change it?

If users are:

- Part of a user-based security group, then they get synced in real time.
- Part of a role-based security group (unconstrained), then they get synced within an hour .

Which users are synced after UPA configuration is done?

After UPA configuration is done, only the users that are either added or removed from the security groups are synced to Adaptive Planning. Users that are already synced aren't touched unless something changes.

What happens when a security group attached to a provisioning policy changes?

If users are added or removed from security groups, the changes get reflected automatically in Adaptive Planning.

What's the matching criteria for users between Workday and Adaptive Planning?

UPW follows this sequence to match users between Workday and Adaptive Planning:

- BeaconID
- User's WID
- Username

Enable Features After User Sync

Prerequisites

Security:

- *Set Up: Tenant Setup - General* in the System functional area.
- *Set Up: Tenant Setup - System* in the System functional area.

- *Set Up: Tenant Setup - Adaptive Planning* in the System functional area.

Context

When you configure Security Assertion Markup Language (SAML) Single Sign-On (SSO) with user sync, you must enable these features in Workday immediately after syncing your first user. Users can then sign in to Adaptive Planning.

- Notifications
- Publish Plans

Enable these features, as required:

- OfficeConnect
- Public APIs
- Headcount Planning

Steps

1. Access the Tenant Setup report.
2. Select the Adaptive Planning tab.
3. Select the different tabs to enable to features from these tabs. As you enable the features, consider:

Option	Description
Notifications	<p>Once you enable notifications, synced users will no longer be able to access the links in any existing Adaptive Planning alert emails. Links will be accessible through Workday notifications or emails created for these notifications.</p> <p>Workday only supports email notifications for:</p> <ul style="list-style-type: none"> • Process task assignments. • Sharing perspective snapshots. • Sharing web reports. • Sheets approval using workflows. • Success or failure of Integration tasks. <p>You can directly access the item that your notification is about from your notifications for:</p> <ul style="list-style-type: none"> • Sharing web reports. • Process task assignments. <p>Access Adaptive Planning directly to download:</p> <ul style="list-style-type: none"> • Your dashboard snapshot in your dashboard history. • Table data in your notifications log.
Publish Plans	<p>After you enable this functionality, to publish a plan you must:</p> <ul style="list-style-type: none"> • Create a plan structure and plan template for financial and headcount planning. • Give publish access for the plan type to roles.

Option	Description
	<ul style="list-style-type: none"> Enable publishing access on the plan version that you want to publish.
OfficeConnect	<p>If you enable OfficeConnect, click the OfficeConnect API Client link to generate these client details:</p> <ul style="list-style-type: none"> Client ID Workday REST API Endpoint URL Authorization Endpoint URL <p>Save these details for later to configure a tenant in OfficeConnect. See Add OfficeConnect Tenants (Workday).</p> <p>Note: To use OfficeConnect with Workday Financial Management, you must enable it also from the Financials tab on the Tenant Setup report and generate the OfficeConnect API client details.</p>
Public APIs	<p>If you enable public APIs, create integration system users (ISUs) using the task on this tab. Workday uses these ISUs to enable your users to access Adaptive Planning APIs using their Workday credentials. We recommend that you test that these ISUs sync correctly before you continue setting up your APIs by:</p> <ol style="list-style-type: none"> Signing in as those users. Accessing the Adaptive Planning worklet.

Result

Based on which event occurred most recently, Workday sets your feature expiration dates to either:

- 3 years after you enable the features.
- 3 years after your most recent refreshes.

Next Steps

Configure routing rules for your notifications.

If you enable users to publish plans:

- Create a plan structure and plan template for financial and headcount planning.
- Configure publishing access for the roles and on plan version that you want to publish.

If you enable OfficeConnect, connect OfficeConnect to your Workday tenant.

If you enable public APIs, create integration system users.

Refresh your feature setups before their expiration dates.

Related Information

Concepts

[Concept: Reporting on the Financial Modeled Data Source](#)

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

[Enable OfficeConnect for Workday Financial Management](#)

Reference

[2022R1 What's New Post: OfficeConnect Availability for Financial Management](#)

Reference: Adaptive Planning Notification Types

Routing rules enable you to configure the channel and frequency that your users receive Adaptive Planning notification messages. You can configure a parent rule for all Adaptive Planning notification messages and individual rules for each notification type, which override the parent rule.

Notification Type	Description
Integrations	<p>Integrations-related notifications.</p> <p>Examples:</p> <ul style="list-style-type: none"> Integration task status. Data-mapping failure updates. Integration staging table downloads. Member-mapping downloads. Loader previews.
Planning Notifications	<p>Notifications related to Adaptive Planning tenant support updates.</p> <p>Examples:</p> <ul style="list-style-type: none"> We enabled and disabled tenant support so that support users can access customer environments. We added or removed support users.
Process Task	<p>Automatically-generated process-related notifications.</p> <p>Examples:</p> <ul style="list-style-type: none"> Someone created a new task for you. Someone changed an existing task that's assigned to you.
Send Notification	Process-related notifications that you send to other users participating in process tasks.
Share Report	The notification that you receive when someone shared a report with you.
Share Snapshot	The notification that you receive when someone shared a Dashboard snapshot with you.
Workflow	Workflow-related notifications. Examples: Someone approved, rejected, or updated a workflow that you're participating in.

Related Information

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

[Steps: Set Up Workday Notifications](#)

[Enable Features After User Sync on page 40](#)

Steps: Set Up Proxy User Access to Adaptive Planning

Prerequisites

- Set up SAML SSO and user sync with Adaptive Planning.
- Sync the proxy user who will sign in on behalf of other users with Adaptive Planning.
- Security: *Security Configuration* domain in the System functional area.

Context

With proxy user access, administrators can:

- Sign in to a non-Production Workday Adaptive Planning environment on behalf of synced users.
- Test user access and user sync functionality such as:
 - Notifications
 - Publish Plans
 - OfficeConnect
 - Public APIs
- Enable customers to go live on a successfully tested implementation.

Steps

1. Create a user-based security group and assign members.

The members of this security group can proxy into Adaptive Planning. They can test the access on behalf of the security group members that the Access Adaptive Planning domain secures.

[See Create User-Based Security Groups.](#)

2. Create a Proxy access policy and specify:

- The non-Production Workday environment to which the proxy access policy applies.
- The security group that can proxy into Adaptive Planning.
- The security group on whose behalf users can act when they sign in to Adaptive Planning.

[See Example: Create a Proxy Access Policy.](#)

3. As a security group member who can proxy, sign in to a non-production Workday Adaptive Planning environment.

4. Start a proxy session by accessing the Start Proxy task and specify the user on whose behalf you want to act.

[See Concept: Proxy Sessions.](#)

5. On the Welcome, On behalf of <proxied user> page, select the Adaptive Planning worklet. The Welcome to Workday Adaptive Planning page displays.

6. On behalf of the proxied user, test and verify their access to Adaptive Planning and user sync functionality.

7. When done, sign out from Adaptive Planning.

8. Stop the proxy session by accessing the Stop Proxy task.

Result

Proxy access validates the Adaptive Planning implementation for the user. The audit logs record the sign-in details of the proxy user. Use the `exportSecurityAudit` API to retrieve this information.

Example

Policy Name: Workday Proxy Access policy

Groups That Can Proxy: Adaptive Planning Proxy Users

On Behalf Of: Adaptive Planners

Related Information

Reference

[exportSecurityAudit](#)

OfficeConnect for Workday

Example: Alternate Sign-In Option for OfficeConnect

This example illustrates 1 way to configure an authentication selector that enables users to select a different sign-in flow when their usual sign-in isn't desirable.

Context

The desired authentication flow at your company, Global Modern Services (GMS), redirects users to:

- Your SAML Identity Provider (IdP) for Single Sign-On when they access your company URL from a browser that Workday recognizes as a standard computer.
- The GMS sign-in page when they access your company URL from a browser that Workday recognizes as from a mobile device.

For users who access OfficeConnect, however, this sign-in flow isn't appropriate. In this case, Workday needs to redirect them to the SAML IdP, even if coming from a computer with mobile characteristics.

Example: A touchscreen. To accommodate those users, configure an authentication selector that provides an alternate flow so they can sign in.

Prerequisites

- You must have security administrator privileges.
- You must set up your tenant for SP-initiated SAML.
- Security: *Set Up: Tenant Setup - Security* domain in the System functional area.

Steps

1. Access the Edit Tenant Setup - Security task.
2. In the Redirection URLs grid in the Single Sign-on section, select Authentication Selector for the Redirect Type.
3. In the Authentication Selector field, select *Create Authentication Selector*, and name the authentication selector Multiple Auth Paths.
4. Add a row in the Redirection URLs grid for OfficeConnect users:

Option	Description
Name	OfficeConnect Sign-In
Login Redirect URL	https://myworkday.com/gms/login-saml2.html
Mobile Browser Login Redirect URL	https://myworkday.com/gms/login-saml2.html

5. Add another row for all other users:

Option	Description
Name	GMS Sign-In
Login Redirect URL	https://myworkday.com/gms/login-saml2.html

Option	Description
Mobile Browser Login Redirect URL	https://www.gms.com

6. Click OK.
7. Click OK and Done.

Result

When users enter the GMS company URL into a browser, a sign-in page with 2 options displays:

- GMS Sign-In
- OfficeConnect Sign-In

If the user accesses the sign-in page from a standard computer, both the GMS Sign-In and OfficeConnect Sign-In options redirect them to the IdP for sign-in. If the user accesses the sign-in page from a computer with mobile characteristics:

- The GMS Sign-In option redirects them to the GMS home page.
- The OfficeConnect Sign-In option redirects them to the IdP for sign-in.

Troubleshooting: Sign-in to OfficeConnect Redirects Using Mobile Browser Login URL

Sometimes when a user wants to sign in to OfficeConnect using SP-initiated SAML Single Sign-On (SSO), a message displays indicating that the site can't be reached.

Cause: Workday uses the User Agent HTTP header of the browser to determine if a mobile device is connecting. Some newer laptops are hybrid mobile devices or tablets so their user agent displays that. Workday then uses the Mobile Browser Login Redirect URL instead of the Login Redirect URL.

Solution: The Mobile Browser Login Redirect URL must match the Login Redirect URL. Alternately, you can add an authentication selector in Workday to enable users to sign in using a different option.

Steps

Security: *Set Up: Tenant Setup - Security* domain in the System functional area.

1. In Workday, access the Edit Tenant Setup - Security task.
2. Unless you want to force multiple authentication paths, update the Mobile Browser Login Redirect URL to match the Login Redirect URL.
3. (Optional) To provide multiple authentication paths that users can select, set up an authentication selector.

[See Example: Alternate Sign-In Option for OfficeConnect on page 45.](#)

Related Information

Reference

[Troubleshooting: SAML](#)

Workforce Planning Configuration Manager

Steps: Create Workday Credentials in Adaptive Planning

Prerequisites

- Sync your integration system user (ISU).
- For headcount planning with a workforce planning configuration manager, work with a Workday-certified implementer to set up the feature. If you don't have access to an implementer, contact your Customer Success Manager to engage Professional Services.
- Enable the OAuth 2.0 Client setting on the Edit Tenant Setup - Security task.

- Security:
 - *Data Designer* permission in Adaptive Planning.
 - *Integration Operator* permission in Adaptive Planning.
 - *Set Up Tenant Setup - Security* domain in the System functional area.
 - *Security Administration* domain in the System functional area.
 - For headcount planning with a workforce planning configuration manager, ensure the integration system security group (ISSG) for your ISU includes Modify access to the *Set Up: Adaptive Planning* domain in the System functional area.

Context

You can create a credential to authenticate a specific Workday tenant and ISU with a Workday data source in an Adaptive Planning instance. A Workday credential must exist to:

- Create a Workday data source in Adaptive Planning.
- Activate a Workday Adaptive Planning instance in the workforce planning configuration manager in Workday.
- Create loaders to import data and metadata from Workday to Adaptive Planning.
- Create a Workday external system for drillback into Workday.
- Publish plans from Adaptive Planning to Workday.

Publishing plans from Adaptive Planning to Workday requires a Workday credential configured with a JWT bearer token.

If you use workforce planning in Adaptive Planning, we create a Workday credential for you. You must edit the credential so that you can use it.

Steps

1. In Adaptive Planning, go to Integration > Design Integrations.

2. Create or edit your Workday credential in the Credentials section of the Component Library.

If you create a new Workday credential, name your credential so you can identify the Workday tenant it connects to.

If you use workforce planning, we already created a credential named Workday Credential for you to edit.

We automatically populate the Client Grant Type with *Jwt Bearer Grant*. To publish plans, we require your credential to use the *Jwt Bearer Grant* client type.

3. We automatically populate the Connection with Local.

Local indicates that this credential matches the Adaptive Planning instance initially paired to a Workday tenant by the Provisioning team. Only local connections let you set up Workday external systems for drilling and publishing plans from Adaptive Planning.

To create a credential for a different Workday tenant, select External.

Note: Selecting External prevents you from using a credential for publishing plans and drilling from Adaptive Planning to Workday.

As you create the connection to a different Workday tenant, consider:

Option	Description
Remote Tenant ID	Copy over the text after the last / in the Workday REST API endpoint.
Remote UI URL	Copy over the fully qualified domain name without https:// from the Workday Authorization Endpoint.

Option	Description
	Don't include any of the characters following the .com.
Remote Rest URL	Copy over the fully qualified domain name without https:// from the Workday REST API Endpoint. Don't include any of the characters following the .com.

4. Click View Certificate and copy the x.509 certificate.

Use this certificate in the Register API Client task in Workday.

Don't close this web browser.

5. [Register API Clients](#).

As you complete the task, consider:

Option	Description
Client Name	Enter a client name that indicates this client connects with Adaptive Planning.
Client Grant Type	Select JWT Bearer Grant.
x509 Certificate	Paste the certificate that you copied from Adaptive Planning.
Access Token Type	Select Bearer.
Scope (Functional Areas)	Select Tenant Non-configurable. If you want to access the Location dimension from Workday in Adaptive Planning, also select Organizations and Roles. Configure the security group for <i>View Only Access</i> and <i>Get and Put</i> on the domain <i>Set Up: Organization</i> . When you use workforce planning configuration managers, select the functional areas for all data sources and report fields on your planning application.

6. Copy the Client ID.

Don't browse away from the *Register API Client* task before copying the Client ID.

7. Return to the web browser for Adaptive Planning and paste the Client ID.

8. Enter the ISU associated with this credential.

Workday recommends using an ISU for access and security to make credential maintenance and management easier.

9. (Optional) Click Test Connection in the Actions pane to verify that the connection succeeded .

10. Save the credential.

Authorization Status and Configuration Status update to indicate that the configuration completed.

11. For headcount planning with a workforce planning configuration manager, click Register Orchestration.

When you register orchestration, you make this instance available in the Select Instance & Activate page in the workforce planning configuration manager in Workday.

Next Steps

For headcount planning with a workforce planning configuration manager, access the Manage Workforce Planning Configuration task to automatically create:

- Levels hierarchies.
- Dimensions and dimension values.
- Attributes and attribute values.
- Plan versions.
- Personnel modeled sheet and data.
- Modeled accounts for FTE, Headcount, and Cost of Workforce.
- Integration data sources.
- Integration metadata and data loaders.
- Orchestration tasks.
- Integration tasks with metadata and data refresh schedules.
- Workday external systems.

For financial planning and headcount planning without a workforce planning configuration manager, create an integration system user (ISU) and API client so that you can create your Workday data source.

Related Information

Tasks

[Create Integration System Security Groups](#)

[Steps: Set Up Workday Data Sources for Adaptive Planning on page 71](#)

Manage Workforce Planning Configurations

Prerequisites

- Work with a Workday-certified implementer to set up this feature. If you don't have access to an implementer, contact your Customer Success Manager to engage Professional Services.
- Enable and set up Human Capital Management (HCM).
- Enable and set up Workday Workforce Planning. Workday Workforce Planning is a separate product (SKU) that requires a separate license.
- In Workday Adaptive Planning, create and register for orchestration the Workday data source credential for the Adaptive Planning instance you want to configure.
- On the API client that you use for the data source credential, change the scope to include all the functional areas for the data sources and report fields on your planning application.
- Security:
 - *Set Up: Adaptive Planning* domain in the System functional area. Ensure that you're assigned to a security group with Modify access on this domain.
 - *Set Up: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area. Ensure that you're assigned to a security group with Modify access on this domain.
 - For modeled sheets that contain restricted access to salary details, ensure that you have the *Access Salary Detail* permission in Adaptive Planning.

Context

You can configure and activate the workforce planning configuration manager in Workday to reduce the implementation time of headcount planning in Adaptive Planning. The workforce planning configuration manager automatically creates Adaptive Planning:

- Levels hierarchies.
- Dimensions and dimension values.
- Attributes and attribute values.
- Plan version.

- Positions modeled sheet and data.
- Modeled accounts for FTE, Headcount, and Cost of Workforce.
- Integration data sources.
- Integration metadata and data loaders.
- Orchestration tasks.
- Integration tasks with metadata and data refresh schedules.
- Workday external systems.

You can configure dimensions like Cost Center, Company, and Location to load into Adaptive Planning as list or hierarchical dimensions.

The orchestration task in Adaptive Planning creates everything except levels and dimension values. Adaptive Planning creates the levels and dimension values after the task completes.

Links to view objects in Adaptive Planning function only for tenants configured with User Sync.

You can only edit the Workday custom reports created by the configuration setup from within the planning configuration manager.

Once you create a planning configuration manager, you can continue to edit it until you activate. After you activate the planning configuration manager, you can still make and activate these changes:

- Add attributes to existing levels and dimensions.
- Add custom dimensions.
- Change the top level hierarchy, Included values, Excluded values, and Advanced Filter values on levels and dimensions.
- Change your roster sheet filters, but you can't reorder the filters.

Steps

1. Access the Manage Workforce Planning Configuration task.
2. Either create a new configuration or change an existing configuration.
3. Select how you plan to use this planning configuration manager:
 - *Use Plan and Execute Tasks*. Enables you to execute positions directly from headcount and headcount forecast plans created from this planning configuration manager.
 - *Plan in Adaptive Planning*. Enables you to only use this planning configuration manager to manage your headcount data and metadata. You can continue to headcount plan in Adaptive Planning and publish workforce planning actions.

Once you create your planning configuration manager, you can't change this option. If you created a planning configuration manager before 2023R2, you can edit it and select how you plan to use it.

4. As you complete the Level page, consider:

Option	Description
Dimension	<p>Select for your level either:</p> <ul style="list-style-type: none"> • <i>Company</i>. • <i>Cost Center</i>. • <i>Supervisory Organization</i>. • A custom organization. <p>This dimension becomes unavailable in the Dimensions page.</p> <p>You can select multiple attributes for the dimension.</p>
Configure	(Optional) Configure a filter for the level. You can't select:

Option	Description
	<ul style="list-style-type: none"> Report fields that contain parameters. Calculated fields with or without parameters. <p>If you configure a filter, it applies to both the level and nonhierarchical level attributes.</p> <ul style="list-style-type: none"> Top Level Hierarchy filters only the hierarchies. You can also select midlevel hierarchies. Include and Exclude filter only leaf nodes, and are mutually exclusive. <p>When you select a supervisory organization as your level, you can only use these prompts in these combinations:</p> <ul style="list-style-type: none"> Top Level Hierarchy and Exclude. Include only. Exclude only. <p>Label overrides can't exceed 64 characters.</p>

5. As you complete the Dimensions page, consider:

Option	Description
Dimension	<p>Select 1 or more dimensions. You can only select primary business object report fields. You can't select:</p> <ul style="list-style-type: none"> Report fields that contain parameters. Calculated fields with or without parameters. <p>To use this planning configuration manager for plan and execute tasks, you must include these dimensions:</p> <ul style="list-style-type: none"> Compensation Currency Planning Staffing Status <p>If you add the Worker dimension and want to include closed positions on your roster sheet, remove <i>Active Status</i> from your filter.</p>
Load as List	<p>Flattens the dimension hierarchy.</p> <p>If you select this check box, don't configure the dimension hierarchy as an attribute. If the dimension is hierarchical, we automatically include the hierarchy as an attribute in the background.</p>
Configure	<p>(Optional) Configure a filter for each dimension. You can't select:</p> <ul style="list-style-type: none"> Report fields that contain parameters. Calculated fields with or without parameters.

Option	Description
	<p>If you configure a filter, it applies to the dimension.</p> <ul style="list-style-type: none"> • Top Level filters only the hierarchies. You can also select midlevel hierarchies. • Include and Exclude filter only leaf nodes, and are mutually exclusive. <p>You can select multiple attributes for each dimension.</p> <p>Label overrides can't exceed 64 characters.</p>

6. As you complete the Version page, consider:

Option	Description
Plan Version Name	<p>The version created in Adaptive Planning.</p> <p>The name can't exceed 64 characters.</p>

7. As you complete the Roster Sheet page, consider:

Option	Description
Sheet Name	<p>The modeled sheet created in Adaptive Planning.</p> <p>The name can't exceed 64 characters.</p>
Compensation Basis	<p>We automatically select <i>Total Base Pay</i>. You can select other calculation methods.</p> <p>Examples:</p> <ul style="list-style-type: none"> • Select <i>Total Base Pay</i> for workers as Salary. • Select <i>Total Base Pay</i> and <i>Bonus</i> for workers as Salary and Bonus.
Configure Filters	<p>(Optional) Configure additional filters for the data source in Adaptive Planning.</p> <p>If you selected <i>Use Plan and Execute Tasks</i> for this application, we recommend that you filter for supervisory organizations that use the position management staffing model. We don't currently support job management staffing model supervisory organizations in the synced roster sheet and plan and execute tasks. If you continue to include job management staffing model supervisory organizations, your plan administrators and plan participants might select them in error and encounter issues.</p>
Sheet Definition	<p>The columns and settings that form the modeled sheet in Adaptive Planning.</p> <p>You can select:</p> <ul style="list-style-type: none"> • Attributes for dimensions and levels.

Option	Description
	<ul style="list-style-type: none"> Report fields for the primary business object of your level and dimensions for level and dimension-related rows. <p>You can't select report fields that contain parameters.</p> <p>To see modeled accounts as display-only columns on your headcount plan, add them to the roster sheet in Adaptive Planning Model Management before you configure a headcount plan.</p> <p>Select Secure Data to only display the data to users with access on the <i>Compensation Details: Headcount Planning</i> domain. With this check box selected for a field:</p> <ul style="list-style-type: none"> We secure compensation data on headcount plans, headcount forecast plans, and reports. To change the the level dimension value for a position, your planners must have modify access on the <i>Compensation Details: Headcount Planning</i> domain for both the current and new level. Example: When you plan with Supervisory Organization as your level dimension, planners must have modify access on this domain on both the current and new supervisory organization to change this value on a position. <p>We automatically select the check box when you include the Compensation Basis Amount dimension.</p> <p>To see target values for Headcount, FTE, and Cost of Workforce in the Headcount Plan task, create custom accounts with these account codes in Adaptive Planning Model Management:</p> <ul style="list-style-type: none"> TARGET_FTE TARGET_COST_OF_WORKFORCE TARGET_HEADCOUNT

8. To use this planning configuration manager for plan and execute tasks, complete the Map Plan Fields to Task Fields page.

We automatically provide this information using your mapping setup to the *Create Position* business process when you execute positions on the Execute Headcount Plan task. We make these changes immediately available without requiring application activation.

9. As you complete the Preview Data page, consider:

Option	Description
Level	(Optional) Click Preview to view the results, including your applied filters.

Option	Description
	If you see required prompts in preview, revisit your previous steps to remove calculated fields. Calculated fields with prompts prevent metadata loads.
Dimensions	(Optional) Click Preview to view the results, including your applied filters. If you see required prompts in preview, revisit your previous steps to remove calculated fields. Calculated fields with prompts prevent metadata loads.
Roster Sheet	(Optional) Click Preview to view the results. We don't display the roster sheet attributes in the preview, but you can still use the roster sheet attributes on your sheet after you load your data with the planning configuration manager.

The effective date for all generated reports is the current date to ensure that Adaptive Planning uses a snapshot of Workday metadata as of the current date.

Example: You create a new organization today and set its effective date for tomorrow. When you preview what you're going to load into Adaptive Planning today, we don't include that new organization. If you preview the load tomorrow, we include the new organization.

10. As you complete the Refresh Schedules page for metadata and modeled sheet data, consider:

Option	Description
Refresh Frequency	<ul style="list-style-type: none"> <i>Daily</i>: We automatically select this option. You can change the refresh frequency. <i>Weekly</i>: Select the day of the week. <i>Monthly</i>: Select the day of the month. <p>We don't refresh the headcount and headcount forecast plan versions created using the plan and execute tasks.</p>
Start Time	The refresh start time.

11. On the Security page, review and correct any security issues preventing you from completing the setup.

We require you to:

- Give your ISU access to all of these data sources and report fields.
- Select the functional areas for all of these data sources and report fields on your API Client Scope.

12. On the Select Instance & Activate page, activate an Adaptive Planning instance.

The list only includes instances of Workday data source credentials registered for orchestration from Adaptive Planning. You can only activate 1 workforce planning configuration manager for each Adaptive Planning instance.

We only display this page when you activate your planning configuration manager for the first time. After the first time, we display the Review Changes and Activate page instead.

13. When you change activated applications, either activate or discard all your changes on the Review Changes and Activate page.

Result

We automatically create custom reports in Workday that you can't edit or delete. We use these custom reports in the load to Adaptive Planning.

We append (Active) to the name of the workforce planning configuration manager in Workday.

Metadata structures load within 15 minutes of activation, and refresh every 15 minutes. Metadata values load on your configured schedule. To troubleshoot orchestration errors, you can manually trigger the orchestration task from Design Integrations in Adaptive Planning.

Ensure you configure the Workforce Snapshot data loader import Mode Type to:

- Replace All following each orchestration when the planning configuration manager Purpose is configured for Plan and Execute Tasks
- Update Existing & Add New Rows following each orchestration when the planning configuration manager Purpose is configured for Plan in Adaptive Planning.

You can't drill back from Time Type and Event Classification Subcategory from your modeled sheet because View reports don't exist for them in Workday.

If you no longer want to automatically update Adaptive Planning, unregister the orchestration. When you unregister, the workforce planning configuration manager no longer updates Adaptive Planning.

To deactivate the workforce planning configuration manager, select Unregister Orchestration within the Workday data source credential. After deactivation, we recommend that you delete the planning configuration manager-created items in Adaptive Planning. You delete the integration items first, then the model management items.

You can reregister for orchestration to:

1. Reactivate the orchestration tasks.
2. Enable your planning instance for configuration in the workforce planning configuration manager in Workday.

You can't enable reports automatically created by planning configuration managers for Prism. Instead, we recommend that you create copies of these reports and enable those copies for Prism.

Next Steps

In Adaptive Planning:

- Edit your sheets in the sheet builder to display the number of decimal places that you want.
- Create your headcount plan, which you can publish back into Workday.
- Configure data privacy in the sheet builder for the modeled accounts.
- Enable Viewing this sheet or any of its rows requires Salary Detail permission on the sheet definition.
- For headcount planning, create these custom accounts with default formulas for the modeled sheet:
 - Attrition. Use this case-sensitive code: REPORT_TERMINATION
 - Ending Headcount. Use this case-sensitive code: REPORT_HEADCOUNT
 - Filled. Use this case-sensitive code: REPORT_HEADCOUNT_FILLED
 - Open. Use this case-sensitive code: REPORT_HEADCOUNT_OPEN
 - Planned. Use this case-sensitive code: REPORT_NEW_HIRE
 - Starting Headcount. Use this case-sensitive code: REPORT_STARTING_HEADCOUNT
 - Target Cost of Workforce. Use this case-sensitive code: TARGET_COST_OF_WORKFORCE
 - Target FTE. Use this case-sensitive code: TARGET_FTE
 - Target Headcount. Use this case-sensitive code: TARGET_HEADCOUNT

- (Optional) Edit the formulas for these automatically created modeled accounts for the modeled sheet:
 - Headcount.
 - FTE.
 - Cost of Workforce.
- (Optional) Add additional modeled accounts to calculate additional metrics.
- (Optional) Sort your modeled sheet columns within the Adaptive Planning modeled sheet builder to set their order.

Related Information

Concepts

[Concept: Loaders](#)

[Concept: Data Sources](#)

Tasks

[Steps: Set Up Headcount Planning on page 125](#)

Reference

[Reference: Credentials, Data Sources, Loaders, and Sheets from Workforce Planning Configuration on page 57](#)

[Reference: Workforce Planning Configuration Cleanup After Deactivation on page 58](#)

Examples

[Troubleshooting: Migrate Workforce Planning Application Using Object Transporter on page 59](#)

Concept: Workforce Planning Configuration

The workforce planning configuration manager enables you to quickly configure Workday Adaptive Planning for headcount planning.

The workforce planning configuration manager enables you to configure Adaptive Planning:

- Levels.
- Dimensions and dimension values.
- Integration data sources, loaders, and task.
- Personnel modeled sheet.
- Scheduled refreshes.
- Workday external system.

Benefits

When you use the workforce planning configuration manager, you can:

- Avoid swapping between Workday and Adaptive Planning during setup.
- Skip multiple administration pages in Adaptive Planning.
- Automatically configure and populate data sources and loaders behind the scenes.
- Automatically configure a modeled sheet.
- Preview and explore how the metadata and data from Workday will populate in Adaptive Planning.
- Surface missing or required security settings before you activate.
- Set the refresh schedule of Workday metadata and data into Adaptive Planning.
- Select which Adaptive Planning instance to configure.
- Submit all application configuration settings at once.

Restrictions

When you use the workforce planning configuration manager, you can't:

- Configure 1 tenant or instance environment type for a different environment type. Example: You configure an Adaptive Planning preview instance for a Workday production tenant.

- View or pull in changes made directly within Adaptive Planning data sources and loaders back into the workforce planning configuration manager. Example: You change data sources or loaders after creating them with the workforce planning configuration manager.
- Use Adaptive Planning to add, edit, or delete data and rows in modeled sheets created by the workforce planning configuration manager.
- Use the Adaptive Planning modeled sheet builder to:
 - Edit general properties options on the Columns and Levels page for modeled sheets created by the workforce planning configuration manager.
 - Add data entry, dimension, and attribute columns on the Columns and Levels page for modeled sheets created by the workforce planning configuration manager.
 - Edit or delete columns for modeled sheets created by the workforce planning configuration manager.
- Use Adaptive Planning level, dimension, attribute, and account admin pages to edit:
 - Level name, code, level attribute value name, or level attribute value code created by the workforce planning configuration manager.
 - Dimension name, short name, code, dimension attribute value name, or dimension attribute value code created by the workforce planning configuration manager.
 - Attribute name, short name, value code, or value name created by the workforce planning configuration manager.
 - Account code, account attribute value name, or account attribute value code created by the workforce planning configuration manager.
- Use Adaptive Planning to import level, dimension, attribute, or account structures that alter the name and code mappings created by the workforce planning configuration manager.

Reference: Credentials, Data Sources, Loaders, and Sheets from Workforce Planning Configuration

Status and name prefixes help you identify which of these integration items we automatically created using the workforce planning configuration manager in Workday:

- Credentials.
- Data sources.
- Loaders.
- Sheets.

Use the statuses or prefixes to differentiate which ones you created manually.

Status or Prefix	Description
Orchestration status: Registered	Workday data source credential setting.
Prefix: HPA: Dim -	Dimension loader name.
Prefix: HPA: Lvl -	Level loader name.
Prefix: SYS-HPA: Mdld Sheet -	Modeled sheet name.
Prefix: SYS-HPA: Attr -	Attribute loader name.

Status or Prefix	Description
Prefix: SYS-HPA: Dim -	Workday Data Source Managed Reports - Dimension staging table name.
Prefix: SYS-HPA: Lvl -	Workday Data Source Managed Reports - Levels staging table name.

After you activate the workforce planning configuration manager, we don't reflect edits that you make in Adaptive Planning to any automatically created:

- Credentials.
- Data sources.
- Levels.
- Dimensions.
- Loaders.

Example: The workforce planning configuration manager automatically creates 100 Cost Center as a level after you activate it. You rename the level to 100 CC in Adaptive Planning. That change only resides in Adaptive Planning until the next refresh.

Related Information

Concepts

[Concept: Loaders](#)

[Concept: Data Sources](#)

Tasks

[Manage Workforce Planning Configurations on page 49](#)

Reference: Workforce Planning Configuration Cleanup After Deactivation

To deactivate the workforce planning configuration manager, select Unregister Orchestration within the Workday data source credential. After deactivation, we recommend that you delete the application-created items in Adaptive Planning in this order:

Where to Delete	What to Delete
Design Integrations	Version parameter from the planning data loader.
Design Integrations	Workday data source.
Design Integrations	Metadata and data loaders.
Design Integrations	All integration tasks except the orchestration task. You can't delete the orchestration task in Adaptive Planning Design Integrations.
Design Integrations	Workday external system.
Model Management	Plan version.
Model Management	Level assigned sheets.
Model Management	Levels.
Model Management	Level attributes.
Model Management	Dimensions. This also automatically deletes dimension attributes.

Note: Once you finish deleting, navigate into Design Integrations. This triggers a metadata sync and prevents a 15 minute wait for automatic cleanup.

Related Information

Concepts

[Concept: Loaders](#)

[Concept: Data Sources](#)

[Concept: Versions](#)

[Concept: Custom Dimensions](#)

[Concept: Attributes](#)

[Concept: Levels](#)

Troubleshooting: Migrate Workforce Planning Application Using Object Transporter

Migration fails.

Cause: Some objects in your workforce planning application package are missing their Reference ID.

Solution: Add Reference IDs to those object instances.

Steps

1. On the error message that we display after the failed import, copy the instance IDs of objects that don't have a Reference ID.

Example: We display this error message: Your Package cannot be migrated as some instances do not have a Reference ID in the source tenant. The instances (referenced by their WID) are: [ce6b374cf2441043113792cc50056, cd210bdedf831006ff4617a0e99700cd]. You can retry your migration once all instances have a valid Reference ID.

Copy these instance IDs:

- ce6b374cf2441043113792cc50056
- cd210bdedf831006ff4617a0e99700cd

2. In the source tenant, access each copied instance ID using global search to review the business object for each object instance.

3. Access the Maintain Reference IDs task.

Security: *Set Up: System* domain in the System functional area.

4. Select the business object for the object instance that's missing their Reference ID.

5. (Optional) To review the ID naming pattern and which IDs already exist, select *None of the above* to view all object instances for this business object.

If you review all object instances with Reference IDs, you might save time when you enter new IDs.

6. Enter a Reference ID Value for the object instance that's missing their Reference ID.

7. Try migrating the application from your source tenant to your target tenant again.

Cause: A calculated field exists in both the source and target tenant with the same name, but different Reference IDs.

Solution: Delete the calculated field in the target tenant. When you try migrating again, this calculated field now uses the same name and Reference ID in both the source and target tenants.

See [Manage Workforce Planning Configurations](#) on page 49.

Cause: The name or purpose of the planning configuration manager on your source tenant doesn't match the name or purpose of the planning configuration manager on your target tenant.

Solution: Create a new planning configuration manager on your source tenant with the correct name and purpose, then try migrating again. We don't currently support changing the name or purpose of existing planning configuration managers.

See [Manage Workforce Planning Configurations](#) on page 49.

Cause: The user who creates and saves the planning configuration manager in the source tenant doesn't have access to the *Custom Report Creation* domain in the System functional area in the target tenant. The object transporter requires this user to have access so that we can migrate data and metadata.

Solution: Give this user access to the *Custom Report Creation* domain in the System functional area in the target tenant.

See [Edit Domain Security Policies](#).

Cause: Changed WIDs caused mapping conflicts for the data and metadata loaders in Adaptive Planning following a migration from Implementation to a Production or Sandbox tenant.

Solution: Clear your external mappings and run the SYS-HPA metadata loader task and SYS-HPA data loader task in Adaptive Planning Design Integrations.

Steps

1. Navigate to Modeling > Model Management and select Clear External Mappings.
This removes mappings when Workday IDs (WIDs) changed and caused mapping conflicts after a tenant migrated from Implementation to Sandbox or Production.
2. Navigate to Design Integrations in Adaptive Planning and run the Orchestration task.
3. Run the SYS-HPA metadata loader task.
4. Run the SYS-HPA data loader task.

Can't change report field for a column between migrations.

You migrated a headcount planning application between your source and target tenant. On your target tenant, you change the report field for a roster sheet column. The next time you migrate this application from the same source to the same target, on the target tenant the application:

- Retains the column with the changed report field.
- Adds a new column with the old report field.

Cause: We don't currently support deleting parts of the object during migration.

Solution: Unregister the workforce planning application, update the report field in the workforce planning configuration manager, then initiate the migration.

Steps

1. In Adaptive Planning, select Integration > Design Integrations from the main menu.
Security: *Data Designer* permission.
2. Select the Workday credential that you use for headcount planning.
3. Select Unregister Orchestration.
Keep this browser tab open.
4. On a new browser tab, in your Workday source tenant, access the Manage Workforce Planning Configuration task.
Security: domain in the functional area.
5. Select Edit Existing Application.
6. Select the application where you want to change the report field for a column.

7. Navigate to the Roster Sheet page.
8. Change the Field selection on your column.
9. Select Next.
10. On your Adaptive Planning browser tab, select Register Orchestration.
11. On your Workday browser tab, navigate to the Review Changes & Activate page.
12. Activate the application.
13. Try migrating the application from your source tenant to your target tenant again.

Related Information

Concepts

[Concept: Migrate Workforce and Financial Planning Applications Using Object Transporter](#) on page 70

Tasks

[Steps: Migrate Packages with Object Transporter 2.0](#)

Financial Planning Configuration Manager

Manage Financial Planning Configurations

Prerequisites

You can use the financial planning configuration manager to build your Adaptive Planning model when you have Adaptive Planning with Workday Financials or when you have Adaptive Planning and Consolidation (AP&C). Each has different prerequisites.

For AP&C:

- Set up financial accounting in AP&C. See [Concept: Financial Accounting in AP&C..](#)
- Set up financial plans and budgets in AP&C. [Steps: Set Up Plans or Budgets in AP&C.](#)

For Adaptive Planning with Workday Financials:

- Work with a Workday-certified implementer to set up this feature and its security. If you don't have access to an implementer, contact your Customer Success Manager or Named Support Contact to engage Professional Services.
- Set up financials in Workday.

For both Financials and AP&C:

- In Workday Adaptive Planning, create and register for orchestration the Workday data source credential for the Adaptive Planning instance you want to configure.
- On the API client that you use for the data source credential, change the scope to include all the functional areas for the data sources and report fields on your planning application.
- Security:
 - *Set Up: Adaptive Planning* domain in the System functional area. Ensure that you're assigned to a security group with Modify access on this domain.
 - *Set Up: Financial Planning* domain in the Adaptive Planning for Financials functional area. Ensure that you're assigned to a security group with Modify access on this domain.

Context

You can configure and activate the financial planning configuration manager in Workday to reduce the time it takes to set up Adaptive Planning models and data. The financial planning configuration manager automatically creates Adaptive Planning:

- Level hierarchies by concatenating Workday dimensions according to actuals.
- Dimensions, dimension values, and dimension attributes.

- Asset, liability, equity, and income statement accounts in the Adaptive Planning General Ledger account hierarchy, mapped to Workday ledger account summaries.
- Time strata for default and alternate calendars.
- Corporate and reporting currency with currency exchange rate mapping. For AP&C this includes 1 translated currency that loads to actuals in the currency without the need for exchange rates in Adaptive Planning.
- Actuals version. For AP&C, this includes currency versions.
- Actuals from managed journal line summaries in Workday.
- Integration data sources.
- Integration metadata and data loaders.
- Integration tasks with metadata and data refresh schedules.
- Workday external systems.

You can configure dimensions like Cost Center, Company, and Location to load into Adaptive Planning as list or hierarchical dimensions.

Adaptive Planning creates the levels and dimension values after the task completes.

Links to view objects in Adaptive Planning function only for tenants configured with User Sync.

You can only edit the Workday custom reports created by the configuration setup from within the financial planning configuration manager.

Once you create a financial planning configuration manager, you can continue to edit it until you activate. After you activate the financial planning configuration manager, you can still make and activate these changes:

Plan Structure	No changes after activation.
Level	Change the top level hierarchy, included values, excluded values, and advanced filter values.
Dimensions	<ul style="list-style-type: none"> • Add new dimensions. • Change the top level hierarchy, included values, excluded values, and advanced filter values.
Accounts	<ul style="list-style-type: none"> • Add new attributes. • Change the excluded values and advanced filter values.
Time	No changes after activation.
Currency	No changes after activation.
Version	No changes after activation.
Actuals	<ul style="list-style-type: none"> • Change actuals start period. • Change included values and excluded values on primary level and dimension.
Refresh Schedule	No changes after activation.

Steps

1. Access the Manage Financial Planning Configuration task.

2. Complete the Level page:

Option	Description
Dimension	<p>Select a primary level. <i>Company</i> automatically populates.</p> <p>(Optional) Select a Secondary and Tertiary dimension to concatenate to the Primary dimension.</p> <p>(Optional) Select level attributes for each dimension.</p> <p>To change the primary level, you must include <i>Company</i> as either:</p> <ul style="list-style-type: none"> • Secondary • Tertiary <p>(Optional) Select filters to apply to level dimension metadata. Filters apply to actuals data. You can change the actuals filters in the Actuals page.</p>
Configure	<p>(Optional) Configure a filter for the level. You can't select:</p> <ul style="list-style-type: none"> • Report fields that contain parameters. • Calculated fields with or without parameters. <p>When you configure a filter, it applies to both the level and nonhierarchical level attributes.</p> <ul style="list-style-type: none"> • Top Level Hierarchy only filters the hierarchies. You can also select mid-level hierarchies. • Include and Exclude only filter leaf nodes, and are mutually exclusive. <p>When you select a level, you can only use these prompts in these combinations:</p> <ul style="list-style-type: none"> • Top Level Hierarchy and Exclude. • Include only. • Exclude only. <p>Label overrides can't exceed 64 characters.</p>

3. Complete the Dimensions page:

Option	Description
Dimension	Select a dimension from the list of supported worktag types, including custom organization and custom worktag types.
Load as List	(Optional) Select to add dimension attributes.
Configure	(Optional) Configure a filter for the dimension. You can select custom worktags or organizations.

4. Complete the Accounts page:

Option	Description
Account Set	Select a ledger account set.
Accounts	<p>(Optional) Select Concatenate Revenue Category and Spend Category check box. You can add attributes to the primary ledger account dimension. You can include Revenue Category and Spend Category as dimensions when concatenating with the ledger account.</p> <p>Map Adaptive Planning root accounts to a single individual ledger account summary for each account type.</p> <p>When you select the Concatenate Revenue Category and Spend Category check box:</p> <ul style="list-style-type: none"> • The Accounts Concatenation section becomes available in the Concatenations page. • You can select top level hierarchies for both these accounts if you include them in your account concatenation. You can select more than 1 top level hierarchy to create multiple attributes. • We automatically create these default hierarchy attributes to contain all of the hierarchy values: <ul style="list-style-type: none"> • Revenue Category Hierarchy • Spend Category Hierarchy • When you configure attributes, you can only select either: <ul style="list-style-type: none"> • An Attribute with no Top Level Hierarchy and the Hierarchy Attribute check box cleared. • A Top Level Hierarchy with no Attribute and the Hierarchy Attribute check box selected. <p>Map all income statement and balance sheet accounts if you plan on loading balance sheet data in the future.</p>
Liabilities Assets Equity Income Statement	Map Adaptive Planning root accounts to a single individual ledger account summary for each account type. You can only exclude values from the ledger account summary map when you filter.

5. (Optional) Complete the Concatenations page:

Option	Description
Level Concatenations	<p>Select a:</p> <ul style="list-style-type: none"> • Primary concatenation. • Secondary concatenation.

Option	Description
	<ul style="list-style-type: none"> Tertiary concatenation <p>If you selected a third level dimension in the Levels page, populate all three concatenations for the level.</p>
Account Concatenations	<p>Only available when Concatenate Revenue Category and Spend Category is selected in the Accounts section of the Accounts page.</p> <p>Select a:</p> <ul style="list-style-type: none"> Primary concatenation. Ledger account. Secondary concatenation. Revenue category. Tertiary concatenation. Spend category.

This page enables creating planning-only concatenations, without requiring actuals activity.

When you delete concatenations, they don't automatically delete within Adaptive Planning. Delete the concatenated levels or accounts from Adaptive Planning, separately.

Changed or deleted concatenations don't display in the Preview Data page.

6. Complete the Time page:

Option	Description
Default Calendar	<p>Select a Fiscal Schedule.</p> <p>(Optional) Select Fiscal Summary for more granular detail.</p>
Alternate Calendars	(Optional) Select additional Fiscal Summaries.

To add additional fiscal periods to Adaptive Planning, add them in Workday so that they sync through the Financial Planning Configuration Manager. Sections of the Time Administration page in Adaptive Planning lock when you use the manager. Use the Time loader in Adaptive Planning Design Integrations to update the Adaptive Planning calendar as needed.

7. Complete the Currency page:

Option	Description
Corporate Currency	Select a corporate currency.
Reporting Currency	Select a reporting currency.
Currency Exchange Rate Type Mapping	<p>Map planning exchanges rates to Workday:</p> <ul style="list-style-type: none"> Monthly Average End of Month
Translated Currency	<p>(Optional) Select up to 1 currency. The currencies available are the same as you selected for Corporate Currency and Reporting Currency.</p> <p>Enables you to load actuals data directly from Workday when the data is already in the currency.</p> <p>Example: You have CAD and EUR for reporting currencies. You can now select EUR</p>

Option	Description
	for translated currency. You can load actuals in EUR for all levels, eliminating the need for converting the data to EUR.
Account Translation Rule Set	<p>Prerequisites:</p> <ul style="list-style-type: none"> Select a currency for Translated Currency. Create Rules for Translating Currencies in AP&C. <p>Select a rule set for the translated currency.</p>

The currencies of Included companies in the Level page load automatically after each scheduled synchronization, or after a change to the planning configuration model.

8. Complete the Version page:

Option	Description
Copy Data into Actuals	Select the default actuals version.
Copy Data into Actuals Version	Create the actuals sub-version.

9. Complete the Actuals page:

Option	Description
Ledger	Select a ledger book from Workday Financials.
Book	Select a book code as a filter.
End Period	<p>Select an end period:</p> <ul style="list-style-type: none"> Current Period. Prior Period. Prior - 1 Period.
Actuals Start Period	Select a start period.
Enable Balance Sheet	(Optional) Select to load balance sheet accounts.
Levels	<p>(Optional) Apply additional filters for levels to refine the actuals import.</p> <p>Filters inherit from the metadata filters configured in the Level pages.</p>
Dimensions	<p>(Optional) Apply additional filters for dimensions to refine the actuals import.</p> <p>Filters inherit from the metadata filters configured in the Dimensions pages.</p> <p>You can exclude dimensions you don't need for actuals import.</p> <p>Adding dimensions after activating automatically sets them as Exclude.</p>

10. Complete the Refresh Schedule page for metadata and data:

Option	Description
Refresh Frequency	<ul style="list-style-type: none"> <i>Daily</i>: We automatically select this option. You can change the refresh frequency. <i>Weekly</i>: Select the day of the week. <i>Monthly</i>: Select the day of the month.
Start Time	The refresh start time.
Load Actuals Data for	Current Period. Current and Prior Period for closing consolidation activities.
Time Zone	(View only) The time zone for the refresh schedule.

11. Complete the Preview Data page:

Option	Description
Level	(Optional) Click Preview to view the results, including your applied filters.
Dimensions	(Optional) Click Preview to view the results, including your applied filters.

12. On the Security page, review and correct any security issues preventing you from completing the setup.

We require you to:

- Give your ISU access to all of these data sources and report fields.
- Select the functional areas for all of these data sources and report fields on your API Client Scope.

13. Your implementer completes the Select Instance & Activate page, activating your Adaptive Planning instance.

We only display this page the first time your financial planning configuration manager loads for implementers. After the first time, we display the Review Changes and Activate page, instead.

14. Activate Scheduled Tasks for Planning Configuration Manager only once, after the first time your implementer completes the Select Instance & Activate page.

15. When you change activated applications, either activate or discard your changes on the Review Changes and Activate page.

Result

We automatically create custom reports in Workday that you can't edit or delete. We use these custom reports in the load to Adaptive Planning.

We append (Active) to the name of the financial planning configuration manager in Workday. You can view the statuses by accessing the View Planning Applications task.

Metadata values load on your configured schedule. To troubleshoot orchestration errors, you can manually trigger the orchestration task from Design Integrations in Adaptive Planning.

Next Steps

In Adaptive Planning:

- Create formulas.

- Create additional accounts.
- Build your standard sheets.
- Create your financial plan, which you can publish back into Workday.

If you no longer want to automatically update Adaptive Planning, reset the orchestration task in Design Integrations in Adaptive Planning. Select Reset Orchestration to clear all of your Adaptive Planning integration data sources, loaders, and tasks. When you reset, the financial planning configuration manager no longer updates Adaptive Planning. Resetting doesn't remove any data or metadata that already loaded.

You can reregister for orchestration to:

- Reactivate the orchestration tasks.
- Enable your planning instance for configuration in the financial planning configuration manager in Workday.

Related Information

Concepts

[Concept: Loaders](#)

[Concept: Data Sources](#)

Tasks

[Steps: Create Workday Credentials in Adaptive Planning on page 46](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Concept: Financial Planning Configuration

The financial planning configuration manager enables you to quickly configure Workday Adaptive Planning for financial planning, including Adaptive Planning and Consolidation (AP&C).

The financial planning configuration manager enables you to configure Adaptive Planning:

- Level hierarchies.
- Dimensions and dimension values.
- Integration data sources, loaders, and task.
- Default and alternate calendars.
- Actuals data.
- Actuals version.
- Currencies, including translated currencies.
- Actuals data from managed journal line summaries.
- Scheduled refreshes.

Benefits

The financial planning configuration manager enables you to:

- Avoid swapping between Workday and Adaptive Planning during setup.
- Skip multiple administration pages in Adaptive Planning.
- Automatically configure and populate data sources and loaders behind the scenes.
- Automatically configure the actuals version.
- Preview and explore how the metadata and data from Workday will populate in Adaptive Planning.
- Surface missing or required security settings before you activate.
- Set the refresh schedule of Workday metadata and data into Adaptive Planning.
- Select which Adaptive Planning instance to configure.
- Submit all application configuration settings at once.

Restrictions

When you use the financial planning configuration manager, you can't:

- Configure 1 tenant or instance environment type for a different environment type. Example: You can't configure an Adaptive Planning preview instance for a Workday production tenant.
- View or pull in changes made directly within Adaptive Planning data sources and loaders back into the financial planning configuration manager. Example: You change data sources or loaders after creating them with the financial planning configuration manager.
- Use Adaptive Planning to import level, dimension, attribute, or account structures that alter the name and code mappings created by the financial planning configuration manager.

Reference: Credentials, Data Sources, Loaders, and Sheets from Financial Planning Configuration

Status and name prefixes help you identify which of these integration items we automatically created using the financial planning configuration manager in Workday:

- Credentials
- Data Sources.
- Loaders.
- Integration tasks.

Status or Prefix	Description
Orchestration Status: Registered	Workday data source credential setting.
Prefix: SYS-FPA: SYS-FPI:	Dimension loader name.
Prefix: SYS-FPA: SYS-FPI:	Level loader name.
Prefix: SYS-FPA: SYS-FPI:	Account loader name.
Prefix: SYS-FPA: SYS-FPI:	Planning data loader name.
Prefix: SYS-FPA: Unified Task SYS-FPI: Unified Task The planning configuration manager also creates an Orchestration Task without a prefix.	Integration task name.

Related Information

Concepts

[Concept: Loaders](#)

[Concept: Data Sources](#)

Troubleshooting: Migrate Financial Planning Application Using Object Transporter

Migration Fails

Cause: Changed WIDs caused mapping conflicts for the data and metadata loaders in Adaptive Planning following a migration from an Implementation tenant to a Production or Sandbox tenant.

Solution: Clear your external mappings and run the Unified FPA and Unified FPI tasks in Adaptive Planning Design Integrations.

Steps

1. Navigate to Modeling > Model Management and select Clear External Mappings.
This removes mappings when Workday IDs (WIDs) changed and caused mapping conflicts after a tenant migrated from Implementation to Sandbox or Production.
2. Navigate to Design Integrations in Adaptive Planning and run the Orchestration task.
To avoid integration failures, run the Orchestration Task after Clear External Mappings completes successfully.
3. Run the Unified FPA task.
4. Run the Unified FPI task.

Related Information

Concepts

[Concept: Loaders](#)

Concept: Migrate Workforce and Financial Planning Applications Using Object Transporter

When you migrate your workforce and financial planning application packages using Object Transporter, we use these web services in the background for migration:

- Get Workforce Planning Application
- Put Workforce Planning Application
- Get Financial Planning Application
- Put Financial Planning Application

The Put web service doesn't work if you try to use it by itself instead of through Object Transporter. We require you to use Object Transporter to ensure that a relationship exists between the sheet columns and the custom reports created. By itself, the Put web service can't create that relationship.

When you migrate your planning application, we don't migrate these values if your planning configuration manager is already active on your target tenant; instead, we retain these values on the target tenant as-is:

- Instance code.
- Plan version name.
- Sheet name.
- The metadata refresh schedule from the Refresh Schedule page.
- The roster sheet data refresh schedule from the Refresh Schedule page.

If the planning configuration manager on your target tenant is inactive or doesn't exist yet, then we override or copy over these values instead.

Related Information

Tasks

[Steps: Migrate Packages with Object Transporter 2.0](#)

Examples

[Troubleshooting: Migrate Workforce Planning Application Using Object Transporter on page 59](#)

Data Imports into Adaptive Planning

Steps: Set Up Workday Data Sources for Adaptive Planning

Prerequisites

Create the Workday advanced reports you want to use in Adaptive Planning. Configure these reports with *Enable as Web Service* and *Enable for Worksheets*.

Context

You can create a Workday data source in Adaptive Planning to help you:

- Import Workday advanced report data, journal line summaries, and metadata into Adaptive Planning.
- Enable drilling from Adaptive Planning into Workday.
- Publish plans from Adaptive Planning into Workday.

Steps

1. [Steps: Create Workday Credentials in Adaptive Planning on page 46](#)
2. [Steps: Configure Workday to Import Data to Adaptive Planning on page 74](#)
3. [Create Workday Data Sources for Adaptive Planning on page 76.](#)
4. [Select Workday Reports in Workday Data Sources for Adaptive Planning on page 76.](#)

You can select one or more custom reports enabled with web services.

See [Set Up Advanced Options for Custom Reports](#).

5. (Optional) [Manage Journal Line Summaries for Import on page 82.](#)

You can select and organize journal line summaries within a Workday data source to import them as actuals.

6. Import structures and data to staging tables.

Import from Workday into Adaptive Planning to make data and metadata available to Planning data and metadata loaders.

See [Concept: Loaders](#).

Result

Each report or managed journal line summary imports as its own staging table. Click the triangle by the name of each table to manage table columns. You can drag individual table columns from the *Data Components* pane on the left into staging area.

Next Steps

Load the staging tables into Adaptive Planning using planning loaders for:

- Levels
- Dimensions
- Attributes
- Accounts
- Data

You can then create a Workday external system to enable:

- Drilling from Adaptive Planning sheets and reports data back to Workday actuals and business objects.
- Publishing plans to Workday.

Related Information

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials](#) on page 16

Steps: Create Workday Credentials in Adaptive Planning

Prerequisites

- Sync your integration system user (ISU).
- For headcount planning with a workforce planning configuration manager, work with a Workday-certified implementer to set up the feature. If you don't have access to an implementer, contact your Customer Success Manager to engage Professional Services.
- Enable the OAuth 2.0 Client setting on the Edit Tenant Setup - Security task.
- Security:
 - *Data Designer* permission in Adaptive Planning.
 - *Integration Operator* permission in Adaptive Planning.
 - *Set Up Tenant Setup - Security* domain in the System functional area.
 - *Security Administration* domain in the System functional area.
 - For headcount planning with a workforce planning configuration manager, ensure the integration system security group (ISSG) for your ISU includes Modify access to the *Set Up: Adaptive Planning* domain in the System functional area.

Context

You can create a credential to authenticate a specific Workday tenant and ISU with a Workday data source in an Adaptive Planning instance. A Workday credential must exist to:

- Create a Workday data source in Adaptive Planning.
- Activate a Workday Adaptive Planning instance in the workforce planning configuration manager in Workday.
- Create loaders to import data and metadata from Workday to Adaptive Planning.
- Create a Workday external system for drillback into Workday.
- Publish plans from Adaptive Planning to Workday.

Publishing plans from Adaptive Planning to Workday requires a Workday credential configured with a JWT bearer token.

If you use workforce planning in Adaptive Planning, we create a Workday credential for you. You must edit the credential so that you can use it.

Steps

1. In Adaptive Planning, go to Integration > Design Integrations.
 2. Create or edit your Workday credential in the Credentials section of the Component Library.
- If you create a new Workday credential, name your credential so you can identify the Workday tenant it connects to.
- If you use workforce planning, we already created a credential named Workday Credential for you to edit.

We automatically populate the Client Grant Type with *Jwt Bearer Grant*. To publish plans, we require your credential to use the *Jwt Bearer Grant* client type.

3. We automatically populate the Connection with Local.

Local indicates that this credential matches the Adaptive Planning instance initially paired to a Workday tenant by the Provisioning team. Only local connections let you set up Workday external systems for drilling and publishing plans from Adaptive Planning.

To create a credential for a different Workday tenant, select External.

Note: Selecting External prevents you from using a credential for publishing plans and drilling from Adaptive Planning to Workday.

As you create the connection to a different Workday tenant, consider:

Option	Description
Remote Tenant ID	Copy over the text after the last / in the Workday REST API endpoint.
Remote UI URL	Copy over the fully qualified domain name without https:// from the Workday Authorization Endpoint. Don't include any of the characters following the .com.
Remote Rest URL	Copy over the fully qualified domain name without https:// from the Workday REST API Endpoint. Don't include any of the characters following the .com.

4. Click View Certificate and copy the x.509 certificate.

Use this certificate in the Register API Client task in Workday.

Don't close this web browser.

5. [Register API Clients](#).

As you complete the task, consider:

Option	Description
Client Name	Enter a client name that indicates this client connects with Adaptive Planning.
Client Grant Type	Select JWT Bearer Grant.
x509 Certificate	Paste the certificate that you copied from Adaptive Planning.
Access Token Type	Select Bearer.
Scope (Functional Areas)	Select Tenant Non-configurable. If you want to access the Location dimension from Workday in Adaptive Planning, also select Organizations and Roles. Configure the security group for <i>View Only Access</i> and <i>Get and Put</i> on the domain <i>Set Up: Organization</i> . When you use workforce planning configuration managers, select the functional areas for all data sources and report fields on your planning application.

6. Copy the Client ID.

Don't browse away from the *Register API Client* task before copying the Client ID.

7. Return to the web browser for Adaptive Planning and paste the Client ID.

8. Enter the ISU associated with this credential.

Workday recommends using an ISU for access and security to make credential maintenance and management easier.

9. (Optional) Click Test Connection in the Actions pane to verify that the connection succeeded .

10. Save the credential.

Authorization Status and Configuration Status update to indicate that the configuration completed.

11. For headcount planning with a workforce planning configuration manager, click Register Orchestration.

When you register orchestration, you make this instance available in the Select Instance & Activate page in the workforce planning configuration manager in Workday.

Next Steps

For headcount planning with a workforce planning configuration manager, access the Manage Workforce Planning Configuration task to automatically create:

- Levels hierarchies.
- Dimensions and dimension values.
- Attributes and attribute values.
- Plan versions.
- Personnel modeled sheet and data.
- Modeled accounts for FTE, Headcount, and Cost of Workforce.
- Integration data sources.
- Integration metadata and data loaders.
- Orchestration tasks.
- Integration tasks with metadata and data refresh schedules.
- Workday external systems.

For financial planning and headcount planning without a workforce planning configuration manager, create an integration system user (ISU) and API client so that you can create your Workday data source.

Related Information

Tasks

[Create Integration System Security Groups](#)

[Steps: Set Up Workday Data Sources for Adaptive Planning on page 71](#)

Steps: Configure Workday to Import Data to Adaptive Planning

Prerequisites

Create your Workday credential in Adaptive Planning.

Context

Once you configure an integration system user (ISU) and API client for data import, eligible Workday reports display as options in the Manage Reports page of Design Integration.

Note: We strongly recommend creating separate ISUs for each import use-case to increase the security of your data. The ISU for importing data requires access to more security domains than the ISU that enables user sync.

Steps

1. Access the Create Integration System User task.

Security: *Integration Security* in the Integration functional area.

2. As you complete the task, consider:

Option	Description
User Name	Workday recommends that you use this name: ISU_Adaptive_Integration_Implementer
Require New Password at Next Sign In	Select this check box.

3. Access the Create Security Group task.

Security: *Integration Security* in the Integration functional area.

4. As you complete the task, consider:

Option	Description
Type of Tenanted Security Group	Select <i>Integration Security Group (Unconstrained)</i> .
Name	Workday recommends that you use this name: Adaptive Integration System Security Group
Integration System Users	Add the ISU that you just created.

5. From the related actions menu of the *Set Up: Adaptive Planning* domain in the Adaptive Planning functional area, select Domain > Edit Security Policy Permissions.

6. Add the security group that you just created to:
 - The Report/Task Permissions grid with View and Modify access.
 - The Integration Permissions grid with Get and Put access.

7. [Activate Pending Security Policy Changes](#).

8. [Register API Clients](#).

As you create your API client, consider:

Option	Description
Client Name	Workday recommends that you use this name: Integration API Client
Client Grant Type	Select <i>Jwt Bearer Grant</i> .
x509 Certificate	Select <i>Adaptive Planning</i> .
Access Token Type	Select <i>Bearer</i> .
Redirection URI	Enter the Redirection URI from your Workday credential in Adaptive Planning.
Scope (Functional Areas)	<p>Select the functional areas that encompass the reports you use to import. The functional areas should cover your:</p> <ul style="list-style-type: none"> Report data sources. Report data source filters. Report fields. <p>Example: If the reports you use to import data use the Plan Dimensions report data source, select <i>System</i>.</p>

Next Steps

Create a Workday Data Source in Adaptive Planning so that you can import your Workday data using eligible reports.

Create Workday Data Sources for Adaptive Planning

Prerequisites

- *Data Designer* and *Integration Operator* permissions in Adaptive Planning.
- Configure an integration system user and API client for data import so that eligible Workday reports display as options in the Workday data source.

Context

You can create a Workday data source in Adaptive Planning to select the Workday reports you need for importing data and metadata to Adaptive Planning.

Steps

1. Navigate in Adaptive Planning to Integration > Design Integrations.
2. Click Data Sources in the Component Library and click Create New Data Source.
3. Click Workday Data Source.
4. Enter a name that identifies the Workday tenant this data source connects to and click Create.
5. Select a Credential.
The Workday credential you select determines the reports you can select.
6. Log Level populates with Info.
Support will let you know if you need a more comprehensive Log Level for in-depth debugging.
7. Click Save in the Actions pane.
All links in the Actions pane except Edit parameters remain disabled until you select a credential and save.

Next Steps

Select the Workday reports you want this data source to import.

Related Information

Tasks

[Steps: Set Up Workday Data Sources for Adaptive Planning](#) on page 71

Select Workday Reports in Workday Data Sources for Adaptive Planning

Prerequisites

- *Data Designer* and *Integration Operator* permissions in Adaptive Planning.
- Create advanced Workday reports with Enable as Web Service and Enable Worksheets.
- Share Workday advanced reports with the integration system security group (ISSG) that the integration system user (ISU) is in.
- For Workday reports that contain Prism data, grant the ISU access to all of the domains securing the Prism data set.

Context

To import data and metadata from Workday, select one or more custom reports enabled for web services.

Steps

1. Access the Workday Data Source you want to configure by navigating to Integration > Design Integrations.
2. Select Manage Reports in the Actions pane.
3. Select the Reports folder and add new reports.

As you manage each report, consider:

Option	Description
Name:	<p>Enter a name referencing how you want to use the report in Adaptive Planning and select Apply.</p> <p>Example: If this report defines the dimension <i>Cost Centers</i> that you want to load into Adaptive Planning, name it <i>Cost Center Dimension</i>.</p>
Report:	<p>Select a Workday report.</p> <p>Only advanced reports with both <i>Enable as Web Service</i> and <i>Enable Worksheets</i> settings display in the list.</p> <p>Rich Text fields from Workday reports can't load into Adaptive Planning staging tables. To import Rich Text fields, you can create a calculated field in the Workday report with these settings:</p> <ul style="list-style-type: none"> • Calculated Field Type: Concatenate text. • First Field: The Rich Text field needed for import. • Second Field: Text space field.
Use RaaS for data import	<p>(Optional) Imports using Report as a Service, extending the maximum import timeout to 6 hours.</p> <p>Limitations:</p> <ul style="list-style-type: none"> • Requires supplying a report owner. <ul style="list-style-type: none"> • Ownership of Workday reports must be transferred to the Adaptive ISU, including reports used by the planning configuration manager. • Tenant must be set up with a JWT credential with the ISU specifying who owns the report. • The ISU name can only contain alphanumeric characters and underscores. • Doesn't support column filters in the Columns section. If you configure column filters then enable this option, disabling this option remembers your filters.

Option	Description
	<ul style="list-style-type: none"> • Restricts multi-instance field behaviors to First Only or Flatten. • Doesn't support currency type, such as USD or AUD as one of the currency columns, leaving the type blank. Returns only the currency value in the currency value column. To view currency type, you must add currency type as a column within the report in Workday.
Use enhanced data import	<p>(Optional) Imports using an improved Data Extraction Framework, which removes the import timeout for larger reports and improves performance in most cases.</p> <p>For planning configuration manager (PCM) reports, we:</p> <ul style="list-style-type: none"> • Automatically select this check box. • Set up the Manage: Workday Data Extraction domain, ISU security access, and additional API client scope for you. <p>For any integration-managed reports, you must manually configure your tenant with these settings:</p> <ol style="list-style-type: none"> a. Assign the ISU to an ISSG with View/Modify and Get/Put security access on the Manage: Workday Data Extraction domain. See Edit Domain Security Policies. b. Activate Pending Security Policy Changes. c. On your API client, select <ul style="list-style-type: none"> • <i>System</i> on the Scope (Functional Areas) prompt. System is the functional area for the Manage: Workday Data Extraction domain. • Include Workday Owned Scope. <p>Limitations:</p> <ul style="list-style-type: none"> • The ISU name can only contain alphanumeric characters and underscores. • Doesn't support column filters in the Columns section. If you configure column filters before you select this check box, then clear the check box, Workday remembers your filters. • Restricts multi-instance field behaviors to First Only or Flatten. • Doesn't support currency type like USD or AUD as one of the currency columns; instead, we leave the column blank.

Option	Description
	Returns only the currency value in the Currency Value column. To view currency type, add Currency Type as a column within the report in Workday.
Multi-instance field behavior	<p>If your Workday report contains 1 multi-instance object, you can select Flatten to unpivot data for consumption by Adaptive Planning. We recommend this functionality for reports containing 1 multi-instance object. For reports with multiple multi-instance objects, this option closely mimics Workday export to Microsoft Excel.</p> <p>The report must only have 1 multi-instance object for Flatten to work. When the report contains more than 1 multi-instance object you can use an ESI calculation on the Advanced report, or break the report into two.</p> <p>Ask your implementer to make this option available in your instance.</p>
Partition Report By	Select Workday report prompt parameters to partition the report data. Requires importing the structure following edits.
Partition Size	<p>Select how many report prompt parameters you can include in a report partition.</p> <ul style="list-style-type: none"> • Multi-instance objects automatically populate with 100, which you can edit. • Single-instance objects or self-referencing objects force a partition size of 1.
Edit Parameters	<p>If your Workday report contains dates or true/false prompts, use this link to create Integration parameters you can associate with these prompts.</p> <p>You can create these integration parameter types:</p> <ul style="list-style-type: none"> • Boolean. • Integer. • Double. • Text. • Password. • Period Range. • Dimension. • Actuals Version. • Plan Version. <p>Note: To indicate a single day for Workday prompts like Effective Date, set a period range parameter to contain only the date you need.</p>

Option	Description
	Period ranges can span any number of days, not just months.
Parameters	<p>Progressive filtering determines what Workday reference parameter selections you can make based on your other choices. If you search a parameter and find no matches, you might need to fill out fields in other parameters.</p> <p>Example: If your Workday report is All Ledger Accounts, you can't provide a Fiscal Year until you select a Company.</p> <p>If you plan on loading a dimension from Workday to Adaptive Planning, select both its name and its hierarchy.</p> <p>Example: To load Cost Center from Workday as a dimension, select both Cost Center and Cost Center Hierarchy.</p> <p>If your Workday report contains dates or true/false prompts, use the Edit parameters link to create Integration parameters you can associate with these prompts.</p> <p>Some parameters, like start and end date for period parameters, work as both reference parameters and integration parameters.</p> <p>You can select the task run time for Report Effective Date to use the run time of the task to filter the requests to Workday.</p> <p>After configuring your parameters, select Apply to save your selections.</p>
Columns	Select the columns from your Workday Report.

4. Apply and Close the Manage Reports dialog.

Note:

Select Repair in the Actions pane to manually edit the Workday ID (WID) for a Workday report to:

- Update the report name if the current report WID exists in Workday with a different name.
- Update a report WID when a report with the same name exists in Workday but the WID no longer exists.

5. Select Import Structure in the Actions pane to import the tables and their table columns.

Each Workday Report becomes a table in the staging area under Tables to Import.

6. (Optional) Customize Table Settings by selecting the triangle next to each imported table name.

What you can select varies based on the table content, including:

- Data Import Mode
- Column parameters for period parameters to page data by month, quarter, or year.

7. (Optional) Create Custom SQL tuple columns for importing multiple Workday columns into a single Adaptive Planning dimension to make drilling into Workday possible.

Note: Before you create a Custom SQL tuple column, ensure that you configure the many-to-one column mapping in your Workday external system. Within the Workday external system Dimension

Mapping, Report parameter mapping, and Publish Plans account mapping, select multiple items and scroll to the top of the list to drag them into the same order as your concatenation.

Create tuple columns for any many-to-one mappings that require ID columns. Example: Company-Cost Center ID.

Drag a SQL Column from the Custom Column folder in the Data components pane. Select SQL Expression to pick the (Id) columns in Available Columns to combine them. Concatenate them using vertical pipes and a single quoted text constant, like "Company (Id)" || '_' || "Cost Center (Id)"

Create tuple columns for any many-to-one mappings that require Label columns. Example: Company-Cost Center Label.

Drag a SQL Column from the Custom Column folder in the Data components pane. Select SQL Expression to pick the (Label) columns in Available Columns to combine them. Concatenate them using vertical pipes and a single quoted text constant, like "Company (Label)" || '_' || "Cost Center (Label)"

8. Select Import Data in the Actions pane to import data into the tables in the staging area.

Result

Each report imports as its own staging table. Click the triangle by the table name to manage table columns. You can also drag individual table columns from the Data Components pane into the staging area.

Next Steps

You can create a Planning account, dimension, level, and data loader that imports from the staging area into Adaptive Planning. You can then create a Workday External System to enable drilling from Adaptive Planning sheets and reports into Workday. Configuring a Workday External System also makes publishing plans possible.

[Related Information](#)

Concepts

[Concept: Loaders](#)

Tasks

[Steps: Set Up Workday Data Sources for Adaptive Planning](#) on page 71

Set Up Security for Manage Journal Line Summaries

Prerequisites

- Verify you completed [Steps: Configure Workday to Import Data to Adaptive Planning](#).
- Verify you created an Integration System User (ISU) for your Workday data source
- Verify you created an Integration System Security Group (Unconstrained).
- Security: *Security Administration* domain in the System functional area.

Context

You can set up additional security to enable manage journal line summaries to import actuals into Adaptive Planning. We strongly recommend restricting your ISU with segmented security by using the Integration Template.

Steps

1. (Optional) Restrict the ISU for the Workday data source by Integration Template by creating an Integration System Security Segment and Segment-Based Security Group.
 - Access the Create Integration System Security Segment task and create a new segment. For Selection Criteria, select by Template: Financial Journal Lines Outbound Connector
 - Access the Create Security Group task. Add the ISSG for use with the Workday data source. Select the Security Segment you just created.
2. Access the View Domain report.
3. Enter *Integration Build*.
4. From the related actions menu of the *Integration Build* domain, select Domain > Edit Security Policy Permissions.
5. Add the Integration System Security Group (ISSG) used in your Workday data source.
6. Select Get and Put access for Integrations Permissions.
7. Access the View Domain report.
8. Enter *Reports: Financial Accounting*.
9. From the related actions menu of the *Reports: Financial Accounting* domain, select Domain > Edit Security Policy Permissions.
10. Add the Integration System Security Group (ISSG) used in your Workday data source.
11. Select View and Modify access for Report/Task Permissions.
12. Access the Activate Pending Security Policy Changes task and activate pending security policy changes.
13. Access the View API Client task to view your registered API client with Jwt Bearer Grant for your Workday data source credential to edit it.
14. Select Include Workday Owned Scope.
15. Include these *Scope (Functional Areas)*:
 - Integration.
 - Tenant Non-configurable.
 - System.
 - Financial Accounting.

Result

Example

Next Steps

Navigate to your Workday data source in Adaptive Planning to manage journal line summaries.

Related Information

Tasks

[Register API Clients](#)

[Steps: Create Workday Credentials in Adaptive Planning on page 46](#)

[Steps: Set Up Workday Data Sources for Adaptive Planning on page 71](#)

Manage Journal Line Summaries for Import

Prerequisites

- Create a Workday data source and credential.

- Set up Security for Manage Journal Line Summaries.
- Verify the registered API client for your Workday data source credential includes these Workday Owned Scopes in Scopes (Functional Areas):
 - Integration
 - Tenant Non-Configurable
 - System
 - Financial Accounting
- Security:
 - *Integration Build* domain in the Integration functional area.
 - *Data Designer* and *Integration Operator* permissions in Adaptive Planning.

Context

You can manage the Workday Financials journal line summaries you want to import as actuals in a Workday data source. By managing journal line summaries and creating integration systems you:

- Don't need to select and manage individual reports within a Workday data source to import aggregated journal lines.
- Avoid managing complex concatenations.

Each journal line summary imports as a separate staging table in the data source. Each field becomes a column.

Manage journal line summaries supports:

- Up to 5 million journal line rows per period.
- Ledger Currency related fields, only.
- Balance sheet accounts.
- Importing ending balance and translated amounts.

Manage journal line summaries doesn't support:

- Custom calculated fields.

Steps

1. Navigate to Design Integrations from the main navigation.
2. Select a Workday data source configured with a Workday data source credential.
3. From the Actions pane, select Manage Journal Line Summaries.
4. (Optional) Click + to create folders to organize multiple integration systems.
5. Click + and select Create Integration System.
6. As you complete the integration system, consider:

Option	Description
Integration System Name	The name for the integration system. Names can't contain spaces.
Required Fields	These fields automatically import from Workday Financials journal line summaries into Adaptive Planning: <ul style="list-style-type: none"> • Company. • Fiscal Period. • Ledger Account. • Ledger Amount for Natural Debit or Credit.

Option	Description
Optional Fields	<p>Additional fields you want to import from Workday Financials into Adaptive Planning. Examples:</p> <ul style="list-style-type: none"> • Cost Center. • Revenue Category. • Spend Category. • Business Unit.
Company	<p>The company in Workday Financials to import journal line summaries from into Adaptive Planning.</p>
Ledger	<p>The ledger account in Workday Financials to import.</p>
Book	<p>The journal line summary book in Workday Financials.</p>
Amount Type	<ul style="list-style-type: none"> • (View only) Activity. We recommend selecting income statement accounts in the Ledger Accounts and Summary Accounts prompt. • Ending balance. We recommend selecting balance sheet accounts in the Ledger Accounts and Summary Accounts prompt. <p>Note: You must contact your Named Support Contact or Professional Services/Implementer to enable this feature.</p>
Period Start Date	<p>The starting date for the period to import.</p>
Period End Date	<p>The ending date for the period to import.</p>
Report Effective Date	<p>(Optional) The effective date of the journal line summaries to import.</p>
Ledger Accounts and Summary Accounts	<p>(Optional) The ledger account and summary accounts to import.</p>
Additional Options	<p>(Optional) Include or exclude journals, report by date using plan structures, and other options. Examples:</p> <ul style="list-style-type: none"> • Calculate Ledger Amount for Translated Beginning Balances. • Exclude Adjustment Journals. • Exclude Allocation Journals. • Exclude Pro Forma Journals. • Include In Progress Journals.

7. (Optional) Create additional integration systems.
8. (Optional) Drag and drop integration systems into folders to organize them.
9. Apply changes and close.

10. Select Import Structure.

The column structure imports, but doesn't populate the rows with data.

11. Save.

Result

Example

Next Steps

Select Import Data to populate rows with data in the staging table.

Select Repair to re-associate your managed journal line summaries after:

- An Adaptive Planning tenant sandbox instance refresh.
- An Adaptive Planning tenant migrates from sandbox to production.

Related Information

Tasks

[Create Workday Data Sources for Adaptive Planning](#) on page 76

Switch to JWT Client Grant Type in Adaptive Planning

Prerequisites

- Set up a Workday Credential in Adaptive Planning using Authorization Code Grant.
- Create the ISU.
- Set up the Integration System Security Group (ISSG).
- *Data Designer* and *Integration Operator* permissions in Adaptive Planning.

Security:

- *Set Up Tenant Setup - Security* domain in the System functional area.
- *Security Administration* domain in the System functional area.

Context

We recommend the JWT Bearer Token client grant type for Workday credentials in Adaptive Planning. You can edit an existing Workday credential that uses Authorization Code Grant and switch it to JWT Bearer. Switching to JWT Bearer requires registering a new API client in Workday.

Steps

1. Navigate to Design Integrations in Adaptive Planning and select your existing Workday credential.
2. Select JWT Bearer Grant for Client Type.
3. Enter your ISU in ISU User.
4. Select View Certificate in the Actions pane.
5. Copy the entire contents of the Certificate pop-up and save the credential.
Keep this browser tab containing your credential open.
6. Open a new browser tab and sign in to Workday.
7. Access the Register API Client task in Workday and register a new client.
We recommend naming the new client *Integration API Client*.

8. As you register a new API client, consider:

Option	Description
Client Grant Type	Select JWT Bearer Token
Access Token Type	Select Bearer.
Create x509 Public Key	Paste the certificate you copied from Adaptive Planning.
Scope (Functional Areas)	<p>Select the functional areas that encompass the reports you use to import.</p> <p>The Functional Areas should cover your:</p> <ul style="list-style-type: none"> Report data sources. Report data source filters. Report fields.

9. Within your Adaptive Planning browser tab, select Test Connection in the Actions pane to verify a successful connection.

Note: Enable and share at least one Workday report with the ISU you entered for your connection to succeed.

Next Steps

Disable your registered Authorization Code Grant API client if you no longer use or need it.

Related Information

Tasks

[Register API Clients](#)

[Steps: Create Workday Credentials in Adaptive Planning on page 46](#)

[Steps: Set Up Workday Data Sources for Adaptive Planning on page 71](#)

Examples

[Actuals Imports from Workday Financials](#)

Concept: Load Metadata into Adaptive Planning

Adaptive Planning Design Integrations uses these loaders to import metadata:

- Planning Account Loader
- Planning Level Loader
- Planning Dimension Loader
- Planning Attribute Loader
- Planning Association Loader

Loaders require a Workday data source with one or more selected Workday reports. The content of the selected reports determines what kind of loader you use.

Guiding Principles

When you create a Workday data source to import metadata to Adaptive Planning, follow these guiding principles:

- For anything hierarchical, use these Workday-delivered reports:
 - Plan Dimensions/Hierarchies example - Cost Center and Cost Center Hierarchy
 - Ledger Accounts or Ledger Accounts Summaries example - Ledger Account Hierarchy

- For additional attributes, create a custom report off of the object. Example:
 - Supplier and Supplier Group
 - Company Code on Companies

Make Workday do the work to narrow down your data:

- Use groups and filters:
 - Select *Company* first and then *Cost Center*.
 - Select *Summarize Detail Rows* for Cost Center.
- Add filters where appropriate.
- Use a prompt where possible, instead of hardcoding filters when you need different subsets of data.
- Use the best report data source (RDS) available by reading their descriptions and understanding their prompts.
 - *Optimized for Performance* selected when possible.
 - A company-based prompt retrieves data at a company level.
 - An organization-based prompt could retrieve data at a cost center, supervisory organization, or any other organization level when you filter.

Levels

Levels must load with a connection to the root or topmost level. For example, you must load a level and its parent, grandparent, all the way to *All Levels*.

Levels represent a Workday Organization. Levels are hierarchical, drive access and security, and manage workflow. They roll up to a single parent. Because the topmost level comes as part of Adaptive Planning, the topmost level parent ID in the table must be blank. Any levels with a blank Parent ID will roll up directly to the root of All Levels. When you set up a level loader, select Workday IDs (WIDS) as the level IDs and the parent Workday IDs for the corresponding Parent ID. Even though level IDs (WIDS) are unique, don't duplicate level names anywhere in the hierarchy.

Dimensions

Most of the dimensions you load should be flat list dimensions so that you can load and assign attributes to them in Adaptive Planning. When you create your Workday data source, select a custom report that contains attributes.

Accounts

Accounts must load separately with a hierarchical format into Adaptive Planning by account group to the General Ledger.

Each root account requires its own staging table import from a data source, defined by the ledger account summary in the Workday prompts. You can reuse the same Workday report, then generate separate staging tables. Create individual Planning Account Loaders for each of the root accounts.

Set up Filters for Account Hierarchies Prompts

You can use the Filter tab for an advanced report. Create a filter or prompts that let you determine the hierarchy and date values when the report runs.

And/Or	(*Field	*Operator	Comparison Type	Comparison Value)
And		Parent Ledger Account Summaries	Any in the selection list	Prompt the user for value and ignore the filter	Default Prompt	

And/Or	(*Field	*Operator	Comparison Type	Comparison Value)
				condition when blank.		
And		Accounting Date	greater than or equal to	Prompt the user for the value	Starting Prompt	
And		Accounting Date	less than or equal to	Prompt the user for the value	Ending Prompt	

Concatenated Workday IDs

When the WID maps into the loader ID field, data and metadata load to Adaptive Planning with the WIDs in the mapping profile. WIDs and the mapping profile create the bridge that enables drilling and publishing from Adaptive Planning. When you create your General Ledger account structure, determine exactly how you want to plan with your accounts. You might want to plan by ledger account, spend category, or a combination of items. Match your planning accounts to your Workday structure to help with data validation, report creation, and other tasks.

Concatenations initially form in alphabetical order based on the Workday Object Name. You can reorder the elements of your concatenation in the Workday External System when you map many-to-one accounts, levels, and dimensions. As you select elements during mapping, they shift to the top of the list. You can drag and drop them in the order you require.

You can concatenate values by WID to create a single Adaptive Planning column using a delimiter for reports you want to drill into. Select 1 delimiter and use it consistently for all of your data sources. Users can't see WIDs or their delimiters.

Based on your account structure, identify which columns you need to concatenate and create a custom SQL column, with a SQL expression in Design Integrations for them.

Once you save your SQL column and data source, you can reference the column in loaders.

Note: If you want to perform additional SQL logic on your columns, use a separate SQL column before you concatenate. To make troubleshooting easier, separate your logical steps.

Concatenating for Accounts with Blank Values

Spend Category isn't a mandatory worktag for certain expenses. To handle nonexistent objects, pass a blank value by concatenating with [blank] and include it in your WID concatenation. The delimiter will parse the full string with the blank value into the appropriate location.

Example: Ledger account 6000 might not have a spend category on every journal line. This account could have 3 child accounts:

- 6000_SC123
- 6000_SC124
- 6000_

The account 6000_ doesn't have a spend category, so the blank value can load to it.

Concatenate with [blank] for publishing or drilling through to Workday for a Null Spend Category.

Concatenate with [ignore] to ignore the spend category for drilling through to Workday when you want all spend categories.

Concatenating Account Display Names

Repeat the same concatenation logic used for your WIDs to build the Account Display Name that shows up in the Planning Data Loader. The Account Display Name mapping shows up in Account Mappings, so make sure that the name includes enough elements to help you map the data.

Account Codes and Labels

When you load accounts in the Planning Account Loader, you must indicate an account code, account name, and WID. Account codes:

- Must be unique.
- Can't contain spaces.
- Can't contain special characters other than underscores.

To build an acceptable account code, use the reference ID associated with each element of the account. Ledger account codes work well because they follow the ledger account ID Workday uses. If you add a spend or revenue category, verify that it uses a reference ID in a format acceptable for an account code. Reference IDs often use SC123 or RC012.

You can build an account code that matches your WID logic, using the underscore to delimit your account codes. Construct the account code mimicking your Account WID SQL column, modifying the column selections to match.

If the Reference ID field isn't available or formatted for an account code, use the most identifiable field as the code to reduce the possibility of duplicates.

Note: Use the Adaptive Planning-specific SQL command `TO_ACCOUNT_CODE` to output a text string that removes any spaces or special characters not allowed in account codes.

Account Labels

Specify an account label when you build an account loader. Users will see and use the account label. You might want to mirror your concatenation in the WID using the (Label) column field. Use a `CASE` statement to modify the label when a concatenated spend category isn't required.

Mapping Accounts into a Loader

You can create your metadata or Planning Data Loader after you complete your data source.

Planning Account Loaders must specify the Adaptive Planning root account they load to, such as Revenue or Cost of Sales. Your data source must:

- Contain the account and all of its Parents, connected to the root or topmost Account.
- Contain a Parent ID is blank for topmost Accounts.
- Load to a root account that is already in Adaptive Planning.

You can't create or delete root accounts, but you can rename them. Create separate loaders for Revenue, Expenses, and Cost of Sales for more control of incoming accounts. Use the Workday report parameters to ensure you pull in accounts Adaptive Planning expects. Planning Account Loaders require the Account WID, Account Code, and Account Label.

When you create a Planning Data Loader, use the WID in the Source Id Column and the account code or Ledger Account ID in the Source Account Code Column. The Source Display Name will help you map items in the Data Mapping tab of the Planning Data Loader.

Associations

You can use associations as a way to provide Workday roles to Adaptive Planning users for data security. Associations support Workday core organization assignments and memberships. Loading associations helps you maintain organizational access for users in Workday and sync it into Adaptive Planning. Use the Planning Association Loader for dimension and level associations, or level ownership. Only load associations or level ownership after:

- You completely load all other metadata.
- You complete user sync at least once.

Load associations for each dimension with a separate loader. Load level ownership in a separate loader from your level associations. Level association and level ownership require different custom report fields and prompts.

Report Fields and Prompts for Associations

Add these report fields and prompts to the Plan Dimensions/Hierarchies Report:

- For dimension or level association:
 - Adaptive Planning System Users for Assignable Role report field.
 - Assignable Role report field.
 - Assignable Role Reference ID report field.

We strongly recommend editing this value in Workday to make it human readable before you load associations for the first time.

 - Assignable Role for Dimension Type prompt.
- For level ownership:
 - Adaptive Planning System Users for Assignable Roles report field.
 - Assignable Roles for Dimension Type prompt.

Mapping Associations or Level Ownership into a Loader

Select the user ID, the dimension or level ID, and the role reference ID for associations when mapping the Source ID Column. When loading level ownership, don't select or map Reference ID for Source ID Column. Level ownership in Adaptive Planning is configured by leaving the association code blank for user association.

Related Information

Concepts

[Concept: Loaders](#)

Tasks

[Set Up Workday External Systems for Adaptive Planning on page 100](#)

[Select Workday Reports in Workday Data Sources for Adaptive Planning on page 76](#)

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

[The Next Level: Loading Consolidation Data into Adaptive Planning](#)

[The Next Level: Correcting Adaptive Integration Metadata Loaders with Workday Data Management](#)

Import Metadata Using Name and Code

Prerequisites

- Security:
 - *Model* permission.
 - *Structure Import* permission.
 - *Import to All Locations* permission.
 - *Data Designer* permission.
- You successfully configured and ran metadata and data loaders for Adaptive Planning before Display Names were enabled for your instance.
- Verify that your Adaptive Planning instance supports display names by selecting any sub level in your Levels Admin to view the Code and Name fields in Level Details.

- After verifying that the Code and Name fields exist in the Levels Admin, navigate to Integration > Design Integrations to run all of your existing level, attribute, account, and dimension metadata loaders *once*.

Context

After display names were enabled for all instances, your integration loaders and manual metadata imports require adjustments to include codes. We recommend using your Workday Reference IDs as these codes for Workday Data Management deployments. If you don't use Workday Data Management, obtain your codes from your source system.

Steps

1. Navigate to Integration > Design Integrations into your level loader Column Mapping tab and update Level Code to a suitable ID from your source table. Select it as a code in the Source Column field.
Example: Use Reference ID for the code in the Source Column.
2. Run your level loader and select Bypass Data Import for the run.
3. Navigate to Modeling > Model Management > Levels and confirm the elements updated to use the codes from your loader in the Code field.
4. Repeat this process for your other dimension and attribute loaders, updating the Column Mapping tab to use code (Reference ID) in the source table.
Example: For your Location loader, update the Location Code to a code (Reference ID), select Bypass Data Import, then confirm in the Dimension Admin that the Code field populated with the Reference ID.
5. Navigate to your planning data loader Column Mapping tab.
 - For Workday Data Management deployments, map Source Display Name column to Reference IDs of relevant dimensions.
 - For other deployments, you might want to map Source ID to codes depending on the input from a source system.
6. In the planning data loader Data Source Settings tab, set Auto Mapping to Automap Source Display name to Code, as required.
7. Verify that the source values mapped correctly in the planning data loader Data Mapping tab.
8. For manual data imports you must map by codes. The option to map by name no longer exists after enabling display names for an instance.
Navigate into the modeled sheet and select Download from the main menu to include codes for levels, dimensions, and attributes in the download. You can select Printable View to download the sheet exactly as you see it in Adaptive Planning.

Related Information

Concepts

[Concept: Level, Dimension, and Attribute Codes for Display Names](#)

Concept: SQL and Subquery Columns

You can drag-and-drop these custom column types in a Workday data source from the Data Components pane:

- SQL columns.
- Subquery columns.

Note: Click view online help in the SQL Expression editor when creating an SQL column or Subquery column to view the SQL Expression Reference.

SQL Columns

Use an SQL column to make new values based on the criteria of other columns. SQL columns act like an SQL WHERE clause, but they don't allow a SELECT statement. Use an SQL column to:

- Reformat data.
- Concatenate values with a delimiter.
- Return a SUBSTRING within a column value.
- Write CASE statements that function as IF statements.
- Replace a character string with another character string.
- Hardcode values.

CASE Statements

A CASE statement provides conditional logic that starts with a condition and a resulting value. When the first condition isn't met, the statement proceeds to the next condition and resulting value. A final result returns if none of the conditions are met.

Example:

```
CASE
WHEN Condition 1
THEN Result 1
WHEN Condition 2
THEN Result 2
ELSE Final Result
END
```

Guidelines for SQL Columns

- Keep SQL columns as simple as possible in case other users need to maintain them.
- Minimize hardcoding. If you can't avoid hardcoding, use the Workday ID (WID) or Reference ID when referencing a value.
- Use consistently named SQL columns to speed up building metadata and data loaders.
- Use the custom SQL command TO_ACCOUNT_CODE to replace spaces and special characters with underscores.
- Use the TIMESTAMP column type for TIME related fields. Adaptive Planning automatically uses TIMESTAMP for date columns in the format MM/DD/YYYY HH:MM:SS AM even when another format gets specified.
- Concatenate with the same delimiter for all of your data sources.

Subquery Columns

Subquery columns act like a JOIN condition to another table. If the criteria is met on the other table, the JOIN returns a true/false Boolean. Build the JOIN statement using the Primary table and a selected Related Table. You can specify if a record EXISTS or DOES NOT EXIST. You can also use subquery columns with an integer result. To generate numerical results, include SUM, COUNT, MIN, or MAX in your join expression.

Subquery columns help when looking up a value in another table. Use them to:

- Verify that a value exists in another table.
- Filter that table for a true/false result.
- Count the number of duplicate values in that table.
- Find the max costs for a cost center.

Related Information

Tasks

[Select Workday Reports in Workday Data Sources for Adaptive Planning](#) on page 76

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

[SQL Expression Reference](#)

Concept: Join Tables

Joins enable a look-up on another table or bringing 2 tables with a like column, together.

You can drag-and-drop a custom join table from the Data Components pane into your data source to combine multiple tables into 1 table using an SQL expression. Creating a join requires identifying a column in a primary table to act as a key in a secondary table. The join matches up values that coexist in the key column and creates a new record with them. The collection of these joined records generate the join table.

Note: Before you create a join table, see if a Workday report, or calculated field, can be created for your data source that accomplishes the same goal.

The type of join determines what parts of the joined tables form records in the new table:

- Left outer joins gather all of the records in the primary table and any overlapping records in the secondary.
- Right outer joins gather all of the records in the secondary and any overlapping records in the primary.
- Inner joins only return records where the key matches in both tables.

Note: Check for duplicates to ensure you're using the right join type.

Your cost center hierarchy could act as your primary table. The currency tied to each cost center could exist in your secondary table. You could join these tables using Cost Center ID as your key. The overlap of the two matches records by Cost Center ID, letting you pull in all currencies by cost center into a new table.

Use a column prefix to help identify where a column comes from when you create a join table.

[Related Information](#)

Tasks

[Add SQL Join Tables and Columns](#)

Reference

[SQL Expression Reference](#)

Clear External Mappings

Prerequisites

- Your implementation tenant successfully activated either:
 - A financial planning configuration manager.
 - A workforce planning configuration manager.
- Your implementation tenant successfully migrated to Production or Sandbox.
- [Security:Model Management](#) permissions in Adaptive Planning.

Context

When a tenant migrates from Implementation to Production or Sandbox, the Workday ID (WID) values can change. Changed WIDs may cause mapping conflicts for the data and metadata loaders in Adaptive Planning created by a planning configuration manager. To resolve mapping conflicts from changed WIDs, you can clear external mappings in Adaptive Planning.

Clearing external mappings can also help following a:

- Swap from a planning configuration manager after initial testing to traditional Workday Data Management, leaving behind locks on the Adaptive Planning user interface

- Parallel deployment of Workday Core and Adaptive Planning that included metadata changes or repurposed dimension values that cause external ID conflicts

Steps

1. In Adaptive Planning, navigate to Modeling > Model Management.
2. In the Others section, select Clear External Mappings.

This link is only available when a planning configuration manager successfully activates.

Result

After a few moments, the external mappings clear.

Example

Next Steps

A user with Integration Operator permissions must navigate to Design Integrations in Adaptive Planning and run the Orchestration task. Then run either:

- The Unified FPA task followed by the United FPI task for the financial planning configuration manager.
- The SYS-HPA metadata loader task followed by the SYS-HPA data loader task for the workforce planning configuration manager.

Related Information

Tasks

[Manage Financial Planning Configurations](#) on page 61

[Manage Workforce Planning Configurations](#) on page 49

Examples

[Troubleshooting: Clear External Mappings](#) on page 100

Reference: Reports for Importing Data and Metadata into Adaptive Planning

You can use Workday reports to import Workday data and metadata into Adaptive Planning for planning and reporting using your Workday data source. Workday provides these standard reports:

Report	Security	Description
Plan Companies/Hierarchies	<i>Set Up - Adaptive Planning</i> domain in the System functional area.	Provides a list of all companies and company hierarchies based on a Company Hierarchy prompt.
Plan Dimensions/Hierarchies	<i>Set Up - Adaptive Planning</i> domain in the System functional area.	Provides a list of all organizations based on these prompts: <ul style="list-style-type: none"> • Dimension Type (Required) • Top Level Hierarchy • Report Effective Date You can include dimension hierarchies. Include these report fields to enable dimension and level

Report	Security	Description
		<p>associations for synchronizing data access from Workday into Adaptive Planning:</p> <ul style="list-style-type: none"> • Adaptive Planning System Users for Assignable Role • Assignable Role • Assignable Role Reference ID <p>Include the Assignable Role for Dimension Type prompt.</p> <p>Include these report fields to enable level ownership.</p> <ul style="list-style-type: none"> • Adaptive Planning System Users for Assignable Roles • Assignable Roles • Assignable Role Reference ID <p>Include the Assignable Roles for Dimension Type prompt.</p>
Ledger Accounts or Ledger Accounts Summaries	<i>Set Up - Adaptive Planning</i> domain in the System functional area.	Provides a list of all ledger accounts and ledger account summaries based on these prompts: <ul style="list-style-type: none"> • Account Sets • Ledger Account or Ledger Account Summary Types

To import data for workforce planning, we recommend that you migrate and use these reports from your Customer Central tenant:

- Planned Dimensions/Hierarchies
- PLN All Positions
- PLN All Workers
- PLN All Workday Accounts - User Sync
- PLN - Currency Conversion Rate
- PLN Drillback on Headcount
- PLN Initiatives
- PLN Locations as Bus Site
- PLN Job Management - Requisition
- PLN Job Profile Dimension
- PLN Worker Dimension

If you create custom reports to import Workday data and metadata, you must:

- Create the reports as advanced reports.
- Enable the reports as web services.
- Enable the reports for Worksheets.

- Not use calculated fields. You can't use calculated fields to drill down from Adaptive Planning sheets and reports to Workday objects and actuals.
- Ensure that the reports run in Workday in 20 minutes or less.
- Ensure that the reports contain less than 1 million rows.
- Use a unique Column Heading Override XML Alias.

After going live, we recommend that you change your configuration to use a prompt that's determined at runtime to return the last closed period. This ensures that reports run dynamically on fiscal periods.

Related Information

Tasks

[Steps: Create Advanced Reports](#)

Reference: Headcount Planning Dimensions

Workday delivers these dimensions that you can use when setting up the plan structure for your headcount plans:

<ul style="list-style-type: none"> • Business Unit • Company • Compensation Basis • Compensation Grade • Contingent Worker Type • Cost Center • Country • Custom Organization (1-10) • Employee (Name) • Employee Type 	<ul style="list-style-type: none"> • Ethnicity • Fund • Gender • Gift • Grant • Is Manager • Is People Manager • Job Category • Job Family * • Job Family Group * • Job Level 	<ul style="list-style-type: none"> • Job Profile * • Job Requisition • Ledger Account • Location • Management Level • Pay Component • Pay Rate Type • Position • Position Status • Program • Project 	<ul style="list-style-type: none"> • Region • Spend Category • Supervisory Organization • Time Type • Work Shift • Worker Type
--	--	---	--

* Each plan structure can include only 1 of these dimensions.

Reference: Financial Planning Dimensions

Workday delivers these dimensions that you can use when setting up the plan structure for your financial plans. The list of available structured dimensions depends on the functional areas configured for your tenant. You can use the Maintain Worktag Usage task to enable available dimensions for the *Budget* taggable type.

<ul style="list-style-type: none"> • Academic Period • Bank Account • Book Code • Business Unit • Company (Required) • Contingent Worker • Corporate Credit Card • Cost Center 	<ul style="list-style-type: none"> • Gift • Grant • Intercompany Affiliate • Investor • Job Family * • Job Family Group * • Job Profile * • Ledger Account (required) 	<ul style="list-style-type: none"> • Payroll City Authority • Payroll County Authority • Payroll School District Authority • Payroll State Authority • Pre-hire • Procurement Item 	<ul style="list-style-type: none"> • Revenue Category • Run Category • Sales Item • Shift • Spend Category • Sponsor • Student Charge Item • Student Waiver Item
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<ul style="list-style-type: none"> Customer Custom Organization (1-10) Custom Worktags (1-15) Employee Expense Item Fund 	<ul style="list-style-type: none"> Line of Business Loan # Location Object Class Opportunity Pay Component Pay Group 	<ul style="list-style-type: none"> Program Program of Study Project Project Phase Project Task Prospect Receivable Writeoff Reason Region 	<ul style="list-style-type: none"> Supplier Tax Authority Tax Category Third Party Waived Meal/Break Withholding Order Case
--	---	---	---

* Each plan structure can include only 1 of these dimensions.

FAQ: Load Plan and Actuals Data into Adaptive Planning

How can I make it easier to find parent values for a WID in a loader?

Create a Parent Name column that matches any SQL logic so you can see the parent values instead of having to look up a WID.

How can I import Adaptive Planning attribute values?

Adaptive Planning attributes store as hierarchies on the back end. Specify a parent column with a null value if you import attribute values.

How do I import aggregated journal lines?

Use one of these two methods:

- Select Manage Journal Line Summaries within the Workday data source in Adaptive Planning to create an integration system. Imports from integration systems in managed journal line summaries support up to 5 million journal line row summaries per period.
- Create reports in Workday and Select Manage Reports within the Workday data source in Adaptive Planning.

Why don't I see the objects that I just loaded?

Objects don't instantly synchronize into Adaptive Planning. You'll notice a delay. You can trigger a synchronization by updating a user profile in the Users section of Administration page. Change the display name in your own profile by 1 character and save it to trigger a synchronization.

How long should I wait between loading metadata and loading data with the Planning Data Loader?

Wait 15 to 30 minutes between loading metadata and loading data to ensure that a full synchronization completes.

How can I check for errors before I run a loader?

Select Preview Loader Output in the Actions pane for a loader and download the XML it generates. Examine the XML for errors.

How can I examine the content of the Preview Loader Output XML?

Open the XML file in an advanced text editor like Notepad++ or using a web browser.

- XML tags indicate the hierarchy. The end of a tag gets marked by a closing />.

- A leaf account that has no children looks like <account code="10000" name="Cash" />, where 1 string of data gets wrapped by the < and >.
- Hierarchical structures that contain multiple elements get terminated with a tag. Example: </account>.

How can I test my SQL filters before I load metadata?

What should I do if I know the metadata changed since the last time I loaded it?

How can I filter out duplicates in a data source?

How can I prevent duplicate Position rows from the PLN ALL Positions report as part of publishing a workforce plan?

Look at the results of your filters under Tables to Import (the Staging Area) of your data source before you run your loader.

Always use the *Data Import* option when you run the loader. Errors can occur if metadata changed and a new import hasn't been run in a while. If you need to override what's in the staging area because of errors, reimport in the data source just before running the loader.

Remove duplicates on extraction from the source system. Set up the report from Workday or other source system to consolidate and aggregate within the report so that only unique rows exist in Design Integrations.

You can identify, flag, and filter duplicates to remove them for a successful load.

Create an identical data source and create a Subquery column with a Does Not Equal type and this statement:

```
(P.DistinctCol(ID) =  
R.DistinctCol(ID) AND  
P.DistinctCol(Label) =  
R.DistinctCol(Label) AND  
P.UniqueCol(ID) < R.UniqueCol(ID))
```

- The P represents your source table and R represents the identical copy.
- The DistinctCol represents the columns that you want a distinct value of.
- The UniqueCol must be a unique record throughout the entire data set, like Employee ID.
- The result of the subquery will be True/False. Any duplicate sets should have 1 True result and the rest False. There isn't much control as to which record gets the True, so verify that you don't need other columns with varying values.
- You can use the Subquery column as a filter.

The Plan Version ID wasn't included as a required prompt every runtime within the Workday Data

What does an error like *Period (with stratum id=0) at 12/1/2019 12:00:00 AM not found* mean?

Source. Add Plan Version ID so that it always prompts as a version parameter.

This error indicates the need for a metadata sync. To resolve it, contact Adaptive Planning Support. Resolving this error won't cause an impact or outage.

What does an error like *Following subtree root nodes cannot be recognized in Planning* mean?

A parent node listed for a member doesn't exist within the data source. The parent-child hierarchy must exist for all of the rows of the data source, from the bottom of the hierarchy to the top. The full hierarchy must load within the same loader.

What does an error like *Unable to re-parent account underneath a Leaf account* mean?

An existing member without children always identifies as a leaf member. The loader might not be able to add children to existing leaf members. Fix this by:

1. Manually creating a place holder member in Adaptive Planning.
2. Running the loader again.
3. Deleting the place holder member.

What does an error like *The following Source Accounts result in the same account in Planning* mean?

This error can occur if the loader tries to change a name to an existing value or values in the loader. It can also occur with multiple changes to the metadata mappings, SQL columns, and SQL filters. The most effective way to clear out the metadata mappings is to delete and recreate the metadata loader.

What does an error like *One or more locked versions use this account. Changing how it rolls up may change values in these locked versions* mean?

This error occurs when adding or moving members that affect rollup members. Select Proceed with Warnings in the loader to continue.

What does an error like *The account _____ already exists within the system* mean?

An account code in the loader uses the same name as an existing account.

If you find no duplicates in your structure you're trying to load, sometimes this is a false error message, and can be resolved by deleted the Loader and creating a new one.

What does an error like *The Workday report defines more than one column which resolves after canonicalization to the same label 'dimension_id'. Change the XML Alias of these report columns to uniquely identify them without relying on periods, underscores, or other special characters* mean?

This error occurs when two Workday Data Source columns use the same XML alias in a Workday report, or when the XML alias contains special characters that generate a duplicate alias. Duplicate XML aliases cause duplicate staging columns to silently populate with values from only one of the two columns.

This error can occur when a Workday report includes an object with XML Alias *MyObject*. When imported, Adaptive Planning integration automatically creates two columns with column names based on the underlying alias *MyObject_Label* and *MyObject_Id*. If you already

have another column in the report with alias *MyObject_Id* or *MyObject.Id* then the automatically created column name may conflict with your column.

Change the newest column that was added. A change to an existing column that has downstream SQL formulas will break the connection, and require you to re-link.

Remove any special characters in your XML aliases from the Workday Report and use unique labels for each one.

An update to XML Aliases requires the Import Structure step prior to Import Data.

Related Information

Concepts

[Concept: Load Metadata into Adaptive Planning on page 86](#)

[Concept: Loaders](#)

Tasks

[Select Workday Reports in Workday Data Sources for Adaptive Planning on page 76](#)

[Manage Journal Line Summaries for Import on page 82](#)

Troubleshooting: Clear External Mappings

Cause: Running a metadata loader after clearing external mappings generates an error indicating `externalObjectID` not allowed due to external data missing in the payload or deletion of external mapping for a dimension.

Solution: Either:

- Add or change something in your planning configuration manager, then select Review Changes and Activate.
- Navigate into Adaptive Planning Design Integrations to the Orchestration task and select Reset Orchestration.

Then run the loader again.

Set Up Workday External Systems for Adaptive Planning

Prerequisites

- *Data Designer* and *Integration Operator* permissions in Workday Adaptive Planning.
- Create a Workday credential.
- Create a Planning Data Loader that loads from a Workday Data Source staging table.
- Create a mapping profile in your Planning Data Loader.

Context

You must set up an External System and associate it with a mapping profile in a Planning Data Loader to enable:

- Drilling from Adaptive Planning sheet and report data into Workday.
- Navigating to any Workday Business Objects using a related actions icon for any dimensions, levels, or accounts loaded from Workday.
- Publishing plans to Workday.

Only Workday matrix and composite reports allow drilling. Select the Workday reports and choose the Adaptive Planning accounts and dimensions that map to those reports.

If you map multiple dimensions from Workday into a single dimension in Adaptive Planning, create a custom tuple SQL column in the staging table for the Planning data loader loading the data from Workday.

Steps

1. Navigate in Adaptive Planning to Integration > Design Integrations.
2. Select External Systems in the Component Library and select Create New External System.
3. Select Workday External System and provide a name that helps you identify its use.
4. As you complete the task, consider:

Option	Description
External System Settings	<ul style="list-style-type: none"> • Credentials: Select the same credential as your Workday data source. You can only select credentials set up with Connection: Local. • Mapping Profile: Select a profile from the Planning data loader you created for your Workday data source. • Drill URL: Populates once you complete the configuration. Drill actions make use of this URL to connect to Workday reports. • (Optional) Headcount: Select the Adaptive Planning custom account you want to publish to Workday as part of your Headcount Plan. • (Optional) FTE: Select the Adaptive Planning custom account you want to publish to Workday as part of your Headcount Plan. • (Optional) Cost of Workforce: Select the Adaptive Planning custom account you want to publish to Workday as part of your Headcount Plan. • Cumulative Accounts Publish As: Select how you want cumulative accounts to publish. <ul style="list-style-type: none"> • Closing Balance: Publishes the closing balance for accounts at the end of a time period. • Activity: Publishes the change in the accounts at the end of a time period. • Publish Using: Select what mappings you want to use during publish. <ul style="list-style-type: none"> • All Mappings: Publish using all of the mappings from actuals in the Planning Data Loader and the mappings from account, level, and dimension metadata loaders.

Option	Description
	<p>Any preexisting External Systems automatically select this option.</p> <ul style="list-style-type: none"> • Metadata Mappings Only: Publish using only the mappings from account, level, and dimension metadata loaders. Any newly created External Systems automatically select this option. • Log Level: Populates with Info. Support will let you know if you need a more comprehensive Log Level for in-depth debugging.
Account and Report Parameter Mappings	<ul style="list-style-type: none"> • Reports: Lists all of the Workday reports you select for Drill reports. • Drill Report: Select a Workday Matrix report you want to drill back to from Adaptive Planning. We only display Workday Matrix reports configured with Enabled for Planning. • (Optional) Redirect to Prompts page: Select to display parameter values before running the Workday report when drilling. You can use the Prompts page to verify your parameter settings during debugging. • Affected Accounts: Select the Adaptive Planning accounts that drill back to the Workday Matrix report from a right-clicked Adaptive Planning sheet cell. To publish financial plans, select the accounts you want to publish • Report Parameter Mapping: Select the Adaptive Planning dimensions that drill back to Workday report parameters. These indicate the Workday dimension of a right-clicked Adaptive Planning sheet cell. <p>When you select multiple dimensions for concatenation, those dimensions shift to the top of the list. Drag and drop the selected dimensions to reorder them.</p> <p>(Optional) Select an Adaptive Planning account and map it if the report doesn't indicate a hard-coded account or contain an account report parameter.</p> <p>(Optional) Select a start and end Adaptive Planning time period to restrict the date range from the report. your Workday data source for any tuple SQL columns. Concatenate Workday</p>

Option	Description
	<p>accounts by selecting two or more, then enter a delimiter character.</p> <ul style="list-style-type: none"> • Publish Plans account mapping <p>When you select multiple accounts for concatenation, those accounts shift to the top of the list. Drag and drop the selected accounts to reorder them. You must map the Ledger Account and parse the concatenated Ledger Account, Revenue, and Spend with the appropriate delimiter.</p>
Dimension Mapping	<p>Map a Planning Dimension to one or more Workday Dimensions for publishing plans. If you need to concatenate multiple Workday dimensions, enter a delimiter character.</p> <p>When you select multiple dimensions for concatenation, those dimensions shift to the top of the list. Drag and drop the selected dimensions to reorder them.</p> <p>Note: You must map at least one dimension to a level in your Workday External System mapping profile before you can map accounts for publishing financial plans.</p>
Account Type Mapping	<p>Map a Planning Account Type from the Adaptive Planning GL accounts to a Workday Account Type for publishing plans.</p>
Import Mapping Override	<ul style="list-style-type: none"> • (Optional) Override the mapping for a Level, Dimension, or Account when importing to Adaptive Planning with an integration loader. Select Add and select the type. Select an Adaptive Planning item for Import From. Select a Workday item for Import To. • Status: Indicates mapping status as valid or invalid. • Type: Indicates the mapping type as Level, Dimension, or Account. • Import From: The Level, Dimension, or Account importing from Workday. • Import To: The Level, Dimension, or Account that only exists in Adaptive Planning. The selected item must not have a WID. • Validate: Validates the Import Mapping Overrides and updates their mapping status. You must manually validate for more than 100 mappings.
Export Mapping Override	<ul style="list-style-type: none"> • (Optional) Override the mapping for Account Rollup, Account, Level, or Dimension when publishing a plan to

Option	Description
	<p>Workday. Select Add and select the type. Select an Adaptive Planning item for Export From. Select a Workday item for Export To.</p> <ul style="list-style-type: none"> • Status: Indicates mapping status as valid or invalid. • Type: Account Rollup, Account, Level, Dimension. • Export From: The Adaptive Planning Account Rollup, Account, Dimension, or Level to export from when publishing. • Export To: The Workday Cost-center, Dimension, or Account to export to when publishing. • Validate: Validates the Export Mapping Overrides and updates their mapping status. You must manually validate for more than 100 mappings.
Ignore on Export	<ul style="list-style-type: none"> • (Optional) Ignore an Adaptive Planning Account or Level when publishing a plan to prevent items from publishing. Select Add and select the type. Select a Planning Value from Adaptive Planning. • Status: Indicates mapping status as valid or invalid. • Type: Account or Level. • Planning Value: The Account or Level name selected in Adaptive Planning that won't publish. • Validate: Validates the Ignore on Export mappings and updates their mapping status. You must manually validate for more than 100 mappings.

Next Steps

Drill into Workday from Adaptive Planning sheets or report cells that contain data loaded from Workday. Navigate to Workday Business Objects from the Adaptive Planning cell explorer for any Workday dimension, level, or account.

Related Information

Tasks

[Steps: Set Up Workday Data Sources for Adaptive Planning on page 71](#)

[Steps: Create Workday Credentials in Adaptive Planning on page 46](#)

[Create a Planning Data Loader](#)

Steps: Enable Planning Data Sources After User Sync

Prerequisites

- Security Admin or Implementer permissions.

Context

A Planning data source in Adaptive Planning requires a Workday credential to function following your initial user sync. Make a new Workday credential by generating an ISU through the Public APIs tenant setup and registering a new API client with JWT Bearer. Creating a separate Workday credential prevents interference with your other Workday data sources in the Workday Data Management setup.

Steps

1. Create an ISU in Workday.

Access the Tenant Setup report. Select Adaptive Planning and the Public API tab.

Select Refresh Public APIs Setup.

Select Create ISU.

Creating the ISU pushes the user to Adaptive Planning without requiring a user sync.

2. Grant the ISU access in Adaptive Planning.

Navigate to Administration > Users in Adaptive Planning and edit the ISU user.

As you edit the ISU user, consider:

Option	Description
Role	Select Administrator.
Level	Select the topmost level.

Update Administration > Access Rules in Adaptive Planning and give the ISU user edit access to:

- The top level.
- All Dimensions.
- All Accounts.

3. Create an ISSG in Workday.

Access the Create Security Group task.

Add the Integration Systems User.

Add these Domain Security Policy Permissions:

Operation	Domain Security Policy
View and Modify	Adaptive Planning Integration
View and Modify	Set Up: Adaptive Planning API Access
View Only	Set Up: Adaptive Planning
Get and Put	Set Up: Adaptive Planning
Get and Put	Set Up: Adaptive Planning API Access

4. Create a new Workday credential in Adaptive Planning.

See [Steps: Create Workday Credentials in Adaptive Planning](#) on page 46.

Open a new browser tab and navigate to Integration > Design Integrations.

Set Client Grant Type to JWT Bearer Grant.

Enter the ISU you created in the previous steps.

Select View Certificate in the Actions pane and copy all of the pop-up content.

5. Register API Clients.

Register a new API client in Workday for the ISU.

As you complete the task, consider:

Option	Description
Client Name	Enter <i>Adaptive Plan Data Source</i> .
Client Grant Type	Select JWT Bearer Grant.
x509 Certificate	Paste the certificate you copied from Adaptive Planning.
Access Token Type	Select Bearer Tokens.
Redirection URI	Copy and paste in the Redirection URI from Adaptive Planning. The Workday API client won't call this URI.
Scope (Functional Areas)	Select <ul style="list-style-type: none"> • Adaptive Planning • Adaptive Planning for Financial Plans • Adaptive Planning for the Workforce • Tenant Non-Configurable

Copy the Client ID and paste it in Adaptive Planning. Save the credential in Adaptive Planning and select Test Connection.

6. Create a new Planning Data Source in Adaptive Planning and select the Workday Credential you just created.

See [Set Up Adaptive Planning as a Data Source](#).

Select Manage Sources. If Manage Sources becomes gray, verify:

- The ISU pushed to Adaptive Planning when you created it in Workday.
- You granted the ISU user access to all of the permissions, levels, and required access rules in Adaptive Planning.
- You added the Domains for the ISSG, including the get/put and view/modify access.
- You validated that the credential connects from Adaptive Planning.
- You set the correct scopes for the API client.

Related Information

Tasks

[Sync Users with Adaptive Planning](#) on page 29

Associate Users with Levels and Dimensions

Load Associations After User Sync

Prerequisites

In Adaptive Planning

- *Data Designer* and *Integration Operator* permissions in Adaptive Planning.
- All of the levels and dimensions for your organizational structure must already exist.
- Your Workday data source must use Flatten for Multi-Instance Field Behavior.

In Workday

- Sync users with Adaptive Planning at least once.
- For dimension and level associations, customize a copy of the Workday Plan Dimensions/Hierarchies report for use in your Workday data source to include:
 - Adaptive Planning System Users for Assignable Role report field.
 - Assignable Role report field
 - Assignable Role Reference ID report field renamed into a human-readable code for associations.
 - Assignable Role for Dimension Type prompt.
- For level ownership, customize a copy of the Workday Plan Dimensions/Hierarchies report for use in your Workday data source to include:
 - Adaptive Planning System Users for Assignable Roles report field
 - Assignable Roles report field.
 - Assignable Roles for Dimension Type prompt.

Context

When user sync completes, synchronized users don't automatically receive level ownership or dimension associations in Adaptive Planning. For level security, users require at least 1 level to access sheets, reports, or charts. For access rule security, users don't require associations, but they do help in updating rules. You can grant level and dimension associations in-bulk with the Planning Association Loader, instead of configuring user associations or level ownership manually.

Steps

1. Navigate to Integration > Design Integrations.
2. Create or edit a Planning Association Loader within the Component Library.
Give the loader a name that helps you identify the Workday tenant and users to load.
3. As you complete the task, consider:

Option	Description
Data Source Settings	<p>Indicate general settings for the data source.</p> <ul style="list-style-type: none"> • Source Table: Select the data source table containing the list of users and the levels or dimensions those users own. • We recommend loading from a data source that contains 1 column for user, 1 for level or dimensions, and 1 for Role Reference ID. • Mapping Profile: Select the same profile as the planning data loader you create for importing data to Adaptive Planning. • Level or Dimension: Select level for level ownership or level association. Select the dimension you want to load for dimension association. • Mode: Select Update to modify associations or ownership assignments on a subset of levels. This updates the level, not the user. Updates to the level require all users associated with that level in the payload. Select

Option	Description
	<p>Replace all to delete all associations for the dimension and replace them with associations in the payload.</p> <p>If you use Workday Adaptive Planning with Workday Financials or Workday Human Capital Management, Mode defaults to Update. If you don't use Workday Adaptive Planning with Workday Financials or Workday Human Capital Management, Mode defaults to Replace All.</p> <ul style="list-style-type: none"> • Proceed with warnings: Enable if you want the loader to continue loading after encountering warnings during a load. The loader skips unmapped dimensions or levels and creates a warning in the logs while allowing the loader to continue processing. • Log Level: Select the amount of detail you want logged.
Column Mapping	<p>Map the columns from your source table to the corresponding users and level or dimension in Adaptive Planning.</p> <ul style="list-style-type: none"> • Status: Indicates mapped and unmapped columns. • Planning Column: Select the items from Adaptive Planning you need to map to. • Source Column: Select the column from the data source table to map. <p>Select the user ID, the dimension or level ID, and the role reference ID for associations. When loading level ownership, don't select or map Reference ID.</p> <p>Select the role label that matches to the role reference ID. The role reference ID becomes the association code in Adaptive Planning.</p>
Business Rules	Write any SQL expressions you need to filter data from the source table.

4. (Optional) Click Preview Loader Output to download an XML file you can examine to verify the loader output.
5. Click Run Loader to run manually, or schedule the loader as an integration task.

Next Steps

After the loader runs, navigate to Administration > Associations to view level ownership, level associations, and dimension associations.

Related Information

Tasks

[Sync Users with Adaptive Planning on page 29](#)

[Steps: Set Up Workday Data Sources for Adaptive Planning on page 71](#)

Import Associations

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

[Concept: Associations](#)

Concept: Associations and Workday Roles

You can use associations as a way to provide Workday roles to Adaptive Planning users. Associations support Workday core organization assignments and membership.

When you sync users to Adaptive Planning, users don't automatically receive associations. You can set up associations only after your users, dimensions, accounts, levels, and other metadata already exist.

In Adaptive Planning, associations connect users with levels and custom dimensions. You can then use association codes to create access rules for users and groups. When you use associations for access rules, you can update the associations instead of the rules to update user access.

Associations contribute to the 2 Adaptive Planning security structures:

- Level-based security, where level ownership defines user access to data when you don't enable access rules.
- Access rule security, where you can use associations to create flexible and dynamic access rules.

Associations save time and manual effort when you create access rules and when you update level ownership.

Ownership and associations cascade down a hierarchy. Users associated with a parent level or dimension automatically associate with its children. You can't create associations with only the parent in a hierarchy.

Workday Assignable Roles

Within Workday, you can assign Adaptive Planning users to Workday roles for dimensions by customizing the Workday Plan Dimensions Hierarchies Report to include custom report fields for:

- Assignable Role
- Assignable Role Reference ID
- Adaptive Planning System Users for Assignable Role

Each dimension in Workday receives an assignable role and a role reference ID. Each assignable role contains a list of users. Use the reference ID as the association code in Adaptive Planning. We recommend editing the reference ID in Workday to make it human readable before your first import of associations into Adaptive Planning.

Association as Level Ownership

Level ownership grants special privileges for the levels users own in either of the 2 security models. Unlike other associations, you don't create an association code for level ownership.

Level ownership is required for level-based security structures. Without level ownership, a user can't access sheets, reports, or dashboards.

To use level ownership in access rules, enter a tilde to assign users access to all owned levels.

You can manually select the levels a user owns by editing access in Administration > Users. Level ownership also displays in Modeling > Levels.

Cost Centers as Levels

If you want to associate a user with a cost center, first include cost center in the Workday report you use as your data source. If the cost center is a level structure, an association must tie to the user in Adaptive Planning.

User Associations with Access Rules

With access rules, you can define specific intersections of data that users or groups can edit or view. The dimensions you secure define the intersection. These dimensions are called secured dimensions. You can secure accounts, levels, and up to three custom dimensions.

Without user associations, you might need to update multiple access rules instead of updating a single association.

Editing Associations

You can edit associations by:

- Uploading a spreadsheet to Modeling > Associations.
- Loading associations in-bulk with the Planning Association Loader.
- Using the `updateAssociations` API.

Load User Associations

You can skip manual association edits by using the Planning Association Loader or by importing a spreadsheet to Modeling > Associations.

The loader enables you to set user associations, including level ownership, for multiple users simultaneously. Before you run the loader, you must:

- Complete user sync.
- Load all of your accounts, dimensions, and levels.
- Make the Assignable Role Reference ID human-readable in the Plan Dimensions Hierarchy Report in Workday.

Delete Association Codes

You can delete association codes by uploading a spreadsheet containing only the codes and names you want to delete to Modeling > Associations and selecting the Remove import option.

Note: You can't delete associations with the Planning Association Loader or the `updateAssociations` API.

Remove Users from Associations

You can dissociate a user from a dimension or level. Association codes remain even after removing the user.

Remove a user from an association by uploading a spreadsheet without a username in the cell for a dimension value to Modeling > Associations and selecting the Update and Append import option.

Related Information

Reference

[Concept: Associations](#)

Concept: Load Metadata into Adaptive Planning

Adaptive Planning Design Integrations uses these loaders to import metadata:

- Planning Account Loader
- Planning Level Loader
- Planning Dimension Loader
- Planning Attribute Loader

- Planning Association Loader

Loaders require a Workday data source with one or more selected Workday reports. The content of the selected reports determines what kind of loader you use.

Guiding Principles

When you create a Workday data source to import metadata to Adaptive Planning, follow these guiding principles:

- For anything hierarchical, use these Workday-delivered reports:
 - Plan Dimensions/Hierarchies example - Cost Center and Cost Center Hierarchy
 - Ledger Accounts or Ledger Accounts Summaries example - Ledger Account Hierarchy
- For additional attributes, create a custom report off of the object. Example:
 - Supplier and Supplier Group
 - Company Code on Companies

Make Workday do the work to narrow down your data:

- Use groups and filters:
 - Select *Company* first and then *Cost Center*.
 - Select *Summarize Detail Rows* for Cost Center.
- Add filters where appropriate.
- Use a prompt where possible, instead of hardcoding filters when you need different subsets of data.
- Use the best report data source (RDS) available by reading their descriptions and understanding their prompts.
 - *Optimized for Performance* selected when possible.
 - A company-based prompt retrieves data at a company level.
 - An organization-based prompt could retrieve data at a cost center, supervisory organization, or any other organization level when you filter.

Levels

Levels must load with a connection to the root or topmost level. For example, you must load a level and its parent, grandparent, all the way to *All Levels*.

Levels represent a Workday Organization. Levels are hierarchical, drive access and security, and manage workflow. They roll up to a single parent. Because the topmost level comes as part of Adaptive Planning, the topmost level parent ID in the table must be blank. Any levels with a blank Parent ID will roll up directly to the root of All Levels. When you set up a level loader, select Workday IDs (WIDS) as the level IDs and the parent Workday IDs for the corresponding Parent ID. Even though level IDs (WIDS) are unique, don't duplicate level names anywhere in the hierarchy.

Dimensions

Most of the dimensions you load should be flat list dimensions so that you can load and assign attributes to them in Adaptive Planning. When you create your Workday data source, select a custom report that contains attributes.

Accounts

Accounts must load separately with a hierarchical format into Adaptive Planning by account group to the General Ledger.

Each root account requires its own staging table import from a data source, defined by the ledger account summary in the Workday prompts. You can reuse the same Workday report, then generate separate staging tables. Create individual Planning Account Loaders for each of the root accounts.

Set up Filters for Account Hierarchies Prompts

You can use the Filter tab for an advanced report. Create a filter or prompts that let you determine the hierarchy and date values when the report runs.

And/Or	(*Field	*Operator	Comparison Type	Comparison Value)
And		Parent Ledger Account Summaries	Any in the selection list	Prompt the user for value and ignore the filter condition when blank.	Default Prompt	
And		Accounting Date	greater than or equal to	Prompt the user for the value	Starting Prompt	
And		Accounting Date	less than or equal to	Prompt the user for the value	Ending Prompt	

Concatenated Workday IDs

When the WID maps into the loader ID field, data and metadata load to Adaptive Planning with the WIDs in the mapping profile. WIDs and the mapping profile create the bridge that enables drilling and publishing from Adaptive Planning. When you create your General Ledger account structure, determine exactly how you want to plan with your accounts. You might want to plan by ledger account, spend category, or a combination of items. Match your planning accounts to your Workday structure to help with data validation, report creation, and other tasks.

Concatenations initially form in alphabetical order based on the Workday Object Name. You can reorder the elements of your concatenation in the Workday External System when you map many-to-one accounts, levels, and dimensions. As you select elements during mapping, they shift to the top of the list. You can drag and drop them in the order you require.

You can concatenate values by WID to create a single Adaptive Planning column using a delimiter for reports you want to drill into. Select 1 delimiter and use it consistently for all of your data sources. Users can't see WIDs or their delimiters.

Based on your account structure, identify which columns you need to concatenate and create a custom SQL column, with a SQL expression in Design Integrations for them.

Once you save your SQL column and data source, you can reference the column in loaders.

Note: If you want to perform additional SQL logic on your columns, use a separate SQL column before you concatenate. To make troubleshooting easier, separate your logical steps.

Concatenating for Accounts with Blank Values

Spend Category isn't a mandatory worktag for certain expenses. To handle nonexistent objects, pass a blank value by concatenating with [blank] and include it in your WID concatenation. The delimiter will parse the full string with the blank value into the appropriate location.

Example: Ledger account 6000 might not have a spend category on every journal line. This account could have 3 child accounts:

- 6000_SC123
- 6000_SC124
- 6000_

The account 6000_ doesn't have a spend category, so the blank value can load to it.

Concatenate with [blank] for publishing or drilling through to Workday for a Null Spend Category.

Concatenate with [ignore] to ignore the spend category for drilling through to Workday when you want all spend categories.

Concatenating Account Display Names

Repeat the same concatenation logic used for your WIDs to build the Account Display Name that shows up in the Planning Data Loader. The Account Display Name mapping shows up in Account Mappings, so make sure that the name includes enough elements to help you map the data.

Account Codes and Labels

When you load accounts in the Planning Account Loader, you must indicate an account code, account name, and WID. Account codes:

- Must be unique.
- Can't contain spaces.
- Can't contain special characters other than underscores.

To build an acceptable account code, use the reference ID associated with each element of the account. Ledger account codes work well because they follow the ledger account ID Workday uses. If you add a spend or revenue category, verify that it uses a reference ID in a format acceptable for an account code. Reference IDs often use SC123 or RC012.

You can build an account code that matches your WID logic, using the underscore to delimit your account codes. Construct the account code mimicking your Account WID SQL column, modifying the column selections to match.

If the Reference ID field isn't available or formatted for an account code, use the most identifiable field as the code to reduce the possibility of duplicates.

Note: Use the Adaptive Planning-specific SQL command `TO_ACCOUNT_CODE` to output a text string that removes any spaces or special characters not allowed in account codes.

Account Labels

Specify an account label when you build an account loader. Users will see and use the account label. You might want to mirror your concatenation in the WID using the (Label) column field. Use a CASE statement to modify the label when a concatenated spend category isn't required.

Mapping Accounts into a Loader

You can create your metadata or Planning Data Loader after you complete your data source.

Planning Account Loaders must specify the Adaptive Planning root account they load to, such as Revenue or Cost of Sales. Your data source must:

- Contain the account and all of its Parents, connected to the root or topmost Account.
- Contain a Parent ID is blank for topmost Accounts.
- Load to a root account that is already in Adaptive Planning.

You can't create or delete root accounts, but you can rename them. Create separate loaders for Revenue, Expenses, and Cost of Sales for more control of incoming accounts. Use the Workday report parameters to ensure you pull in accounts Adaptive Planning expects. Planning Account Loaders require the Account WID, Account Code, and Account Label.

When you create a Planning Data Loader, use the WID in the Source Id Column and the account code or Ledger Account ID in the Source Account Code Column. The Source Display Name will help you map items in the Data Mapping tab of the Planning Data Loader.

Associations

You can use associations as a way to provide Workday roles to Adaptive Planning users for data security. Associations support Workday core organization assignments and memberships. Loading associations helps you maintain organizational access for users in Workday and sync it into Adaptive Planning. Use the Planning Association Loader for dimension and level associations, or level ownership. Only load associations or level ownership after:

- You completely load all other metadata.
- You complete user sync at least once.

Load associations for each dimension with a separate loader. Load level ownership in a separate loader from your level associations. Level association and level ownership require different custom report fields and prompts.

Report Fields and Prompts for Associations

Add these report fields and prompts to the Plan Dimensions/Hierarchies Report:

- For dimension or level association:
 - Adaptive Planning System Users for Assignable Role report field.
 - Assignable Role report field.
 - Assignable Role Reference ID report field.

We strongly recommend editing this value in Workday to make it human readable before you load associations for the first time.

 - Assignable Role for Dimension Type prompt.
- For level ownership:
 - Adaptive Planning System Users for Assignable Roles report field.
 - Assignable Roles for Dimension Type prompt.

Mapping Associations or Level Ownership into a Loader

Select the user ID, the dimension or level ID, and the role reference ID for associations when mapping the Source ID Column. When loading level ownership, don't select or map Reference ID for Source ID Column. Level ownership in Adaptive Planning is configured by leaving the association code blank for user association.

[Related Information](#)

Concepts

[Concept: Loaders](#)

Tasks

[Set Up Workday External Systems for Adaptive Planning on page 100](#)

[Select Workday Reports in Workday Data Sources for Adaptive Planning on page 76](#)

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

[The Next Level: Loading Consolidation Data into Adaptive Planning](#)

[The Next Level: Correcting Adaptive Integration Metadata Loaders with Workday Data Management](#)

Reference: Reports for Importing Data and Metadata into Adaptive Planning

You can use Workday reports to import Workday data and metadata into Adaptive Planning for planning and reporting using your Workday data source. Workday provides these standard reports:

Report	Security	Description
Plan Companies/Hierarchies	<i>Set Up - Adaptive Planning</i> domain in the System functional area.	Provides a list of all companies and company hierarchies based on a Company Hierarchy prompt.
Plan Dimensions/Hierarchies	<i>Set Up - Adaptive Planning</i> domain in the System functional area.	<p>Provides a list of all organizations based on these prompts:</p> <ul style="list-style-type: none"> • Dimension Type (Required) • Top Level Hierarchy • Report Effective Date <p>You can include dimension hierarchies.</p> <p>Include these report fields to enable dimension and level associations for synchronizing data access from Workday into Adaptive Planning:</p> <ul style="list-style-type: none"> • Adaptive Planning System Users for Assignable Role • Assignable Role • Assignable Role Reference ID <p>Include the Assignable Role for Dimension Type prompt.</p> <p>Include these report fields to enable level ownership.</p> <ul style="list-style-type: none"> • Adaptive Planning System Users for Assignable Roles • Assignable Roles • Assignable Role Reference ID <p>Include the Assignable Roles for Dimension Type prompt.</p>
Ledger Accounts or Ledger Accounts Summaries	<i>Set Up - Adaptive Planning</i> domain in the System functional area.	<p>Provides a list of all ledger accounts and ledger account summaries based on these prompts:</p> <ul style="list-style-type: none"> • Account Sets • Ledger Account or Ledger Account Summary Types

To import data for workforce planning, we recommend that you migrate and use these reports from your Customer Central tenant:

- Planned Dimensions/Hierarchies

- PLN All Positions
- PLN All Workers
- PLN All Workday Accounts - User Sync
- PLN - Currency Conversion Rate
- PLN Drillback on Headcount
- PLN Initiatives
- PLN Locations as Bus Site
- PLN Job Management - Requisition
- PLN Job Profile Dimension
- PLN Worker Dimension

If you create custom reports to import Workday data and metadata, you must:

- Create the reports as advanced reports.
- Enable the reports as web services.
- Enable the reports for Worksheets.
- Not use calculated fields. You can't use calculated fields to drill down from Adaptive Planning sheets and reports to Workday objects and actuals.
- Ensure that the reports run in Workday in 20 minutes or less.
- Ensure that the reports contain less than 1 million rows.
- Use a unique Column Heading Override XML Alias.

After going live, we recommend that you change your configuration to use a prompt that's determined at runtime to return the last closed period. This ensures that reports run dynamically on fiscal periods.

Related Information

Tasks

[Steps: Create Advanced Reports](#)

Drill into Business Objects and Actuals

Create Custom SQL Tuple Columns

Prerequisites

- *Data Designer* and *Integration Operator* permissions in Workday Adaptive Planning.
- Set up a Workday data source.
- Set up a Workday external system.

Context

If your model brings together more than one Workday Core object into a single Adaptive Planning object, you must create a combined object known as a tuple. Tuples look like:

- Ledger Account + Spend Category.
- Company + Cost Center.

You concatenate the objects with a defined delimiter preferably an underscore _ or dash -. Make this concatenation consistent across all of the metadata and data loaders in Adaptive Planning. Define the concatenation in the external system to enable drilling and publishing.

Drilling into metadata and publishing plans both require the WID. The WID helps construct the URL that bridges Adaptive Planning to Workday objects and journal lines.

Concatenate the WIDs into a single ID column, and the Labels into a single Name column.

Create custom tuple SQL columns for any many-to-1 mappings that require ID columns and Label columns. Example: Company-Cost Center ID and Company-Cost Center Label.

Note: Configure the many-to-one column mappings in your Workday external system. You can drag and drop multiple selected items that shift to the top of the list within:

- Dimension Mapping.
- Report parameter mapping.
- Publish Plans account mapping.

Place them in the same order as your concatenation.

Steps

1. Drag a SQL Column from the Custom Column folder in the Data components pane into Tables to Import.
2. Enter a name that describes the use of the concatenated columns and select Text for data type.
Example: Company and Cost Center.
3. Select SQL Expression to pick the (Id) columns in Available Columns to combine them. Concatenate them using vertical pipes and a single quoted text delimiter. Example: "Company (Id)" || '_' || "Cost Center (Id)"
Use the same delimiter character for all of your data sources. Underscores work well because Adaptive Planning Account Codes accept them.
4. Repeat Steps 1-3 but for the (Label) columns. Example: "Company (Label)" || '_' || "Cost Center (Label)"
5. (Optional) You can also concatenate Ledger Account ID and Spend Category as Worktag ID.
Example: "Ledger Account (Id)" || '_' || "Spend Category as Worktag (Id)"
6. Apply and Save the data source to view how the columns concatenate.

Result

The tuple SQL columns appear in the data source and become available in Adaptive Planning Loaders.

Next Steps

Review your Workday external system to verify you concatenated for the same many-to-1 mappings correctly.

Related Information

Concepts

[Concept: SQL and Subquery Columns on page 91](#)

[Concept: Load Metadata into Adaptive Planning on page 86](#)

[Concept: Loaders](#)

Tasks

[Create Workday Data Sources for Adaptive Planning on page 76](#)

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

[SQL Expression Reference](#)

Concept: Drill into Business Objects and Actuals from Adaptive Planning

Drilling into Workday enables users to navigate from Workday Adaptive Planning into Workday Core Financials or HCM details.

You can set up a Workday external system and associate it with a mapping profile in a Planning Data Loader. The external system enables drilling from a standard sheet and HTML report, through Explore Cell,

into Workday business objects and actuals. When someone clicks to drill or accesses the related actions menu, Adaptive Planning connects and reveals the Workday business objects or actuals transactions underlying the data.

You can also set up a Workday external system so that you can publish plans. Publishing requires mapping the accounts in Adaptive Planning to ledger accounts in Workday. Publishing also requires mapping the levels to an organization in Workday. The mappings ensure that data publishes to the appropriate accounts.

Drill into Workday Actuals

Drilling into Actuals is available at the intersection of the lowest level and account. Drilling works by passing Adaptive Planning level, account, time period, and other dimensions that represent a data cell back into Workday. The information that passes back to Workday applies to a Workday matrix report definition and renders the report in a new browser tab. You can define a single report in Workday for all accounts or specific reports per account or account hierarchy.

Drill into Workday Objects

A related actions icon displays in the Cell Explorer when you hover over a dimension, level, or account that loaded from Workday. When you click the icon, a new tab navigates to the Workday business object content. Combined level and dimensions like *Cost Center + Region* display as two objects off of the related action. The first object displays for *Cost Center*, the second object for *Region*. The delimiter must be defined in the external system configuration for concatenated objects.

Drill Through to Actuals from Cube Sheets

You can drill from cube sheets that contain Workday actuals data. The cube sheet dimensions and accounts pass through to Workday as report parameters to populate a Workday report. You can select Drill Through from a cell context menu or in the cell explorer. The reports and parameters come from these settings in the Workday external system:

- Drill report.
- Affected Accounts.
- Report parameter mapping.

The selected drill reports and affected accounts enable drilling to different Workday reports for different accounts in the same cube sheet. You can only select child accounts for the affected accounts. Attributes from Adaptive Planning can't pass as parameters to Workday.

Drill into Details

You can right-click a cell in a modeled sheet and click Drill into Details to:

- Load the Workday convenience view if only one Workday dimension contributes to the cell.
- Select from a list of Workday business objects to load the convenience view if multiple Workday dimensions map to one Adaptive Planning dimension for the cell.

Workday Reports Settings for Drilling

The report you drill into must:

- Be a matrix report.
- Be shared with the *Adaptive Integration System Security Group* and the Security Group of the end user.

- Use these prompts and filters:
 - Level
 - Account
 - Start Date
 - End Date

Consider using these recommended prompts and filters:

- Each dimension (split) in the Adaptive Planning data structure.
- Example: Revenue and Spend Category, Cost Center.
- Use the filter option *Exact match with selection list* if you want to filter on a blank dimension.
 - Use the option *Prompt the user for the value and ignore the filter condition if the value is blank*. for Comparison Type on the filter for these dimensions.

Related Information

Concepts

[Concept: Load Metadata into Adaptive Planning on page 86](#)

Tasks

[Set Up Workday External Systems for Adaptive Planning on page 100](#)

[Create Workday Data Sources for Adaptive Planning on page 76](#)

FAQ: Drill into Metadata

What can I drill into?

You can drill into data intersections that:

- Contain actuals data loaded into standard accounts.
- Exist at the lowest level and account.
- You access in standard or cube sheets or from Explore Cell.
- You access in HTML reports, via Cell Explorer.
- You loaded through Workday Data Management.

You can drill into metadata objects that:

- You loaded through Workday Data Management.
- You access from Explore Cell.

You can drill into details from an Adaptive Planning modeled sheet for:

- Workday business objects when a single Workday dimension maps to a single Adaptive Planning dimension to see the convenience view.
- Workday business objects when multiple Workday dimensions map to a single Adaptive Planning dimension to select from a list for a convenience view.

You can drill through from an Adaptive Planning cube sheet for:

- Workday actuals data loaded from Workday Data Management.

- Adaptive Planning cube standard accounts.
- What are some limitations on drilling?
- You can't drill from the root of a level or dimension.
 You can't drill from a cube sheet if you select attribute values other than all levels.
 Drill through from leaf levels uses your data loader mappings, while drill through from rollups uses your metadata loader mappings.
 General Ledger accounts in Adaptive Planning must map to ledger accounts in Workday Financials.
 If you have [Blank] and [Ignore] in your metadata mapping for levels or dimensions, you must create manual export overrides. Example: Map an only level to prevent duplicated plan lines when publishing.
- What are the basic requirements for drilling into metadata?
- You fully enabled Integration with Workday in Administration > General Setup.
 You created a Workday credential.
 You loaded all data through Integration using WIDs on the Source ID Column..
 All of your mappings from Workday to Adaptive Planning levels, accounts, and dimensions are 1:1.
 All users who need to drill have the Drill into Workday Numbers permission.
- Why is Drill into Workday grayed out when I right-click a number in Workday Adaptive Planning?
- Access data at the lowest level and account combination. You can only drill when you view the lowest layer of your levels and accounts. You can't drill into rollups.
 Ensure that you linked a mapping profile to Workday. Use the same mapping profile to load data and create the Workday external system.
 Hover over the level and account in the Explore Cell window and check for the related actions menu.
 When you hover over the related actions menu, look for a link to drill into that Workday object.
- If more than 1 option displays when you hover the related actions menu, check for a many-to-1 mapping issue in your mapping profile. All mappings (Workday object to Adaptive Planning object) require that you use only the WID on the Source ID column.
 - Check all of the loaders and ensure that they all map using the WID on the Source ID column. You can delete and recreate the mapping profile without affecting the data you already loaded.
- Why can't I see the matrix report that I created in Workday in my Workday external system?
- Check if:
- You shared with the Integration System Security Group (ISSG) user in Workday.

Why is Drill Into Details grayed out when I right-click on a number?	• The report uses the <i>Enabled for Worksheets</i> option in Workday.
Why isn't my Adaptive Planning attribute for a Region Code passed to Workday as a parameter when I select Drill Through on a cube sheet?	It can take 1 to 2 seconds for the option to display after you click. You can only drill into the lowest level and account. You can't drill into (Only) levels. Drilling from cube sheets doesn't support passing Adaptive Planning attributes as report parameters. When you use an attribute in a cube sheet, select the All location for your region code attribute to drill.
What if the user receives report errors the next time they next access Workday?	Check the Workday security settings to ensure that: <ul style="list-style-type: none">• You shared the matrix report with the user trying to drill.• The user can access all of the objects in the report, Organizations, worktags, fields and calculated fields. Ask the user to run the report and enter each prompt to check if they can see all of the data.

Related Information

Concepts

[Concept: Load Metadata into Adaptive Planning on page 86](#)

[Concept: Loaders](#)

Tasks

[Set Up Workday External Systems for Adaptive Planning on page 100](#)

[Create Workday Data Sources for Adaptive Planning on page 76](#)

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

Adaptive Planning Tenant Refreshes

Steps: Set Up Adaptive Planning Tenants After Refreshes

Prerequisites

- Contact Adaptive Planning Support to update the Workday tenant connection in your Adaptive Planning instance in your target environment. Example: Update your core Workday implementation tenant that you connected to your Adaptive sandbox instance.
- Configure your Workday credential and Workday data source in Design Integrations in either your source or target environment, or both.
- If you use user sync, you successfully synced your first nonadministrator user in either your source or target environment, or both.
- Security:
 - *Set Up: Tenant Setup - Adaptive Planning* domain in the System functional area.
 - *Set Up: Tenant Setup - General* domain in the System functional area.

Context

Open a Salesforce ticket to refresh your Workday tenant on demand. Contact your Adaptive Planning Support to refresh your Adaptive Planning instance.

We currently support these tenant refresh scenarios:

- You refresh both the Workday tenant and Adaptive Planning instance on demand.
- The Workday tenant refreshes automatically and you refresh the Adaptive Planning instance on demand.

If these tenant refresh scenarios apply to you, Workday automatically persists:

- Most of your setup from the Adaptive Planning tenant configuration.
- Tasks in Design Integrations.

Because Workday automatically persists your setup, you don't need to:

- Set up your OfficeConnect client again.
- Recreate or update the clients for these functionalities:
 - Workday credentials in Integrations, which use the JWT bearer client grant type.
 - Reports.
 - Publish plans.
 - Drill into business objects and actuals.
- Refresh your notifications setup.

Steps

1. In your Workday tenant, access the Adaptive Planning tab on the Tenant Setup report.
2. Click Refresh User Sign-On on the User Sign-On tab and run the task.
3. (Optional) If you use user sync, Workday automatically syncs your users every 4 hours. To immediately update your synced users, use the User Sync tab.
See [Sync Users with Adaptive Planning](#) on page 29.
4. If you use headcount planning, reconfigure your tenant for headcount planning.
See [Steps: Reconfigure Tenant for Headcount Planning After Tenant Refresh](#) on page 122.

Related Information

Concepts

[Workday Community: Tenant Management](#)

Tasks

[Steps: Configure Adaptive Planning for HCM and Financials](#) on page 16

Reference

[Troubleshooting: User Sync with Adaptive Planning](#) on page 33

Steps: Reconfigure Tenant for Headcount Planning After Tenant Refresh

Prerequisites

Complete the setup for headcount planning before you refresh the tenant.

Context

When you configure Workday Adaptive Planning for headcount planning using a workforce planning configuration manager, you connect your source of truth data in HCM and Financials to Adaptive Planning. This connection enables your planning configuration manager to automatically manage your planning data and metadata. When you refresh your tenant, this connection breaks and you must reconfigure headcount planning.

You must reconfigure headcount planning after you refresh your tenant in these scenarios:

- From production to sandbox.
- From production to implementation.

- From implementation to implementation.
- From any nonproduction, including preview.

Steps

1. In Workday, access the Unregister Planning Application after Tenant Refresh task.

Security: *Set Up: Headcount Planning* in the Adaptive Planning for the Workforce functional area and Headcount Planning functional area.

2. Select your headcount planning application.
3. In Adaptive Planning, select Integration > Design Integrations.

Security: *Data Designer* permission.

4. Access the Workday credential that you use for headcount planning.

See [Steps: Create Workday Credentials in Adaptive Planning on page 46](#).

5. On the credential, select Register Orchestration.

Related Information

Tasks

[Steps: Set Up Headcount Planning on page 125](#)

Troubleshooting: Connection Issues After Adaptive Planning Tenant Refresh

Cause: When your Workday tenant and Adaptive Planning instance were refreshed, there was an issue persisting the connection between them.

Solution: Manually re-establish the connection between Adaptive Planning, and HCM and Financials. These steps only apply if you use or are willing to switch to using JWT Bearer grant type in your Workday credential and the related Workday API client. We currently support other grant types, but we recommend that you use the JWT Bearer grant type.

If you use user sync and need to manually re-establish the connection using these steps, you only need to re-enable the features that you use.

Steps

Security:

- *Set Up: Tenant Setup - Adaptive Planning* in the System functional area.
- *Set Up: Tenant Setup - General* in the System functional area.

1. [Switch to JWT Client Grant Type in Adaptive Planning on page 85](#).

You only need to disable your old Workday API client if you don't use it elsewhere.

2. In your Workday tenant, access the Adaptive Planning tab on the Tenant Setup report.
3. If you use user sync and publish plans, click Refresh Publish Plan Setup on the Publish Plans tab and run the task.
4. If you use user sync and notifications, click Refresh Notifications on the Notifications tab and run the task.
5. If you use user sync and OfficeConnect, click Refresh OfficeConnect on the OfficeConnect tab and run the task.
6. If you use user sync and public APIs, click Refresh Public APIs Setup on the Public APIs tab and run the task.
7. [Steps: Update Workday Data Source, Credential, and External System After Tenant Refreshes on page 124](#).

Related Information

Tasks

[Steps: Set Up Adaptive Planning Tenants After Refreshes on page 121](#)

Steps: Update Workday Data Source, Credential, and External System After Tenant Refreshes

Prerequisites

Security:

- *Data Designer* and *Integration Operator* permissions in Adaptive Planning.
- *Security Administration* domain in the System functional area in Workday.

Context

As a Workday security administrator, you completed all setup to use Workday HCM or Financials with Workday Adaptive Planning. After you refreshed your Workday tenant and Adaptive Planning instance, you encountered issues with some functionalities and need to update your existing Workday credential. To update, authenticate your specific Workday tenant and integration system user (ISU) with your existing Workday data source in your Adaptive Planning instance.

These updates enable you to continue to use these functionalities after your refresh:

- Import HCM and Financials data and metadata into Adaptive Planning.
- Drill into HCM and Financials business objects and actuals.
- Publish plans. To publish plans, you also need to complete additional setup on the Tenant Setup report.

Steps

1. In Adaptive Planning, navigate to Design Integrations in Integration.
2. Access the Credentials section in the Component Library.
3. Select your existing Workday credential.
4. In the Actions pane, click View Certificate.
5. Copy the certificate.
6. In Workday, access the View API Clients task.
7. Click your Adaptive Planning API client.
8. From the related actions menu of your x509 certificate, select x509 Public Key > Edit.
9. Replace the text in the Certificate text box with the certificate you copied from your Workday data source in Adaptive Planning.
10. Click OK.
11. Copy the Client ID from your Adaptive Planning API client.
12. In Adaptive Planning, navigate to Design Integrations in Integration.
13. Access the Credentials section in the Component Library.
14. Select your existing Workday credential.
15. Replace the Client ID with the client ID you copied from your Adaptive Planning API client in Workday.
16. In the Actions pane, click Save.
17. (Optional) We recommend that you select Test Connection in the Actions pane to validate your Workday data source configurations.
18. Access the External Systems section in the Component Library.
19. Select your existing Workday external system.

20.On the External System Settings tab, review these fields to ensure that they contain the correct credential and Workday tenant URL:

- Credentials:
- Drill in URL:

21.(Optional) We recommend that you review and update all of the external system tabs.

Related Information

Tasks

[Steps: Set Up Adaptive Planning Tenants After Refreshes on page 121](#)

Concept: Refreshes with Mixed Connections Between Tenants

To connect Workday Financials or HCM with Workday Adaptive Planning, you must establish that connection in both your Workday tenant and Adaptive Planning instance. Depending on where you are in your implementation and testing, you might not have established that connection in all of your tenants and instances when you need to refresh.

In most scenarios, we refresh from a production environment to a nonproduction tenant type. Your refresh steps differ depending on whether you only established the connection in either the source or target of your refresh.

We currently support refreshes for these scenarios when you don't establish the connection in either your source or target:

- You connected your Workday production tenant to your Adaptive Planning production instance. You didn't connect your Workday sandbox, implementation, or preview tenant to the corresponding Adaptive Planning instance.
- You didn't set up connections for your Workday production tenant or Adaptive Planning production instance. You connected your Workday sandbox, implementation, or preview tenant to the corresponding Adaptive Planning instance.

To refresh, consider:

Source (Production)	Destination (Nonproduction)	Steps for Refresh
Established the connection.	Didn't establish the connection.	Contact your Customer Success Manager and ask them to disable the Workday connection in your Adaptive Planning instance.
Didn't establish the connection.	Established the connection.	After both refreshes occur, reconfigure your entire setup from scratch in your destination. See Steps: Configure Adaptive Planning for HCM and Financials on page 16 .

Headcount Planning

Steps: Set Up Headcount Planning

Prerequisites

- Enable and set up Human Capital Management (HCM).

- Enable and set up Workday Workforce Planning. Workday Workforce Planning is a separate product (SKU) that requires a separate license.
- Enable user sync and sync your first user.
- The supervisory organizations that you want to include on your headcount plan use the position management staffing model.

Context

You can use headcount plans for bottom-up or top-down, position-level workforce planning using activated workforce planning configuration managers. Plan participants use forms to enter position data for their organizations, and plan controllers manage the planning process. This combination enables you to use live workforce planning data to plan while keeping that data synced with your personnel modeled sheet.

Set up security to determine who can:

- Create headcount plans.
- Control headcount planning events.
- Participate in the planning process by entering position data.

You can also set up your business process to determine which actions users can take while the headcount planning is in progress.

Steps

1. Set up the integration system user (ISU) that runs the background jobs for headcount planning.

[See Steps: Set Up Headcount Planning Integration System User on page 130.](#)

2. [Set Up Assignable Roles](#).

If roles with these functions don't already exist, we recommend that you create roles for:

- HR planning administrators. These users can create headcount plans and control planning processes.
- Workforce planners. These users can enter or change position data for their organizations.

On the Enabled for field, select *Supervisory Organization*.

3. For every supervisory organization that you include on the plan, assign someone to every role involved in the planning process.

If you created new assignable roles for headcount planning, add the new roles to your organizations as you assign workers to roles.

To plan for many organizations with planners who you might assign to more than 1 organization, we recommend that you assign these planners to rollup organizations whenever possible. This helps ensure that you create and distribute My Tasks items appropriately. If planners plan for multiple organizations, we automatically consolidate their My Tasks items. We recommend that you structure your planners so that everyone can review their changes.

[See Concept: Assign Roles](#).

4. Create or change existing security groups for your:

- Plan creators and controllers.
- Plan participants.

We support the *Roles - Supervisory* security group type for plan participants.

See:

- [Create Role-Based Security Groups](#).
- [Create User-Based Security Groups](#).

5. Edit Domain Security Policies.

Configure the domain security policies of these domains:

Domain	Description
<i>Participate: Headcount Planning domain in the Adaptive Planning for the Workforce functional area</i>	Give view and modify access to the plan participant security group.
<i>Process: Headcount Planning in the Adaptive Planning for the Workforce functional area</i>	Give view and modify access to the plan controller security group.
<i>Set Up: Headcount Planning in the Adaptive Planning for the Workforce functional area</i>	Give view and modify access to the headcount plan creator security group.
<i>Compensation Details: Headcount Planning in the Adaptive Planning for the Workforce functional area</i>	Give view and modify access to users that need to view and modify compensation data on headcount plans and headcount forecast plans, and view data on reports. To enable users to change a position's supervisory organization, give those users modify access on both the current and new supervisory organization.

Also ensure that your plan participants have domain access to the dimension prompts that they need to pick from on their forms. See [Reference: Dimension Access for Headcount Plan Participants](#) on page 148.

6. Edit Business Process Security Policies.

For the *Headcount Planning* business process, add security groups who can perform these actions:

Option	Description
<i>Who Can Start the Business Process</i>	Add the security groups who you want to use the Configure Headcount Plan task to create headcount plans and generate My Tasks items for controllers and participants.
<i>Who Can Do Action Steps in the Business Process</i>	Add the security groups who you want to receive the plan controller My Tasks items.

7. Activate Pending Security Policy Changes.

8. Edit Business Processes.

For the *Headcount Planning* business process, add the shared participation step. This step enables you to distribute your headcount plan to your planners using My Tasks items. You can add other steps.

Add the shared participation step:

Option	Description
Type	Select <i>Shared Participation</i> .
Specify	Select either: <ul style="list-style-type: none"> <i>Plan Headcount from Bottom Up</i> <i>Plan Headcount from Top Down</i>
Group	We display as options the security groups that you defined on the Who Can Do Action Steps in the Business Process section of the

Option	Description
	<i>Headcount Planning business process security policy.</i>

After you add the shared participation step, select Configure Shared Participation Step. Configure the shared participation step:

Option	Description
Organization Type to Use	Select <i>Supervisory</i> .
Group	Select the group that contains your plan participants.
Process by All in Role	Select to require that for a business process step to complete, all roles assigned to the step must submit.

Result

You can now create headcount plans from activated workforce planning configuration managers.

Scenario 1

Scenario 2

Scenario 3

Scenario 4

This example illustrates how we create and distribute My Tasks items to planners for an organization with this structure:

- 10
 - 10.1
 - 6000A
 - 6000B
 - 10.2
 - 1000

You assign your managers to planning roles on the organizations like this:

- 10 (10 Regional Manager)
 - 10.1 (10.1 State Manager)
 - 6000A (6000A Store Manager)
 - 6000B (6000B Store Manager)
 - 10.2 (10.2 State Manager)
 - 1000 (1000 Store Manager)

When you create a headcount plan for 10, we create 1 My Tasks item for each person.

You assign your managers to planning roles on the organizations like this:

- 10 (10 Regional Manager)
 - 10.1 (10 Regional Manager)
 - 6000A (10 Regional Manager)
 - 6000B (6000B Store Manager)
 - 10.2 (10 Regional Manager)
 - 1000 (1000 Store Manager)

When you create a headcount plan for 10, we create these My Tasks items:

- 10 Regional Manager receives 1 My Tasks item for: 10, 10.1, 6000A, and 10.2.
- 6000B Store Manager receives 1 My Tasks item.
- 1000 Store Manager receives 1 My Tasks item.

You assign your managers to planning roles on the organizations like this:

- 10 (no planner assigned)
 - 10.1 (10 Regional Manager)
 - 6000A (10 Regional Manager)
 - 6000B (6000B Store Manager)
 - 10.2 (10 Regional Manager)
 - 1000 (1000 Store Manager)

When you create a headcount plan for 10, we create these My Tasks items:

- 10 Regional Manager receives 1 My Tasks item for: 10.1, 6000A, 10.2. During bottom-up headcount planning, they can't submit their My Tasks item until 6000B Store Manager submits.
- 6000B Store Manager receives 1 My Tasks item.
- 1000 Store Manager receives 1 My Tasks item.

To enable 10 Regional Manager to more freely submit their My Tasks item during bottom-up headcount planning, we recommend that you either:

- Assign them as planner for 10.
- Create 1 headcount plan for 10.1 and separate headcount plan for 10.2.

You assign your managers to planning roles on the organizations like this:

- 10 (10 Regional Manager)
 - 10.1 (10.1 State Manager)
 - 6000A (10 Regional Manager)
 - 6000B (10 Regional Manager)
 - 10.2 (10.2 State Manager)
 - 1000 (10 Regional Manager)

When you create a headcount plan for 10, we create these My Tasks items:

- 10 Regional Manager receives 1 My Tasks item for: 10, 6000A, 6000B, and 1000.
- 10.1 State Manager receives 1 My Tasks item.
- 6000B Store Manager receives 1 My Tasks item.
- 10.2 State Manager receives 1 My Tasks item.
- 1000 Store Manager receives 1 My Tasks item.

When 10 Regional Manager submits, they submit for 10, 6000A, 6000B, and 1000. When they submit during bottom-up headcount planning, 10.1 State Manager and 10.2 State Manager can't review their changes for 6000A, 6000B, and 1000. When they submit during top-down headcount planning, 10.1 State Manager and 10.2 State Manager can't review their changes for 10.

To ensure that all planners can review their changes, we recommend that you either:

- Assign another planner for 10.
- Assign other planners for 6000A, 6000B, and 1000.

Related Information

Concepts

[Concept: Shared Participation Step](#)

Tasks

[Manage Workforce Planning Configurations on page 49](#)

[Steps: Reconfigure Tenant for Headcount Planning After Tenant Refresh on page 122](#)

[Configure Rule-Based Business Processes](#)

Steps: Set Up Headcount Planning Integration System User

Prerequisites

- Configure user sync and sync your first user.
- Security:
 - In Workday:
 - *Set Up: Tenant Setup - General* domain in the System functional area.
 - *Set Up: Tenant Setup - System* domain in the System functional area.
 - *Set Up: Tenant Setup - Adaptive Planning* domain in the System functional area.
 - In Adaptive Planning:
 - *Permission Sets* permission.
 - *Organization Structure: All Levels* permission.
 - *Users* permission.

Context

We use an ISU to run the headcount planning background jobs that sync your headcount plan with the corresponding Adaptive Planning:

- Plan version.
- Sheet data.
- Sheet definition.

Steps

1. Access the Tenant Setup report.
2. Select the Adaptive Planning tab.
3. On the Public APIs tab, create an ISU.

We automatically create and sync the user profile for this ISU in Adaptive Planning.

4. On the Headcount Planning tab, select this new ISU.
5. In Adaptive Planning, select Administration from the main menu.
6. Select Users.
7. Edit the user profile of the ISU.

8. As you edit this user profile, consider:

Option	Description
Permission Set	Select an administrator permission set that includes these permissions: <ul style="list-style-type: none"> • <i>Import Capabilities</i> • <i>Export Capabilities</i> • <i>Model includes: sheets, accounts, dimensions, and formulas</i> • <i>Versions</i>
Owned Levels	Select the top level. This ISU requires access to all levels in your instance.

9. Give this ISU edit access to:

- The top level.
- Every account on the personnel modeled sheet created by your workforce planning configuration manager.
- Every dimension on the personnel modeled sheet created by your workforce planning configuration manager. Include uncategorized dimension values. If you use secured custom dimensions, include the *All* value.

Depending on how you configure your security structure in Adaptive Planning, see either:

- [Steps: Set Up Access Rule Security](#).
We recommend that you use an access rule security structure to manage level access easier.
- [Steps: Set Up Level-Based Security](#).

10. [Lock or Hide Versions with Version Access Controls](#).

Ensure that the ISU has full access to the version.

11. If you use a multi-instance tree, for every instance with headcount planning:

- Edit the user profile of the ISU to give administrative permissions and access to the top level.
- Give the ISU edit access to the top level.

Create Headcount Plans

Prerequisites

- Create and activate a workforce planning configuration manager with:
 - Company, Cost Center, Supervisory Organization, or a custom organization configured for Level.
 - *Use Plan and Execute Tasks selected*.
- Create and set up an integration system user (ISU) for headcount planning on the Adaptive Planning tab of the Tenant Setup report.
- Configure the *Headcount Planning* business process security.
- Security: *Process: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.

Context

You can create a headcount plan that you use:

- For bottom-up or top-down, position-level workforce planning with a more intuitive experience that also provides the data needed for financial planning.

- To initiate a decentralized planning process by dimension while maintaining a single plan.

This enables you to analyze and plan for stable staffing throughout the organization.

You can create headcount plans with or without events. When you create headcount plans without events, we don't send My Tasks items to planners that invite them to plan. You can add events later to invite planners. Example: You create a headcount plan without events so that you can complete preliminary activities like loading targets or changing assumptions.

When you create a headcount plan with an event, you create My Tasks items for both:

- A plan controller who manages the business process event.
- Plan participants who contribute to their parts of the plan.

These My Tasks items include links to forms for position data entry.

A headcount plan can contain multiple events. Each of those events contain their own sets of My Tasks items, and they can differ from each other.

We distribute My Tasks items to plan participants with links to their parts of the plan based on:

- Dimension access.
- How you configure the *Headcount Planning* business process.
- Organization structure.
- Your users' roles in the planning organizations.

When participants create or edit positions for their parts of the plan, we display options to select based on:

- The level and dimensions that you filter for on your workforce planning configuration manager. If you only include a subset of those levels and dimensions when you create the headcount plan, we display options based on the subset to planners.
- Whether the users have access to this level.

When a planner submits on their My Tasks item, we send a My Tasks item to the next planner in your organization hierarchy who has access to the headcount or headcount forecast plan.

Steps

1. Access the Configure Headcount Plan task.
2. Complete the initial prompt for the task:

Option	Description
Select Application	Select a workforce planning configuration manager. When you select existing planning configuration managers, you can only select planning configuration managers that use the <i>Use Plan and Execute Tasks</i> option.
New Headcount Plan	Select to create a new headcount plan. You can create this headcount plan with or without events. You configure the events later on this task.

Click OK.

3. Create the headcount plan:

Option	Description
Plan Name	Enter a unique name that equal to or less than 64 characters. We automatically use this name as the Adaptive Planning version name.
From To	Select the effective dates for: <ul style="list-style-type: none"> • Plan start date. • Plan end date.
Top Level Hierarchy	We automatically use the top-level hierarchy from your workforce planning configuration manager.
Planning Organizations	Select the organizations that: <ul style="list-style-type: none"> • The plan controller and plan participants have headcount planning roles on. • You want to include on the overall plan. <p>We only display organizations that are subordinate to the top-level hierarchy.</p>
Reporting Currency	We automatically populate this field with the default currency of the Workday tenant. Ensure that this currency matches the reporting currency of your Adaptive Planning model.
Create an event for this headcount plan	A headcount plan can contain multiple events, but you can only add 1 event at a time. Complete the Configure Headcount Plan task again to add another event.
Planning Organizations for This Event	Select organizations that you included as Planning Organizations for this headcount plan.
Include Subordinates	Select to include all subordinate organizations underneath the planning organizations for this event. Example: For Planning Organizations for This Event, you select Cost Center 10. The organization hierarchy is: <ul style="list-style-type: none"> • Cost Center 10 • Cost Center 10.1 • Cost Center 10.1.1 Each cost center has their own planner. When you select Include Subordinates, each planner receives a My Tasks item. When you keep Include Subordinates cleared, only the planner for Cost Center 10 receives a My Tasks item.
View Participants	Select to review the planners who will receive My Tasks items.
Position Detail View	Select to enable your planners to use a position-level grid to create and edit positions.

Option	Description
	You must select at least 1 view.
Aggregate View	<p>Select to enable your planners to use these grids to update summarized headcount numbers for job profiles:</p> <ul style="list-style-type: none"> • Headcount • Cost of Workforce • FTE <p>Example: When you select the <i>Software Engineer</i> job profile on the filters, we display data like total <i>Planned New Hires</i> for each period in your headcount plan date range. Your planner can enter <i>10</i> for <i>Planned New Hires</i> in February and <i>0</i> for March.</p> <p>You must select at least 1 view.</p>
Organization View	<p>Select to enable your planners to use an organization chart to create and edit positions. We display the supervisory organization that the planner selects on the filter and all of the subordinate organizations.</p> <p>You must select at least 1 view.</p>
Routing	<p>The bottom-up and top-down routing methods require separate business process configurations. Ensure that your <i>Headcount Planning</i> business process is set up for the routing method that you select.</p>

Result

When you submit, we:

- Create and distribute the My Tasks items. We automatically consolidate My Tasks items for planners with multiple organizations.
- Create the plan version that's associated with the headcount plan.

You can cancel the *Headcount Planning* business process event and delete the:

- My Tasks items for the shared participation controller and participants.
- Baseline version and working plan version associated with the headcount plan.

While the business process is in progress:

- If a reorganization occurs and the worker assigned to a plan participant role changes, we only remove the Headcount Planning Participant Detail Event from the My Tasks of the outgoing worker. We retain any saved changes made to the plan by the outgoing worker.
- We lock the corresponding Adaptive Planning baseline version. We lock the plan version after the business process completes. If in progress plans exist from before 2025R2, you must manually lock the plan version.

Next Steps

We recommend that you load your target KPI data after you submit so that planners can plan using those targets. Your planners see this KPI data above the headcount plan when they enter position data.

Access the View Headcount Plan Configuration report to view the:

- Events on the headcount plan.
- Headcount plan configuration.
- Headcount plan using the Open Headcount Plan button.
- Status of the background jobs that keep this level in sync with Adaptive Planning. This status includes the status of version creation in Adaptive Planning.
- Status of the plan.

You can also use the report to add events and complete the headcount plan.

Related Information

Tasks

[Manage Workforce Planning Configurations](#) on page 49

Examples

[2023R2 What's New Post: Bottom-Up Workforce Planning](#)

Add Events to Existing Headcount Plans

Prerequisites

- You have access to an existing headcount plan.
- Configure the *Headcount Planning* business process security.
- Security: *Process: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.

Context

When you add an event to an existing headcount plan, you create My Tasks items for both:

- A plan controller who manages the business process event.
- Plan participants who contribute to their parts of the plan.

These My Tasks items include links to forms for position data entry.

A headcount plan can contain multiple events. Each of those events contain their own sets of My Tasks items, and they can differ from each other.

We distribute My Tasks items to plan participants with links to their parts of the plan based on:

- Dimension access.
- How you configure the *Headcount Planning* business process.
- Organization structure.
- Your users' roles in the planning organizations.

When participants create or edit positions for their parts of the plan, we display options to select based on:

- The level and dimensions that you filter for on your workforce planning configuration manager.
- If you only include a subset of those levels and dimensions when you create the headcount plan, we display options based on the subset to planners.
- Whether the users have access to this level.

When a planner submits on their My Tasks item, we send a My Tasks item to the next planner in your organization hierarchy who has access to the headcount or headcount forecast plan.

Steps

1. Access the Configure Headcount Plan task.

2. Complete the initial prompt for the task:

Option	Description
Select Application	Select a workforce planning configuration manager. When you select existing planning configuration managers, you can only select planning configuration managers that use the <i>Use Plan and Execute Tasks</i> option.
New Headcount Plan Event	Select to add a new planning event to an existing headcount plan.
Select Headcount Plan	Select the existing headcount plan where you want to add a new planning event. Displays when you select New Headcount Plan Event.
Event Name	Enter a name that's unique to the events on this headcount plan.

3. Click OK.

4. Complete the task:

Option	Description
Plan Name	Enter a unique name that equal to or less than 64 characters. We automatically use this name as the Adaptive Planning version name.
From To	Select the effective dates for: <ul style="list-style-type: none">• Plan start date.• Plan end date.
Top Level Hierarchy	We automatically use the top-level hierarchy from your workforce planning configuration manager.
Planning Organizations	Select the organizations that: <ul style="list-style-type: none">• The plan controller and plan participants have headcount planning roles on.• You want to include on the overall plan. We only display organizations that are subordinate to the top-level hierarchy.
Reporting Currency	We automatically populate this field with the default currency of the Workday tenant. Ensure that this currency matches the reporting currency of your Adaptive Planning model.
Create an event for this headcount plan	A headcount plan can contain multiple events, but you can only add 1 event at a time. Complete the Configure Headcount Plan task again to add another event.
Planning Organizations for This Event	Select organizations that you included as Planning Organizations for this headcount plan.

Option	Description
Include Subordinates	<p>Select to include all subordinate organizations underneath the planning organizations for this event.</p> <p>Example: For Planning Organizations for This Event, you select <i>Cost Center 10</i>.</p> <p>The organization hierarchy is:</p> <ul style="list-style-type: none"> • Cost Center 10 • Cost Center 10.1 • Cost Center 10.1.1 <p>Each cost center has their own planner. When you select Include Subordinates, each planner receives a My Tasks item. When you keep Include Subordinates cleared, only the planner for Cost Center 10 receives a My Tasks item.</p>
View Participants	Select to review the planners who will receive My Tasks items.
Position Detail View	<p>Select to enable your planners to use a position-level grid to create and edit positions.</p> <p>You must select at least 1 view.</p>
Aggregate View	<p>Select to enable your planners to use these grids to update summarized headcount numbers for job profiles:</p> <ul style="list-style-type: none"> • Headcount • Cost of Workforce • FTE <p>Example: When you select the <i>Software Engineer</i> job profile on the filters, we display data like total Planned New Hires for each period in your headcount plan date range. Your planner can enter <i>10</i> for Planned New Hires in February and <i>0</i> for March.</p> <p>You must select at least 1 view.</p>
Organization View	<p>Select to enable your planners to use an organization chart to create and edit positions. We display the supervisory organization that the planner selects on the filter and all of the subordinate organizations.</p> <p>You must select at least 1 view.</p>
Routing	<p>The bottom-up and top-down routing methods require separate business process configurations. Ensure that your <i>Headcount Planning</i> business process is set up for the routing method that you select.</p>

Result

When you submit, we:

- Create and distribute the My Tasks items. We automatically consolidate My Tasks items for planners with multiple organizations.
- Create the plan version that's associated with the headcount plan.

You can cancel the *Headcount Planning* business process event and delete the:

- My Tasks items for the shared participation controller and participants.
- Baseline version and working plan version associated with the headcount plan.

While the business process is in progress:

- If a reorganization occurs and the worker assigned to a plan participant role changes, we only remove the Headcount Planning Participant Detail Event from the My Tasks of the outgoing worker.
- We retain any saved changes made to the plan by the outgoing worker.
- We lock the corresponding Adaptive Planning baseline version. We lock the plan version after the business process completes.
- If in progress plans exist from before 2025R2, you must manually lock the plan version.

Next Steps

We recommend that you load your target KPI data after you submit so that planners can plan using those targets.

Your planners see this KPI data above the headcount plan when they enter position data.

Access the View Headcount Plan Configuration report to view the:

- Events on the headcount plan.
- Headcount plan configuration.
- Headcount plan using the Open Headcount Plan button.
- Status of the background jobs that keep this level in sync with Adaptive Planning.
- This status includes the status of version creation in Adaptive Planning.
- Status of the plan.

You can also use the report to add events and complete the headcount plan.

Manage Headcount Planning Events

Prerequisites

Security: *Process: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.

Context

When your plan administrator creates a headcount plan or headcount forecast plan, they create My Tasks items for both:

- A plan controller who manages the business process event.
- Plan participants who contribute to their parts of the plan. These My Tasks items include a link to a form for position data entry.

As the plan controller, you can use your My Tasks item to:

- Close participant events and remove their My Tasks items.
- Pull forward unsubmitted participant events and remove their My Tasks items.
- Submit business process events for selected plan participants and move the business process forward.
- View and change the plan. You can add or change planning information on behalf of plan participants. You can only access these parts of the plan if you have a role on that organization.

While the business process is in progress, we lock the corresponding Adaptive Planning baseline and plan versions.

Steps

1. Access your Headcount Planning Event My Tasks item.
2. Manage the planning event:

Option	Description
Open Headcount Plan	We automatically display position data for all supervisory organizations that you have access to when you view the plan. To filter the plan for easier editing, use the Planning Organization prompt.
Refresh Actuals	<p>Refresh Human Capital Management (HCM) actuals into your plan based on the actuals from your workforce planning configuration manager. When you refresh, we don't automatically update the baseline plan version in Adaptive Planning.</p> <p>We highly recommend that you refresh when planners aren't actively planning.</p>
Pull Forward	<p>Submit the individual business process event on behalf of this participant and remove their My Tasks item. On your plan controller My Tasks item, we display <i>Manually Advanced</i> as this participant's event status.</p> <p>When you pull forward an individual business process event that has a superior event, we notify that superior planner that they can start planning.</p> <p>If the next planner in your routing hierarchy is waiting for this individual event to complete, we notify that planner that they can start planning.</p>
Close	Cancel the individual business process event that exists for this participant and remove their My Tasks item. On your plan controller My Tasks item, we display <i>Closed</i> as this participant's event status. We retain any changes the participant made, but you can manually adjust these changes on the headcount plan.
Submit	<p>Before you submit a headcount forecast plan, ensure that you reconcile your latest actuals against this plan. Depending on how your plan administrator set up this plan, you might have already created positions when you executed using the source plan and risk creating duplicate positions using this headcount forecast plan.</p> <p>You can only submit the plan when all individual plan participant events are either:</p>

Option	Description
	<ul style="list-style-type: none"> • Pulled forward. • Submitted. <p>If your business process includes an approval step, we send this plan for approval when you submit the plan. If any unsubmitted participant events exist, we automatically pull forward their events and remove their My Tasks items.</p>
Start Planning	<p>We automatically display position data for all supervisory organizations that you have access to when you view the plan. To filter the plan for easier editing, use the Supervisory Organization prompt.</p>

Result

After you submit the plan, we:

- Lock the corresponding plan version in Adaptive Planning after the business process completes.
- Lock the source headcount plan if you submitted a headcount forecast plan.
- Remove your My Tasks item.

You can continue to access the headcount plan from the related actions menu of the *Headcount Plan* on the View Headcount Plan Configuration report. To maintain plan integrity, we make the headcount plan read-only for you when:

- All plan participants submit or you pull the entire plan forward.
- You pull forward the individual business process event of the participant.
- You close the individual business process event that exists for the participant.
- The participant submits their part of the headcount plan.

When the headcount plan is read-only, we disable these actions:

- Add or edit positions.
- Change numbers in grids.
- Select rows.

You can continue to:

- Apply filters.
- Select Level and Period.

Complete Headcount Planning Participant Detail Events

Prerequisites

- Ensure that your security administrator assigns you to a headcount planning role on the supervisory organizations included on the headcount plan or headcount forecast plan.
- Security: *Participate: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.

Context

When your plan administrator creates a headcount plan or headcount forecast plan, they create My Tasks items for both:

- A plan controller who manages the business process event.
- Plan participants who contribute to their parts of the plan. These My Tasks items include a link to a form for position data entry.

As the plan participant, you can use your form to:

- Add positions. You can add positions individually or in bulk.
- Duplicate existing positions. You can change details about the position before you duplicate.
- Edit existing To Be Hired (TBH) positions. You can edit TBH positions individually or in bulk by effective date.
- Remove positions.
- View and refresh key performance indicator (KPI) charts that display plan progress based on each action that plan participants can take.

Steps

1. Access your Headcount Planning Participant Detail Event My Tasks item.
 2. Select Open Headcount Plan.
 3. (Optional) Filter the data to display using these prompts:
 - Planning Organization. Changing this option changes both:
 - The KPI data that we display.
 - Which positions we display.
 - Period. Changing this option only changes the KPI data, not the positions we display on the grid.
 - Effective Date. Changing this option only changes the positions we display on the grid, not the KPI data. We display position information based on the effective start date of any changes.
- You can also filter the positions to display using the Filter options.
4. (Optional) Use the switch to change your view between:
 - A position details view. You can use this view to create and edit positions.
 - A hierarchical organization chart with summarized position details. This view is read-only.
 - An aggregate view with grids that contain summarized numbers. You can use this view to change summarized headcount numbers.

Your plan administrator controls which views you receive, and they can't change which views you have after the My Tasks items are distributed.

5. To create new positions in the position details view, you can either:
 - Select New.
 - From the actions menu of an existing position, select *Duplicate*.

When you create or duplicate TBH positions, select *Planned* on the Staffing Status field.

6. To edit positions in the position details view, you can either:
 - Select Edit from the actions menu of a position.
 - Select 1 or more rows and click the Edit button. To select a range of rows, select the first position in your range, hold Shift on your keyboard, and select the last position in your range. To select multiple individual positions without a range, select the first position, hold Command for Mac or Control on Windows on your keyboard, and select the other positions.
 - Select the calendar icon to edit an existing effective-dated change for the position.

If you select multiple positions for a bulk edit and differing position details exist, we apply your changes to all of the selected positions. If you include TBHs in your multiselect, we only apply effective-dated changes to existing positions because TBHs don't have effective dates.

7. Edit positions in the position details view:

Option	Description
Effective As Of	When you add changes with a new effective date, enter the new effective date. When you save the form draft, we add the new effective date to the list of existing effective dates. When you edit changes set to occur at an existing future effective date, select that effective date.
Apply these changes to existing future-dated edits for these positions	Apply changes that you make on this form to existing future-dated edits for the selected positions.

8. To remove TBH rows in the positions details view, select Remove from the actions menu of the row.

You can only remove planned new positions with a TBH ID.

9. To change headcount numbers in the aggregate view, edit the white cells in the grids.

Depending on whether you increased or decreased the numbers, we display either:

- A modal where you can enter position details for the new positions.
- A modal where you can select which positions to remove from that summarized number.

If cells are gray, either:

- Change your filters.
- Your plan administrator configured these values as read-only.

Result

When you submit your part of the plan, we:

- Don't lock the corresponding rows on the Adaptive Planning sheet. We only lock the plan version when your plan controller submits the entire plan and the business process completes.
- Remove your Headcount Planning Participant Detail Event My Tasks item.
- Notify the next planner in your routing hierarchy that they can start planning, if this planner exists.

Example

An effective-dated edit to a position already exists to change locations from New York City to Los Angeles and increase their compensation basis amount, effective on 2024-04-01. On a new effective-dated change, you enter this data:

Option	Description
Effective As Of	Enter 2024-03-01.
Apply these changes to existing future-dated edits for these positions	Leave this check box selected.
Location	Change from <i>New York City</i> to <i>San Francisco</i> .
Compensation Basis Amount	Don't change the compensation basis amount.

For this position, 2 effective-dated changes now exist. On 2024-03-01, they move from New York City to San Francisco and their compensation basis amount doesn't change. On 2024-04-01, their compensation basis amount changes and they work in San Francisco, not Los Angeles. On the linked Adaptive Planning modeled sheet, at least 3 rows now exist for this position:

Location	Compensation Basis Amount	Effective Start Date	Effective End Date
New York City	50,000-60,000 USD	A date in the past.	2024-02-29
San Francisco	50,000-60,000 USD	2024-03-01	2024-03-31
San Francisco	60,000-70,000 USD	2024-04-01	

Execute Headcount Plans

Prerequisites

- Configure the ID definition and sequence generator for ID for To Be Hired Positions on the Edit Tenant Setup - HCM task.
- Approve a source plan that was originally created from a workforce planning application with the *Use Plan and Execute Tasks* option selected. See [Manage Workforce Planning Configurations](#) on page 49.
- On the workforce planning configuration manager, map plan fields to task fields on these position tasks and activate any changes:
 - Create Position
 - Change Organization
- Ensure that you have access to the levels and dimensions related to the positions.
- Configure these business processes and their security policies:
 - Create Position* business process in the Staffing functional area. You must have a role on the initiating action of this security policy.
 - Headcount Planning* business process in the Adaptive Planning for the Workforce functional area.
- Security: *Process: Headcount Planning* domain in the Adaptive Planning for the Workforce functional area.

Context

After you approve a headcount plan that you created from a workforce planning configuration manager, you can create positions directly from that plan to make it easier for you to:

- Reconcile headcount.
- Track the business process event progress of all positions on the plan.

If you manually created position restrictions already using the Create Position task, you can link them to your headcount plan so that you can track them and include them in headcount reconciliation.

For headcount reconciliation, we automatically connect:

- The positions that you plan for.
- The position restrictions that you create on this task and any related actuals.
- Any forecast headcount plans that you create using this plan and any related actuals.
- The Adaptive Planning roster modeled sheet that was created for this plan using the planning configuration manager.

Steps

- Access the Execute Headcount Plan task.
- Select an approved headcount plan that was created using a workforce planning configuration manager.

3. Select a supervisory organization.
4. As you complete the Not Started tab, consider:

Option	Description
Actions icon	Select to create this position.
Review for Submission button	Select multiple rows to create positions in bulk with this button.
Link to Unplanned Positions	(Optional) Link position restrictions that you manually created already using the Create Position task to new planned positions on this headcount plan. When you link unplanned positions, you can: <ul style="list-style-type: none"> • Track these positions like the planned positions. • Include these originally unplanned positions with the planned positions in headcount reconciliation.

5. (Optional) Use these tabs to monitor the progress of business process events related to creating the positions:

Tab	Description
Not Started	Create positions directly from rows on this tab. No <i>Create Position</i> business process events exist for these positions.
In Progress	We display positions with <i>Create Position</i> business process events with these statuses: <ul style="list-style-type: none"> • <i>In Progress</i> • <i>Rescinded</i> • <i>Revised</i> You can select the Review Position Request icon for a row to view the <i>Create Position</i> business process event.
Completed	We display positions with <i>Create Position</i> business process events with the <i>Successfully Completed</i> status. You can select the Review Position Request icon for a row to view the <i>Create Position</i> business process event.
Canceled	We display positions with <i>Create Position</i> business process events with these statuses: <ul style="list-style-type: none"> • <i>Canceled</i> • <i>Process Definition Error</i> • <i>Process Terminated</i>

Related Information

Examples

[2023R2 What's New Post: Execute New Planned Positions](#)

Create Headcount Forecast Plans

Prerequisites

- Approve a source headcount plan that was originally created using the Manage Workforce Planning Configuration task with the *Use Plan and Execute Tasks* option selected.
- Configure the *Headcount Planning* business process and security policy in the Adaptive Planning for the Workforce functional area.

Context

When your planning cycle is in progress and actuals have occurred, you can create a headcount forecast plan to either:

- Adjust your current headcount plan according to the ongoing and changing needs of the organization.
- Start your new planning cycle.

You can create a headcount forecast plan based on:

- An approved headcount plan as the source plan.
- The latest actuals.

We merge the To Be Hired (TBH) and existing position edits from the source plan with the latest actuals. You can include unexecuted TBH positions from the source plan with effective dates in both the past and the future.

You can create headcount forecast plans with or without events. When you create headcount forecast plans without events, we don't send My Tasks items to planners that invite them to plan. You can add events later to invite planners. Example: You create a headcount forecast plan without events so that you can complete preliminary activities like loading targets or changing assumptions.

When you add an event to a headcount forecast plan, you create My Tasks items for both:

- A plan controller who manages the business process event.
- Plan participants who contribute to their parts of the plan.

These My Tasks items include links to forms for position data entry.

We distribute My Tasks items to plan participants with links to their parts of the plan based on:

- Dimension access.
- How you configure the *Headcount Planning* business process.
- Organization structure.
- Your users' roles in the supervisory organizations.

When participants create or edit positions for their parts of the plan, we display options to select based on:

- The level and dimensions that you filter for on your workforce planning configuration manager. If you only include a subset of those levels and dimensions when you create the headcount plan, we display options based on the subset to planners.
- Whether the users have access to this level.

When a planner submits on their My Tasks item, we send a My Tasks item to the next supervisory organization owner above that planner who has access to the headcount or headcount forecast plan.

Steps

- Access the Create Headcount Forecast task.
- Select your approved source headcount plan.

3. Click OK.
4. Create the headcount forecast plan:

Option	Description
Include past unexecuted source plan TBHs	Select to include unexecuted TBHs from the source headcount plan with effective dates in the past. We already include unexecuted TBHs with effective dates in the future.
Lock Source Plan Executions	<p>Select to disable the ability to execute positions from the source headcount plan when you create this headcount forecast plan.</p> <p>We lock the source headcount plans from execution so that you only use the latest plan for position execution. You can only execute from headcount forecast plans after you approve them.</p> <p>If you don't select this check box:</p> <ul style="list-style-type: none"> • We automatically lock source plan executions when you approve this headcount forecast plan. • You must manually reconcile your latest actuals with this headcount forecast plan before you submit. Otherwise, you might create duplicate positions when you execute using this plan because you might have already created the positions using the source plan.
Forecast Date	We automatically use the current date.
From To	Select the effective dates for: <ul style="list-style-type: none"> • Plan start date. • Plan end date.
Top Level Hierarchy	We automatically use the top-level hierarchy from your workforce planning configuration manager.
Planning Organizations	We automatically use the organizations from your source headcount plan.
Reporting Currency	We automatically populate this field with the default currency of the Workday tenant. Ensure that this currency matches the reporting currency of your Adaptive Planning model.
Create an event for this headcount plan	A headcount plan can contain multiple events, but you can only add 1 event at a time. Complete the Configure Headcount Forecast task again to add another event.
Planning Organizations for This Event	Select organizations that you included as Planning Organizations for this headcount plan.

Option	Description
Include Subordinates	<p>Select to include all subordinate organizations underneath the planning organizations for this event.</p> <p>Example: For Planning Organizations for This Event, you select Cost Center 10.</p> <p>The organization hierarchy is:</p> <ul style="list-style-type: none"> • Cost Center 10 • Cost Center 10.1 • Cost Center 10.1.1 <p>Each cost center has their own planner. When you select Include Subordinates, each planner receives a My Tasks item. When you keep Include Subordinates cleared, only the planner for Cost Center 10 receives a My Tasks item.</p>
View Participants	Select to review the planners who will receive My Tasks items.
Position Detail View	<p>Select to enable your planners to use a position-level grid to create and edit positions.</p> <p>You must select at least 1 view.</p>
Aggregate View	<p>Select to enable your planners to use these grids to update summarized headcount numbers for job profiles:</p> <ul style="list-style-type: none"> • Headcount • Cost of Workforce • FTE <p>Example: When you select the <i>Software Engineer</i> job profile on the filters, we display data like total <i>Planned New Hires</i> for each period in your headcount plan date range. Your planner can enter <i>10</i> for <i>Planned New Hires</i> in February and <i>0</i> for March.</p> <p>You must select at least 1 view.</p>
Organization View	<p>Select to enable your planners to use an organization chart to create and edit positions. We display the supervisory organization that the planner selects on the filter and all of the subordinate organizations.</p> <p>You must select at least 1 view.</p>
Routing	<p>The bottom-up and top-down routing methods require separate business process configurations. Ensure that your <i>Headcount Planning</i> business process is set up for the routing method that you select.</p>

Result

You can cancel the *Headcount Planning* business process event and delete the:

- My Tasks items for the shared participation controller and participants. We automatically consolidate My Tasks items for planners with multiple organizations.
- Baseline version and working plan version associated with the headcount forecast plan.

If you cancel the business process event with the Lock Source Plan Executions check box selected, the source headcount plan remains locked from executions.

While the business process is in progress:

- If a reorganization occurs and the worker assigned to a plan participant role changes, we only remove the Headcount Planning Participant Detail Event from the My Tasks of the outgoing worker. We retain any saved changes made to the plan by the outgoing worker.
- We lock the corresponding Adaptive Planning baseline version. We lock the plan version after the business process completes. If in progress plans exist from before 2025R2, you must manually lock the plan version.

Next Steps

To update the target KPI data that planners see above the headcount plan when they enter position data, reload your target KPI data after you submit. Otherwise, we display the same target KPI data from the source headcount plan.

Access the View Headcount Plan Configuration report to view the:

- Events on the headcount forecast plan.
- Plan configuration.
- Headcount forecast plan using the Open Headcount Plan button.
- Status of the background jobs that keep this level in sync with Adaptive Planning. This status includes the status of version creation in Adaptive Planning.
- Status of the plan.

You can also use the report to add events and complete the headcount forecast plan.

Related Information

Tasks

[Manage Headcount Planning Events](#) on page 138

[Complete Headcount Planning Participant Detail Events](#) on page 140

Examples

[2023R2 What's New Post: Headcount Forecast Planning](#)

Reference: Dimension Access for Headcount Plan Participants

When a plan administrator creates a headcount plan or headcount forecast plan, they create My Tasks items for both:

- A plan controller who manages the business process event.
- Plan participants who contribute to their parts of the plan. These My Tasks items include a link to a form for position data entry.

Plan participants require access to the dimension prompts that they need to pick from on their forms. This enables plan participants to view lists of dimension values and search for dimension values in the prompt. If you use calculated fields, you must also ensure that your plan participants have access to the data that you pull in.

To give plan participants access to these dimension prompts, configure access to these domains:

Dimension	Domain
Company	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area
Compensation Currency	<i>Set Up: Currency (Compensation functional area)</i> domain in the Core Compensation functional area
Compensation Grade	<i>Set Up: Compensation Packages</i> domain in the Core Compensation functional area
Cost Center	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area
Difficulty to Fill	<i>Set Up: Job</i> domain in the Jobs & Positions functional area
Event Classification Subcategory	We don't restrict access to view the list of dimension values.
Location	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area
Management Level	<i>Management Level: View</i> domain in the Jobs & Positions functional area
Job Profile	<ul style="list-style-type: none"> • <i>Job Profile: View</i> domain in the Jobs & Positions functional area • <i>Public Job: View</i> domain in the Jobs & Positions functional area
Job Requisition	<i>Worker Data: All Positions</i> domain in the Staffing functional area
Planning Staffing Status	<p><i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area</p> <p>We don't support searching for dimension values in these prompts.</p>
Region	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area
Supervisory Organization	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area
Time Type	We don't restrict access to view the list of dimension values. We don't support searching for dimension values in these prompts.
Worker	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area
Worker Sub- Type	We don't restrict access to view the list of dimension values. We don't support searching for dimension values in these prompts.
Worker Type	<i>Public Reporting Items</i> domain in the Tenant Non-Configurable functional area

Troubleshooting: Recreate Modeled Accounts for Headcount Planning

The planning configuration manager creates 3 modeled accounts:

- FTE.
- Headcount.
- Cost of Workforce.

The formulas for each account can derive from values in another modeled account.

When you delete and recreate these accounts, the dashboard at the top of the headcount plan page can display zero. The value can't update because of version locking by the planning configuration manager.

Cause: The planning configuration manager creates locked baseline versions in Adaptive Planning. The recreated account version formulas can't update in the version.

Solution: Unlock the baseline version, update the formulas for each recreated modeled account on that baseline version, then relock the baseline version.

Steps

Security:

- *Model includes: sheets, accounts, dimensions, and formulas* permission.
- *Versions* permission.

1. In Adaptive Planning, select Modeling > Model Management from the main menu.
2. Select Versions.
3. Select the baseline version that the planning configuration manager automatically created.
4. Clear the Locked version check box.
5. Click Save.
6. Select Modeling > Model Management from the main menu.
7. Select Level Assigned Sheets.
8. Select Edit for the modeled sheet that contains the accounts that you recreated.
9. Select Modeled Accounts.
10. Select one of the modeled accounts that you recreated.
11. Select the baseline version in the Formula Version Selector field in the Data Type section.
12. Add the formula.
13. Save the modeled account settings.
14. Repeat the steps for the modeled accounts that rely on the account you recreated.
15. Select Modeling > Model Management from the main menu.
16. Select Versions.
17. Select the baseline version that the planning configuration manager automatically created.
18. Select the Locked version check box.

Publish Plans from Adaptive Planning

Concept: Publish Plans from Adaptive Planning

A plan, for publishing purposes, is an Adaptive Planning plan version containing:

- A date range.

- Levels.
- Accounts.
- Dimensions.
- One or more sheets.

When you publish, you send the data of the Adaptive Planning version as drafts into Workday HCM, Financials, or financial budgets for Adaptive Planning and Consolidation (AP&C). Publish plans so that you can:

- Preview plans in Workday.
- Generate Management Reporting.
- Expedite position creation without requiring review.

Before you can publish a Financial or Headcount plan, a Plan Administrator in Workday builds a plan structure and creates plan templates. The plan templates contain the dimensions, ledger accounts, time periods, and start and end dates that line up with Adaptive Planning version start and end dates.

Before you can publish Workforce Planning Actions, a Plan Administrator in Workday configures a Workforce Planning Action Event task.

Within the Adaptive Planning Version Admin, an administrator selects a version and enables publishing access for one or more of these plan types:

- Financial, which works for AP&C as well as Workday Financials.
- Headcount
- Workforce

You can access Publish Plan from the main navigation menu in Adaptive Planning when you have the Administrator role and at least one of these permissions:

- Publish Financial Plan into Workday.
- Publish Headcount Plan into Workday.
- Publish Workforce Action Plan into Workday.

Your publish permissions determine the plan types you can publish. Select a plan to publish to, configure any settings and mappings, and publish.

You can publish Workforce Plans directly from a position modeled sheet, enabling you to view the filtered rows that make up the plan when publishing.

Publishing doesn't support Worktag Type Precedence, where selecting a worktag automatically selects other worktags.

Financial Plans

Financial Plans enable you to plan budgets in Adaptive Planning and publish that data to Workday as drafted budgets. You can schedule a financial plan to publish during off-peak hours.

Headcount Plans

Headcount Plans enable you to plan for new positions in aggregate in Adaptive Planning and publish that information to HCM. You can compare real-time information in Workday to your plan when you publish Cost of Workforce (CoW) account values.

Workforce Planning Actions

Workforce Planning Actions let you plan for new positions in Adaptive Planning and publish them to HCM. This enables you to:

- Publish planned new position information from Adaptive Planning.
- Expedite a workforce planning action directly to HCM and skip downstream reviews.

- Review and enrich the published data before submitting it for position creation.
- Reconcile newly created positions back into the modeled sheet.

Workforce Planning Actions only support data on the initiating action for *Create Position* or *Create Job Requisition* business processes. Workforce Planning Actions don't support sub-business processes.

Publish Financial Plans from Adaptive Planning

Steps: Publish Financial Plans from Adaptive Planning

Prerequisites

To publish plans for Adaptive Planning and Consolidation (AP&C) or Workday Financials:

- Sync the user profiles of all users involved in the publishing process.
- Enable users to publish plans on the Tenant Setup report.
- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area.

For Workday Financials that don't use the planning configuration manager to set up Adaptive Planning, you must also:

- Set up your Adaptive Planning instance with a Workday Tenant.
- Configure the Workday data source and load your ledger account and dimension metadata.

Context

Publish financial plan versions from Workday Adaptive Planning to Workday so that you can:

- Preview plans in Workday.
- Generate management reporting.
- Execute budgetary control.

Workday uses plan structures and plan templates to make Adaptive Planning plans available in Workday. You can create your plan structure and plan template before or after you create and approve your Adaptive Planning plan.

We don't support publishing these plans:

- Multi-year financial plans that use balance sheet ledger accounts.
- Single-year financial plans that use both balance sheet and income statement ledger accounts.
- Financial plans that don't use ledger accounts.

To plan using both balance sheet and income statement ledger accounts in a single year, you must separate those ledger accounts onto 2 different plan structures.

You can use a virtual plan hierarchy for reporting when you use either:

- Both balance sheet and income statement ledger accounts.
- Both a financial plan and a position budget.
- More than 1 plan structure.

You can automate publishing on a schedule by creating a publish integration task in Adaptive Planning Design Integrations.

Steps

1. Access the Maintain Entry Types task.

Define a plan entry type for the *Financial* plan type to identify the plan lines for this plan type. You associate an entry type with a plan structure when you create a plan template.

Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area.

2. [Create Financial Plan Structures for Adaptive Planning](#) on page 153.

3. (Optional) Link virtual child plan structures: .
 - For Financials, see [Link Virtual Child Plan Structures](#).
 - For AP&C see [Link Virtual Child Plan Structures for AP&C](#).

4. [Create Financial Plan Templates for Adaptive Planning](#) on page 157.

5. [Publish Financial Plans from Adaptive Planning](#) on page 160.

6. (Optional) [Schedule Publish Plans](#) on page 162.

Result

You can use the Find Plan report to find plans that you published.

If you use amendments and approvals, you can:

- Submit the plan for approval.
- Amend your plan.

Next Steps

You can use budgetary control options to check your published plan as part of your business process workflow before approving financial transactions.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning](#) on page 150

Tasks

[Enable Features After User Sync](#) on page 40

[Steps: Configure Adaptive Planning for HCM and Financials](#) on page 16

Create Financial Plan Structures for Adaptive Planning

Prerequisites

Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area.

Context

Plan structures are the foundation for your Workday Adaptive Planning plans in Workday. The structures determine:

- The type of plan.
- The fiscal schedule and periods on which to build the periods and duration.
- The ledger accounts and dimensions available to include when defining plans.
- Whether plans require approval, and other key attributes.

Once you create a plan structure with the same accounts and dimensions that you use on your Adaptive Planning financial plan, you can create a plan template and then publish to the plan template.

You can use the same structure for multiple companies.

Steps

1. Access the Create Plan Structure or Edit Plan Structure task.
2. Select *Financial* as the Plan Type.
3. As you complete the task, consider:

Option	Description
Use Amendments/Approval	<p>Select to:</p> <ul style="list-style-type: none"> • Enable amendments on published and approved plans. • Require approval for published plans. <p>When you select this option, Workday displays only approved entries in the totals for the Budget vs. Actuals worklet and these reports:</p> <ul style="list-style-type: none"> • Consolidated Budget Summary (Deprecated) • Budgetary Balance • Manager Budgetary Balance <p>Otherwise, Workday calculates the totals for the published plans in all statuses, including <i>Approved</i> and <i>Denied</i>.</p>
Use Contextual Amendments	<p>Select to amend published and approved plans that you create using this structure in context of your current budget and current spend.</p> <p>When you select this check box, Workday displays the running total of your budget and these columns on budget amendment tasks:</p> <ul style="list-style-type: none"> • Current Plan Amount • Current Spend • Remaining Plan • Percentage Change • Total Plan • Proposed Remaining Plan <p>You can change this setting at any time.</p>

4. On the Schedule tab, select *Period* on the Plan Entry By prompt.

When you plan by period, Workday bases plan periods on the periods of the fiscal schedule.

For virtual plan hierarchies, your child plan structures must be the same or a subset of the parent.

5. As you complete the Structured Dimensions tab, consider:

Option	Description
Account Set	<p>Your selection must match the account set for:</p> <ul style="list-style-type: none"> • The companies you plan by, as set on the Edit Company Accounting Details task. • The company hierarchies you plan by, as set on the Edit Consolidation Details task.

Option	Description
Organizing Dimension Type	<p>Requires that you enter a plan for 1 dimension value at a time per plan, and per period. This entry method streamlines review and approval.</p> <p>Example: You want to view plan balances by the region dimension only on the Current Plan report. Leave Organizing Dimension Type blank to make all dimensions applicable to plans available during plan entry.</p>
Book	<p>Once you select a book on the plan structure, you can't remove it from the Maintain Books task.</p> <p>If you enable budgetary control, Workday filters the budget check based on the book code associated with the book you select.</p> <p>You don't need to match the books for virtual parent and child plan structures.</p> <p>To filter by book on custom reports, you must use the Journal Lines for Financial Reporting report data source.</p> <p>Workday doesn't support budgetary roll forward or close for plans that use a book.</p>
Must Be Empty	<p>Select to require that a dimension must have an empty value for the transaction to be subject to the plan. This option enables you to define plans with and without that specific dimension.</p> <p>Example: You want a plan for transactions that impact certain cost centers, funds, and projects. You also want a plan that covers transactions for just fund and cost center. For the latter plan, you can specify that the project worktag must be empty on the transaction.</p>
Dimension	<p>Select the dimensions you want as available worktags when you create plans that use this structure. Match these dimensions to the accounts and dimensions on your financial plan in Adaptive Planning.</p> <p>Workday automatically selects <i>Company</i> as a required dimension. Workday adds the Company dimension to each line to group plan entry lines to streamline reporting when there are multiple companies.</p> <p>For virtual plan hierarchies, child plan structures must have the same dimensions as the parent. Children can have more but if they're required on the parent, then they're required on the children.</p>

Option	Description
	For multicurrency reporting, include the <i>Ledger Account</i> dimension. Workday translates currencies based on ledger accounts and ledger account summaries.
Required	<p>Select to require the dimension for entry on each plan line. If you select the dimension as the Organizing Dimension Type, you must require entry of the dimension.</p> <p>For virtual plan hierarchies, if dimensions are required on the parent plan structure, then they're required on the child plan structures.</p>
Primary Worktag	<p>This option applies only to the Maintain Budget task and budget amendments, not plan entry in Adaptive Planning.</p> <p>Select to display the worktag in its own column rather than as additional worktags on the plan lines. When you maintain or amend your published plan:</p> <ul style="list-style-type: none"> Workday displays primary worktag columns in the order that you configure on your plan structure. Primary worktag columns enable you to enter line information faster. <p>Because <i>Company</i> and <i>Ledger Account</i> are required dimensions that display automatically, you can't select them as primary.</p> <p>You can designate up to 10 worktags as primary worktags for each plan structure.</p>
Top Level Hierarchy	<p>Since dimension members can be part of multiple hierarchies, determine the uppermost hierarchy and select it as the top-level hierarchy.</p> <p>To plan and report by company hierarchies, select a top-level hierarchy for the <i>Company</i> structured dimension.</p>
Hierarchy Level	<p>If you select a top-level hierarchy, select a hierarchy level on this prompt. This configuration enables you to include or exclude dimensions as worktags when you create or amend plans made from this structure.</p>
Members to Include/Exclude	<p>You must select Include All Members for each of the dimensions you plan by so that you can publish. This option enables you to display all members of the dimension and top-level hierarchy (if applicable) as available worktags during entry and for updates of plan details.</p>

Result

You can now create a plan template for your company based on this structure. Workday makes your Adaptive Planning plans available to your downstream users using plan templates. Once you create plan templates based on the structure, you can only revise the structure definition in these ways:

- Rename the structure.
- Add additional optional structured dimensions to the structure.
- Exclude structured dimensions as long as no plan lines exist with those dimensions.
- Select the Primary Worktag check box on a structured dimension.
- Select or clear the Use Amendments/Approvals check box even if you already published your plan.

When you select the Use Amendments/Approvals check box on a plan structure with plan lines:

- Workday automatically moves published plans from *Available* status to *Draft* status. You must move plans back to *Available* status to use the budget check functionality.
- Workday changes the transaction budget check status to *Fail (No Budget)* on submitted transactions for plans with budget check enabled.

You can only clear the Use Amendments/Approvals check box on a plan structure with plan lines if all of the published plans are in *Draft* status. Workday moves these plans to *Available* status.

Next Steps

Create a plan template based on your plan structure.

To create a virtual plan hierarchy, create and link your child plan structures to your parent plan structure before you create your plan templates.

To compare structures, access the Plan Structures report.

[Related Information](#)

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

[Link Virtual Child Plan Structures](#)

Create Financial Plan Templates for Adaptive Planning

Prerequisites

- Define a plan structure that matches the fiscal schedule and account set for the companies.
- To create a virtual plan hierarchy, create and link your child plan structures to your parent plan structure before you create your plan templates.
- Define a plan entry type for the *Financial* plan type.
- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area.

Context

Create your plan template with the same organizations and date frame that you use on the plan you want to publish from Workday Adaptive Planning. When you publish your plan from Adaptive Planning, we make the plan available in Workday on a plan template.

After you define the plan structure, you create a template to specify the configuration for your plan. On the template, you configure these options for use on your plan:

- Organizations.
- Time periods.

You can create many templates from a single structure to maximize efficiency as you build plans:

- Across companies.
- From year to year.

For virtual plan hierarchies, create child plan templates before you create your parent template. When you create your parent template, you can select multiple child templates in the Linked Virtual Children Budgets prompt.

Steps

1. Access the Create Plan Template task.
2. As you complete the task, consider:

Option	Description
Plan Structure	When creating child plans, only top-level parent plan structures are available for selection.
Company	For multicomppany financial plan structures, select the related companies that are available for this plan and plan lines. If you don't use an account set on the structure, Workday validates that the companies and companies hierarchies use the same account set.
Plan Name	(Optional) Enter a unique plan name. For parent and child plans, the name you enter automatically populates any linked children. You can change these names using the Edit Plan Structure Hierarchy Name task.
Plan Group	Displays only for parent and child plans when you enter a plan or budget name. Workday uses that name and appends Budget Group to it for the plan group name, which you can change here or using the Edit Budget Group Name task. The plan group groups together all linked members of the plan family -- the parent, child, and associated grandchild plans. Use the Plan Group report to see and compare all plans in a hierarchy, including the base, cost, and revenue plans for 1 company.
Default Entry Type	Identifies the entry type for original plan lines for the template.
Default Reporting Currency	For multicurrency financial plans, select a default currency to use on reports. The default currency is usually the company base currency. Workday uses the standard conversion rate defined for the currency rate type to convert the different currencies to the specified default currency.

Option	Description
Enable Multicurrency	Don't select this check box. The currency conversion from your Adaptive Planning level to your Workday company is handled by the Publishing Currency field on your level.
Currency Rate Type for Budget	<p>To convert amounts from child level plans to virtual parent level plans with company hierarchies, Workday uses:</p> <ul style="list-style-type: none"> The currency rate type that you select on these prompts. The default reporting currency on the consolidation details of your company hierarchy. The accounting date on your journal lines for spend conversions.
Currency Rate Type for Budget Spend	<p>To convert company-level spend transactions to company hierarchy currencies on plan lines, Workday uses:</p> <ul style="list-style-type: none"> The currency rate type that you select on these prompts. The default reporting currency on the consolidation details of your company hierarchy. The accounting date on your journal lines for spend conversions.
Enable for Allocations	<p>(Optional) Select to enable the plan as a source or target when creating allocations.</p> <p>Include only 1 template in allocations for each unique combination of company, plan structure, and fiscal year. To enable allocations for a new template using the same combination of company, plan structure, and fiscal year, access the Edit Plan Template task and clear Enable for Allocations.</p> <p>Workday disables this option for plan templates with these configurations:</p> <ul style="list-style-type: none"> Company hierarchies Multicompany Multicurrency True Child True Parent
Default Balanced Amendment	<p>(Optional) Select this check box to automatically select Balanced Amendment on all amendments created for this plan.</p> <p>You can change this setting when you create or edit amendments if you have access to the <i>Create Unrestricted Budget Amendment (Segmented)</i> domain.</p>

Option	Description
Validate Expense Account Amendments	<p>(Optional) Select how you want to validate expense account amendments when the amounts are less than current spend. You can leave this prompt empty.</p> <p>Workday only displays this prompt if you select Use Contextual Amendments on your plan structure.</p> <p>You can change this setting on the Edit Plan Template task. Workday only validates budget amendments that you create or edit while you have a critical or warning validation configured.</p>
From To	To define the duration, select the start and end periods. Match the date range of the Adaptive Planning version you want to publish.

Result

Workday creates and displays the plan duration and periods based on the organizations, plan structure, and From and To periods.

You can select the Inactive check box on the Edit Plan Template task to deactivate headcount plans.

Next Steps

On Adaptive Planning, publish your plan version to this plan template.

You can edit your plan templates on the Edit Plan Template task after you publish plans to correct errors or accommodate unplanned events.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Publish Financial Plans from Adaptive Planning

Prerequisites

In Adaptive Planning

Give the publishing user in Adaptive Planning the Publish Financial Plan into Workday permission.

Configure the Workday Data Source.

[Set Up Workday External Systems for Adaptive Planning on page 100](#). When you configure the Workday External System, indicate:

- Import Overrides for Workday Ledger accounts that import to Adaptive Planning subaccounts.
- Needed Export Overrides for Adaptive Planning accounts, levels, and dimensions that publish to Workday.
- Account Rollups for Adaptive Planning subaccounts that publish to a Workday Ledger Account.
- Ignore Overrides to prevent specific Adaptive Planning accounts and levels from publishing.

Set the Level Publish Currency for the levels you publish so that currencies convert to the correct Workday Company Base currency.

Note: Currency values with more than 2 digits of precision in Workday Adaptive Planning round up when publishing to Workday Financials. Any values of 0.05 or greater round up to 0.10.

In Workday

Configure the Plan Structures and Plan Templates for Adaptive Planning.

- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area.
 - Give the user-based security group for Adaptive Plan publishers View and Modify access for Report/Task Permissions.
 - Give the user-based security group for Adaptive Plan publishers Get and Put access for Integration Permissions.

For enhanced publishing, enhanced error messages, and the ability to cancel in-progress publishes, edit the Publish Plans API client to add Scope (Functional Areas): *Tenant Non-configurable*.

Context

Publishing a financial plan enables you to

- Preview drafted budgets in Workday.
- Generate management reporting.
- Execute budgetary control.

Publishing a plan minimizes the need to manually synchronize data between Adaptive Planning and Workday. You can also create import and export mapping to match values across planning and financial hierarchies.

Steps

1. Select Publish Plan from the main menu of Adaptive Planning.
2. As you configure the Financial Plan, consider:

Option	Description
Publish Type	Select Financial.
Version	Determines the Adaptive Planning version to publish from. Only planning versions with the Publishing Access setting Financial Plans display in this list.
Publish by Period Range	(Optional) Select only the contiguous periods you want to publish from a version. <ul style="list-style-type: none"> • From Period: The starting period for your period range. • To Period: The ending period for your period range.
Plan	Select the draft template in Workday you want to publish the financial plan into for downstream accounting users. You can't see or select plans spanning more than 5 years. To publish more than 5 years at once, you can use a linked virtual parent/child plan structure that combines to a plan larger than 5 years.

3. Click Publish.

4. (Optional) Click Refresh to check on publication status.

When you enable enhanced publishing, select a publish task to view the latest status and details. Click Refresh to update the task status and details.

5. (Optional) Click View Job Results for a list of links to the Workday Process Monitor for each period submitted in the plan.

When you enable enhanced publishing, we remove View Job Results and display the full details of a selected a publish. Status and error messages provide detailed information on the processing steps of the publish. You can determine where in Adaptive Planning issues occur by viewing Planning Context for the:

- Level
- Dimension
- Account

6. (Optional) When you enable enhanced publishing, you can click Cancel Publish to stop a running publish.

When you click Cancel Publish, none of the plan publishes into Workday. We strongly recommend you republish any canceled publishes to ensure the final state of your publication in Workday.

Result

The financial plan you publish populates the draft plan in Workday. If a warning message or error displays in the Details column, click the link to view it.

Next Steps

Review and update the draft in Workday as needed and submit it.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

[Link Virtual Child Plan Structures](#)

Schedule Publish Plans

Prerequisites

You need 1 of these:

- Adaptive Planning and Consolidation (AP&C)
- Adaptive Planning for Workday HCM.
- Adaptive Planning for Workday Financials.

In Workday

Verify that the registered API client ISU for the Workday Credential includes Scope (Functional Areas): *Adaptive Planning for Financial Plans*.

Configure the Plan Structures and Plan Templates for Adaptive Planning.

Security:

- You can either:
 - Grant access to the Financials plan type segment and add the Integration System Security Group (ISSG) to the segment-based security group: *Financial, Positions, and Award Plan Type Segment*.
 - Add the Business Process Security Policy Permissions *~Plan~ Event* and *Headcount ~Plan~ Event* to *Adaptive_Integration_Sys_Security_Group*:
- Add the Adaptive ISSG to the *Set Up: Plan Publishing* domain and assign the ISU user *Adaptive_Integration_System_User* to the security group *Adaptive Plan Publisher*.

In Adaptive Planning

Create a Workday Credential in Adaptive Planning that uses a JWT Bearer Token.

Security:

- *Integration Operator* permission.
- *Data Designer* permission.
- *Publish Financial Plan into Workday* permission.

Context

You can create a publish plan integration task in Adaptive Planning to automate the publish of Financial plans to Workday on a schedule. The publish plan task runs with the security of the ISU associated with the Workday Credential.

Steps

1. Select Integration > Design Integrations from the main menu in Adaptive Planning.
2. Select Create New Integration Task.
3. Select Publish Plan Task.
4. As you complete the publish plan task, consider:

Option	Description
Log Level:	Select how much detail that you want to include in any logs: <ul style="list-style-type: none"> • Error: Only errors. • Info: Only basic information. Example: Log when the task runs. • Verbose: Detailed information about all phases and actions.
Plan Version:	The Adaptive Planning version for the plan.
Credential:	The Workday data source credential for the Workday tenant you want to publish to.
Plan:	The draft template in Workday that you want to populate with the published plan for downstream accounting users.
Publish as user:	The user within Adaptive Planning who publishes the plan. This name displays in the publish history row of the Publish Plans page.
Schedule Settings	Drag and drop a schedule from the Schedules section in Data Components: <ul style="list-style-type: none"> • Daily • Hourly

Option	Description
	<ul style="list-style-type: none"> • Monthly • Weekly <p>Select a Time and Time Zone.</p>

5. (Optional) You can select Run manually to publish immediately. Run manually runs the task with your security, not the security of the ISU for the Workday Credential.

Result

The schedule settings indicate the next scheduled run and publishing user. Once the publish begins, you can also view the status in the Publish Plans page.

Next Steps

Verify the publish in the Publish Plans page.

Related Information

Tasks

[Create Integration Tasks](#)

Steps: [Create Workday Credentials in Adaptive Planning](#) on page 46

Reference: Publish Financial Plan Error Codes

Note: You must contact your Named Support Contact or Professional Services/Implementer to enable this feature.

Error messages generated during financial plan publishes to Workday Financials include error codes. Individual codes can have more than 1 resolution depending on the validation message.

- [A314](#)
- [A956](#)
- [A2096](#)
- [A2097](#)
- [A2098](#)
- Task submitted is not authorized

A314

Validation Messages	Resolution
You must remove inactive worktags from ~plan~ lines or allow inactive ~plan~ lines on the ~plan~ structure. These worktags are inactive: [inactive worktags].	Remove the inactive worktags from the lines or allow inactive lines on the plan structure. You can publish inactive worktag values when you need to publish historical data.

A956

Validation Messages	Resolution
This ~plan~ has duplicates for [number] [plan line(s)]: [budget]. Either change the dimensions to make the ~plan~ lines unique or delete the duplicates.	<ol style="list-style-type: none"> 1. Review and amend the mapping for ID in Adaptive Planning Design Integrations. Multiple dimension values may be mapped to the same Workday ID. 2. Worktag type precedence may be causing the duplicate values on the Plan Lines.

Validation Messages	Resolution
	3. Make all dimension values that are in the publish available on the specific plan version. Dimension values may be unavailable on the plan version but inserted on the actuals version.

A2096

Validation Messages	Resolution
These book codes aren't valid: [book codes]. Either add it to the ~plan~ structure or change the entered book codes.	Add required book codes to the plan structure and publish again.
You can't specify Book Code because it's not a structured dimension on the ~plan~ structure.	Add required book codes to the plan structure and publish again.
Only enter ledger accounts that are included in the plan structure's ledger account types and ledger accounts. Remove or replace these ledger accounts: [accounts]	Remove accounts that aren't part of the plan structure's ledger account types and ledger accounts and publish again.

A2097

Validation Messages	Resolution
You can only use Import Budget in Time Series for ~plans~ that are standalone or at a child level. You can't import any ~plans~ on this virtual parent ~plan~ structure: [plan structure].	Don't select a virtual parent budget to publish to.
You can only maintain active ~plans~. This ~plan~ is inactive: [budget].	Activate the plan being published to, or create a new plan.
You can't import plan lines to the plan when the current plan publish is already canceled or has errors.	Start a new publishing job and try again. The publishing job was cancelled or errored out.
The ~plan~ selected for plan publish is not in draft status: [budget].	Create a new plan to publish to.
Only 1 Plan Publish can occur at a time. Wait until the current Plan Publish finishes before doing another.	Try publishing at another time.
The provided publish callback URL isn't a valid HTTP.	Consult Customer Support if this error persists to ensure publishing is correctly configured.
Only 1 Plan Publish can occur at a time. Wait until the current Plan Publish finishes before doing another.	Try publishing at another time.
You can cancel the plan publish only when the status is Pending or In Progress.	Try publishing at another time.

A2098

Validation Messages	Resolution
You must remove invalid worktags from ~plan~ lines. These worktags are invalid for the ~plan structure~: [invalid worktags].	<ol style="list-style-type: none"> Run the report <i>Maintain Custom Validations</i>. Select Budget Line. Verify that any custom validations display.
Provide valid cost centers for these companies and company hierarchies: [companies or company hierarchies]. These cost centers aren't valid: [cost centers].	<ol style="list-style-type: none"> Run the report <i>Maintain Custom Validations</i>. Select Budget Line. Verify that any custom validations display.
Enter ledger accounts that are valid for the account sets of these companies and company hierarchies: [companies and company hierarchies]. These ledger accounts are invalid: [ledger accounts].	<p>Verify the <i>Account Set</i> to ensure <i>Ledger Accounts</i> are valid.</p> <p>Verify the <i>Account Posting Rules</i> to ensure <i>Revenue/Spend Category</i> are allowed for the <i>Ledger Accounts</i> specified.</p>
Provide valid suppliers for these companies and company hierarchies: [companies and company hierarchies]. These suppliers aren't valid: [suppliers].	<ol style="list-style-type: none"> Run the report <i>Maintain Custom Validations</i>. Select Budget Line. Verify that any custom validations display.
You can't have ~contingent worker~ and ~employee~ worktags on the same ~plan~ line. Remove or edit any ~plan~ lines with more than 1 of these worktags: [invalid work dim].	Remove one of the worktags. Financial plans with both of these worktags on the same line can't publish.
More than 1 budget entry line is missing a book code.	Change the plan structure to modify the book code dimension as an optional dimension or add required book codes to the plan structure and publish again.
Provide valid customers for these companies and company hierarchies: [companies or company hierarchies]. These customers aren't valid: [customers].	<ol style="list-style-type: none"> Run the report <i>Maintain Custom Validations</i>. Select Budget Line. Verify that any custom validations display.

Task submitted is not authorized

Validation Messages	Resolution
The task submitted is not authorized. Verify the security setup. Verify that the security groups in Set Up: Plan Publishing have Put security permissions.	Add Put security permissions for the security groups in Set Up: Plan Publishing.

FAQ: Publish Financial Plans

Do we publish accounts, or does publishing only look at leaf levels?

Only leaf levels publish. All child accounts must map to publish the parent.

My company only has allocations involving Plan data, what is the method to push this data back to Workday with Publish Plan?

Only ledger accounts publish. The publish doesn't handle allocations or consolidations. Only the end

What are the timeout limits for publishing plans?

values in the ledger accounts across version and dimensionality publish.

- 6 hours for data export from Adaptive Planning.
- 90 minutes on Plan submission to Workday Financials.

If I create an Ignore On Export rule for a parent level, will it also ignore all of the child levels that roll up to the parent?

Yes. This behavior is by design.

Why am I getting an error message during the Import Budget process that asks me to add missing worktags to the plan?

You can get this error if a WID is incorrectly assigned in Adaptive Planning. Most likely, a dimension value in Adaptive Planning is mistakenly assigned to an entirely different dimension in Workday Financials.

What will happen if I publish multiple plans to the same plan template? Will it duplicate?

Example: A cost center in Adaptive Planning maps to a location WID instead of a cost center WID in Adaptive Planning integration.

Is it possible to delete a plan structure?

No. When you publish plans, they should overwrite every time, even in the case of multiple plans.

Is there a way to override a Planning dimension value so that it publishes blank?

No. Instead, make the plan structure inactive. To maintain plan structure auditability, they can't be deleted.

Why am I getting an error message that indicates a specific account mapping isn't valid, requiring me to map the account to a valid value?

You can get error messages like this about account mappings when:

1. The account loader in Adaptive Planning Design Integrations makes its initial run, but hasn't created the account mapping yet. The loader must run twice. The first run creates accounts. The second run creates account mapping.
2. The Workday report selected for the account loader filters out the account the error message indicates is missing.
3. The Workday data source in Adaptive Planning filters out the account.

Try these workarounds:

1. Within Adaptive Planning Design Integrations, try running the account loader again.
2. If the error continues, download member mappings from the account loader to verify the account exists in the mappings.
3. If the account isn't in the downloaded member mappings file, manually add it to the file and upload the mappings back into the account loader.
4. If the Workday report filters out this account, remove the filter in the Workday report.
5. If the Workday data source in Adaptive Planning Design Integrations filters out this account, remove the filter.

Related Information

Concepts

[Concept: Load Metadata into Adaptive Planning on page 86](#)

[Setup Considerations: Adaptive Planning for HCM and Financials on page 5](#)

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

Troubleshooting: Financial Plan Can't Publish

This topic provides strategies for diagnosing and resolving problems when publishing Financial plans from Workday Adaptive Planning into Workday Financials.

Errors Prevent Publishing

Publishing configuration issues can generate error messages when publishing Financial Plans. You can use the information here to help resolve publishing issues.

Cause	Solution
There were no Planning accounts found to export.	<p><i>Security: Set Up: Plan Publishing</i> in the Adaptive Planning for Financial Plans functional area.</p> <ol style="list-style-type: none"> 1. Access the Edit Plan Structure task. 2. Select Structured Dimension. 3. Include at least 1 Account type in the Account Type field. 4. Verify that the Workday External System in Adaptive Planning maps the correct Planning Account Types to the Workday Account Types configured in the plan structure.
The format of exported data read from Planning causes an error because incorrect formulas in the data export from Adaptive Planning.	In Adaptive Planning, run formula validation on the version you need to publish and correct any formula errors.
An HTTP request exception occurs.	<p>Verify the User Sync configuration and the tenant setup.</p> <ol style="list-style-type: none"> 1. Complete User Sync. 2. Configure the Tenant Setup.

Cause	Solution
	<p>3. Add the publishing user to your Adaptive Plan Publisher security group and enable permissions for:</p> <ul style="list-style-type: none"> • Business Process: <i>Plan Event on Import Budget</i> (WS Background Process). • Securable Integrations Get and Put access. <p>4. Verify the Publishing feature flags enabled in Adaptive Planning.</p> <p>5. Clear additional spaces or invalid characters from the UI URL and the REST URL for the tenant set up in Adaptive Planning.</p>
There are missing worktag values for required worktag types.	<p>Security: <i>Set Up: Plan Publishing</i> in the Adaptive Planning for Financial Plans functional area.</p> <ol style="list-style-type: none"> 1. Access the Edit Plan Structure task 2. Configure dimensions as optional except for Company, Ledger Account, or any other dimensions in the Level.
An Invalid Cast Exception occurs preparing the account mapping values.	<p>Verify metadata and data mapping profiles correctly map in Adaptive Planning integration loaders. Remove any invalid or unused profiles.</p>
Duplicate mapping profiles exist.	<p>Security: <i>Integration Designer</i> permission in Adaptive Planning.</p> <ol style="list-style-type: none"> 1. Remove test or unused Planning Dimension Loaders in Adaptive Planning. 2. Review metadata and data mapping profiles in Adaptive Planning. Account and Dimension type mapping both require configuration.
No Planning accounts found in the export.	<p>Security:</p> <ul style="list-style-type: none"> • <i>Set Up: Plan Publishing</i> in the Adaptive Planning for Financial Plans functional area. • <i>Integration Designer</i> permission in Adaptive Planning. <ol style="list-style-type: none"> 1. Access the Edit Plan Structure task. 2. Examine the account set to verify the accounts that you need. 3. In Adaptive Planning integration, verify the account mappings in the Workday External System.
A Workday Client Exception occurs.	<p>Security:</p> <ul style="list-style-type: none"> • <i>Set Up Tenant Setup - Security</i> domain in the System functional area. • <i>Security Administration</i> domain in the System functional area.

Cause	Solution
	<ul style="list-style-type: none"> • <i>Data Designer and Integration Operator</i> permissions in Adaptive Planning. <ol style="list-style-type: none"> 1. Access the Edit API Clients task. 2. Ensure that Scope (Functional Areas) includes System. 3. In Adaptive Planning, ensure that the UI and Rest URL are accurate for the Workday Credential. 4. In Adaptive Planning, select Test Connection for the Workday Credential.
A processing error occurs because the submitted task didn't authorize.	<p>Security:</p> <ul style="list-style-type: none"> • <i>Set Up Tenant Setup - Security</i> domain in the System functional area. • <i>Security Administration</i> domain in the System functional area. • <i>Data Designer and Integration Operator</i> permissions in Adaptive Planning. <ol style="list-style-type: none"> 1. Access the Maintain API Client task. 2. Locate the API client in the list. 3. Verify that Client Grant Type uses JWT Bearer Grant . Some older integrations use Authorization Code Grant which dictate access based on the user who authorized the grant. <p>Verify the publishing user:</p> <ul style="list-style-type: none"> • Can create Plan structures and templates. • Has security group access to Business Process: <i>Plan Event on Import Budget (WS Background Process)</i>.
Invalid IDs exist for a dimension.	<p>Security: <i>Data Designer and Integration Operator</i> permissions in Adaptive Planning.</p> <ol style="list-style-type: none"> 1. In Adaptive Planning, verify that the data loaders connected to the Workday External System. 2. Verify that mapped dimensions don't exist in concatenated mapping. 3. Run metadata sync manually to synchronize Workday WIDs for new dimensions, if possible.
A key not found exception occurs.	<p>Security: <i>Data Designer and Integration Operator</i> permissions in Adaptive Planning.</p> <p>Verify the mappings in the Workday External System. A dimension on the Workday Plan doesn't map to a Planning dimension in the Adaptive Planning Workday External System.</p>
An error occurs in date ranges between the Plan and the Adaptive Planning version.	Configure the date ranges for the Adaptive Planning version to match or contain the Plan data

Cause	Solution
	range. The Adaptive Planning version can use dates that come before the Plan start date. The Adaptive Planning version can't use dates that come after the Plan ends.
When publishing as a proxied user, non-proxied users encounter a temporarily stalled error.	Security: <i>Set Up: Plan Publishing</i> in the Adaptive Planning for Financial Plans functional area. Verify that non-proxied users viewing the publish plans page have Get permissions.
An error occurs indicating a ledger account is mapped to an invalid value and that I need to map the account to a different value.	Security: <i>Data Designer and Integration Operator</i> permissions in Adaptive Planning. <ol style="list-style-type: none"> 1. Within Adaptive Planning Design Integrations, try running the account loader again. 2. If the error continues, download member mappings from the account loader to verify the account exists in the mappings. 3. If the account isn't in the downloaded member mappings file, manually add it to the file and upload the mappings back into the account loader. 4. If the Workday report filters out this account, remove the filter in the Workday report. 5. If the Workday data source in Adaptive Planning Design Integrations filters out this account, remove the filter.

Related Information

Concepts

[Concept: Load Metadata into Adaptive Planning on page 86](#)

[Setup Considerations: Adaptive Planning for HCM and Financials on page 5](#)

Reference

[Reference: Reports for Importing Data and Metadata into Adaptive Planning on page 94](#)

Publish Headcount Plans from Adaptive Planning

Steps: Publish Headcount Plans from Adaptive Planning

Prerequisites

- Sync the user profiles of all users involved in the publishing process.
- Configure the Workday data source and load your ledger account and dimension metadata.
- Enable users to publish plans on the Tenant Setup report.
- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

Context

Publish headcount plan versions from Workday Adaptive Planning to Workday HCM so that you can:

- Preview plans in Workday.

- Generate management reporting.

Workday uses plan structures and plan templates to make Adaptive Planning plans available in Workday. You can create your plan structure and plan template before or after you create and approve your Adaptive Planning plan.

Steps

1. Access the Maintain Entry Types task.

Define a plan entry type for the *Headcount* plan type to identify the plan lines for this plan type. You associate an entry type with a plan structure when you create a plan template.

Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

2. [Configure Security for Publish Headcount Plans](#) on page 172
3. [Create Headcount Plan Structures for Adaptive Planning](#) on page 173.
4. [Create Headcount Plan Templates for Adaptive Planning](#) on page 175.
5. [Publish Headcount Plans from Adaptive Planning](#) on page 177.

Result

You can use the Find Plan report to find plans that you published.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning](#) on page 150

Tasks

[Enable Features After User Sync](#) on page 40

[Steps: Configure Adaptive Planning for HCM and Financials](#) on page 16

Configure Security for Publish Headcount Plans

Prerequisites

Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

Context

To publish headcount plans from Adaptive Planning, publishing users require specific security in Workday HCM.

Steps

1. Navigate to *Headcount Plan Event* business process policy in Workday.
You can search for *bp: Headcount Plan Event*.
2. From the related actions menu of the *Headcount Plan Event* business process, select Business Process Policy > Edit.
3. In the initiating action Import Headcount Plan (WS Background Process), add the security group for your plan publishers.
4. [Activate Pending Security Policy Changes](#).

Next Steps

Configure the plan structures and plan templates for Adaptive Planning.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Create Headcount Plan Structures for Adaptive Planning

Prerequisites

- Configure the Workday Data Source and load your ledger account and dimension metadata.
- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

Context

Plan structures are the foundation for your Workday Adaptive Planning plans in Workday. The structures determine:

- The type of plan.
- The fiscal schedule and periods on which to build the periods and duration.
- The ledger accounts and dimensions available to include when defining plans.
- Whether plans require approval, and other key attributes.

Once you create a plan structure with the same accounts and dimensions that you use on your Adaptive Planning headcount plan, you can create a plan template and then publish to the plan template.

You can use the same structure for multiple companies.

Steps

- Access the Create Plan Structure or Edit Plan Structure task.
- Select *Headcount* as the Plan Type.
- As you complete the task, consider:

Option	Description
Use Amendments/Approval	<p>Workday automatically selects this check box. When you publish your plan, we make the plan available to you in <i>Draft</i> status so that you can verify your plan before you submit it for approval.</p> <p>With this check box selected, you require approval for new plans.</p>
Allow Negative Headcount Value	<p>(Optional) Enables users to use negative headcount or cost and FTE targets.</p> <p>Example: You might want to represent losses due to attrition for a dedicated organization in a hierarchy.</p> <p>You can set this option at any time during the planning process. Once selected, you can clear it only if no lines exist on the headcount plans that use this structure.</p>

- On the Schedule tab, select *Period* on the Plan Entry By prompt.

When you plan by period, Workday bases plan periods on the periods of the fiscal schedule.

- As you complete the Structured Dimensions tab, consider:

Option	Description
Organizing Dimension Type	<p>Requires that you enter a plan for 1 dimension value at a time per plan, and per period. This entry method streamlines review and approval.</p> <p>Example: You want to view plan balances by the region dimension only on the Current Plan report.</p>
Disable Related Worktags in Worksheets	<p>(Optional) Disable worktag type precedences for all associated plan workbooks that use this plan structure. Disabling the related worktags avoids duplicate plan lines for optional dimensions that use related worktags.</p>
Dimension	<p>Select the dimensions you want as available worktags when you create plans that use this structure. Match these dimensions to the accounts and dimensions on your headcount plan in Adaptive Planning.</p> <p>To plan by project-related headcount, select <i>Project</i> as a dimension. Workday doesn't include project information in the baseline plan, but you can add it to the workbook for your plan.</p> <p>You can only add <i>Employee</i> as a dimension if you also add <i>Position</i> as a dimension. You can't add <i>Employee</i> as a required dimension.</p> <p>To plan by diversity in your workforce, select <i>Ethnicity</i> as a dimension.</p>
Required	<p>Select to require the dimension for entry on each plan line. If you select the dimension as the Organizing Dimension Type, you must require entry of the dimension.</p>
Members to Include/Exclude	<p>You must select Include All Members for each of the dimensions you plan by so that you can publish. This option enables you to display all members of the dimension and top-level hierarchy (if applicable) as available worktags during entry and for updates of plan details.</p>

- Select an Account Set if *Ledger Account* is a dimension on your plan structure.

An account set identifies the available ledger accounts that Workday can use when you create your headcount plan with cost of workforce and plan to actuals reporting.

Result

You can now create a plan template for your company based on this structure. Workday makes your Adaptive Planning plans available to your downstream users using plan templates. Once you create plan templates based on the structure, you can only revise the structure definition in these ways:

- Rename the structure.
- Add additional optional structured dimensions to the structure.
- Exclude structured dimensions as long as no plan lines exist with those dimensions.

Next Steps

Create a plan template based on your plan structure.

To compare structures, access the Plan Structures report.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Create Headcount Plan Templates for Adaptive Planning

Prerequisites

- Define a plan structure that matches the fiscal schedule and account set for the companies.
- Define a plan entry type for the *Headcount* plan type.
- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

Context

Create your plan template with the same organizations and date frame that you use on the plan you want to publish from Workday Adaptive Planning. When you publish your plan from Adaptive Planning, we make the plan available in Workday on a plan template.

After you define the plan structure, you create a template to specify the configuration for your plan. On the template, you configure these options for use on your plan:

- Organizations.
- Statistic type.
- Time periods.

You can create many templates from a single structure to maximize efficiency as you build plans:

- Across companies.
- From year to year.

Steps

1. Access the Create Plan Template task.
2. As you complete the task, consider:

Option	Description
Organizations As Of	<p>For your plan, this date drives what you can pick in your top plan hierarchy for the selected organizations. You can select the organizations that are effective based on the date you enter here. Workday populates the current day, but you can change this date.</p> <p>This option enables you to select a moment in time where organizations are different based</p>

Option	Description
	on future organizations that you added or removed from a plan structure.
Top Plan Hierarchy	Since dimension members can be part of multiple hierarchies, determine the uppermost hierarchy for your organizing dimension and select it as the top-level hierarchy. Doing so enables you to limit your plan to a lower-level hierarchy than the highest level organization available to you. The prompt displays only the allowed hierarchies for the organizing dimension and the date entered in the Organizations As Of field.
Organizations	You can limit your plan to specific organizations within the top plan hierarchy that you selected. Or you can select Include All Organizations such that all organizations within that hierarchy become plannable organizations. Options include: <ul style="list-style-type: none"> Any and all levels for supervisory organizations since it's a true hierarchy. All nodes on cost center hierarchies and custom organization hierarchies.
Roll Up Subordinate Headcount	Displays only if organizing dimension type on your headcount plan structure is <i>Supervisory Organization</i> and applies only to the lowest-level organization that has subordinate organizations in the hierarchy. You might have workers at all levels in the hierarchy for supervisory organizations. If so, select this option if you want to include all workers below the lowest organization in the headcount.
Statistic Type	You can select 1 or more statistic types: <ul style="list-style-type: none"> FTE Headcount
From To	To define the duration, select the start and end periods. Match the date range of the Adaptive Planning plan you want to publish.

Result

Workday creates and displays the plan duration and periods based on the organizations, plan structure, and From and To periods.

You can select the Inactive check box on the Edit Plan Template task to deactivate headcount plans.

Next Steps

On Adaptive Planning, publish your plan version to this plan template.

You can edit your plan templates on the Edit Plan Template task after you publish plans to correct errors or accommodate unplanned events.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Publish Headcount Plans from Adaptive Planning

Prerequisites

In Adaptive Planning

Give the publishing user in Adaptive Planning the Publish Headcount Action Plan into Workday permission.

Configure the Workday External System Settings by selecting Headcount and FTE custom accounts to publish from in Adaptive Planning. Select a Cost of Workforce custom account to publish Cost of Workforce values with your headcount plan.

In HCM

- Set up the *Headcount Plan Event* business process.
- Add the security group for plan publishers to the Initiating Action for *Import Headcount Plan (WS Background Process)*.

Configure the plan structures and plan templates for Adaptive Planning.

- Security: *Set Up: Plan Publishing* in the Adaptive Planning for Financial Plans functional area or Adaptive Planning for the Workforce functional area.

Context

Publishing headcount plans enables you to preview plans in HCM, generate management reporting, and support downstream actions, such as position creation. Publishing a headcount plan also minimizes the need to manually synchronize data between HCM and Adaptive Planning. You can include Headcount, FTE, and Cost of Workforce values when you publish to compare real-time information to your plan during planning. Cost of Workforce account data publishes in the Workday tenant currency regardless of the currency specified in the level of the Adaptive Planning sheet.

Steps

1. Navigate in Adaptive Planning to Publish Plan.
2. As you configure the Headcount Plan, consider:

Option	Description
Publish Type	Select Headcount.
Version	Determines the Adaptive Planning version to publish from. Only planning versions with the Publishing Access setting Headcount Plans display in this list.
Plan	Select the draft template in Workday you want to publish the headcount into for down-stream HCM users.

3. Click Publish.

4. (Optional) Click Refresh to check on publication status.
5. (Optional) Click View Job Results for a list of links to the Workday Process Monitor for each period submitted in the plan.

Result

The headcount plan you submit populates the draft plan in HCM. If a warning message or error displays in the Details column, click the link to view it.

Next Steps

Review and update the draft in HCM as needed and submit it.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Publish Workforce Planning Actions from Adaptive Planning

Steps: Publish Workforce Planning Actions from Adaptive Planning

Prerequisites

- Set up your Adaptive Planning instance with a Workday tenant.
- Sync the user profiles of all users involved in the publishing process.
- Configure the Workday data source and load your ledger account and dimension metadata into Adaptive Planning. Include supervisory positions that use the position management staffing model and configure Position as a dimension in Adaptive Planning.
- You plan using a level-assigned modeled sheet.
- If you use Timespan, ensure that each entry in each Period contains a value less than or equal to 100 positions or openings.
- Enable users to publish plans on the Tenant Setup report.

Context

Publish workforce planning actions from workforce plans in Workday Adaptive Planning to Workday Human Capital Management so that you can:

- Expedite the position or job requisition creation process by creating them directly in HCM from your modeled sheet.
- Send the positions or job requisitions to downstream workers in HCM so that they can fill out any missing required information. These workers can submit the open positions and job requisitions for creation.
- Generate management reporting.

Steps

1. [Publish Workforce Planning Actions from Adaptive Planning on page 179](#).

2. Review Workforce Planning Actions on page 181.

You only need to review workforce planning actions if you don't expedite when you publish your workforce plan. This task enables downstream workers in HCM to enter missing required information on your open positions and job requisitions before you create them.

Result

You can use the Publish History to find workforce planning actions that you published.

Next Steps

Run your data loader to update the original modeled sheet rows with the open positions and job requisitions that you created.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Reference

[2021R1 What's New Post: Workforce Planning Actions](#)

Publish Workforce Planning Actions from Adaptive Planning

Prerequisites

In Adaptive Planning

- Give the publishing user in Adaptive Planning these permissions:
 - *Publish Workforce Action Plan into Workday*
 - *Edit Dimension on Sheet*
 - *Import Capabilities*
 - *Model includes: sheets, accounts, dimensions, and formulas*
- If you use access rules, give the publishing user Edit access to all the accounts on the sheet.
- Configure the Workday Data Source for the PLN ALL Positions report to include Plan Version ID as a required prompt for a Version parameter at runtime.
- Configure the Planning Data Loader for your position modeled sheet with:
 - Publish Row ID for Import Key Column.
 - Your Position dimension for Import Secondary Column.
- Configure the Workday External System to map the Position and Position Status dimension in Workday HCM to equivalent Adaptive Planning dimensions.
- Configure versions to publish within Modeling > Model Management > Versions.
- Configure workforce planning action mappings for the position modeled sheet in Modeling > Model Management > Level Assigned Sheets by clicking Edit and selecting Map Fields for Publish. You must map all required fields including Worker Type to enable the Create Job Requisition workforce action. Map Worker Sub-Type to either Employee Type or Contingent Worker Type.

Note: The top-most or root node value of the dimension and level hierarchies in Adaptive Planning can't publish for a workforce planning action; they don't map to a WID. If you map Timespan, you can't use Publish Row ID as an import key in your Planning Data Loader.

- Align the publishing user's level access in Adaptive Planning to their supervisory organization access in HCM.

- Ensure you mapped your Dates appropriately for Create Job Req. Recruiting Start Date must be on or after the mapped Availability Date, or use the same mapping.

In HCM

- To create job requisitions when you publish, you must have a role directly on the supervisory organization.
- Set up the *Workforce Planning Action Event* business process in the Adaptive Planning for the Workforce functional area.
- Add the security group for plan publishers to the initiating action for *Import Workforce Planning Actions* (WS Background Process). Depending on which workforce planning action you use, add the plan publisher security group to either of these initiation actions:
 - *Create Position* initiating action on the *Create Position* business process.
 - *Create Job Requisition* initiating action on the *Job Requisition* business process.
- To route *Job Requisition* business events initiated by your publishes, add the security groups on the Route Create Job Requisition Events prompt on the Edit Tenant Setup - HCM task.
- Verify that the plan administrator can access everything in the plan that needs publishing.

Context

Publishing workforce planning actions into HCM enables you to:

- Load planned new position and job requisition information from Adaptive Planning.
- Review and modify the published data before submitting it for position or job requisition creation.
- Optionally expedite a Workforce Planning Action directly to HCM and skip downstream reviews.
- Reconcile newly created positions back into the Adaptive Planning modeled sheet.

Steps

1. Navigate in Adaptive Planning to the modeled sheet containing the workforce planning actions you want to publish.

Only level-assigned modeled sheets that display the Publish button in the toolbar can publish.

2. Click Display Options and filter the sheet to display only the rows you want to publish.

You must create at least 1 filter to publish.

3. Click Publish in the toolbar.

4. Select the workforce planning action you want to publish.

Create Job Requisition only supports:

- Expedite Workforce Action when publishing.
 - Supervisory Organizations using the Position Management staffing model.
5. Click Publish to send this workforce action into HCM for downstream reviews as a Workforce Action Event.
 6. (Optional) Select Expedite Workforce Action if you want to skip reviews in HCM.

You can define a rule condition in the HCM business process that detects the custom report field Workforce Planning Action Event. Your business logic can initiate these events without needing approval.

7. (Optional) Click View Publish History to navigate to the publish history to view publish status.

Click a cell in the Details column to view what published to HCM or check publish status.

Result

The workforce plan you submit populates the Workforce Planning Action Event task for further review. Expedited publishes directly create positions in HCM.

We recommend against switching your model between using timespan and not using timespan between publishes.

Next Steps

If you didn't select Expedite Workforce Action, access the Review Workforce Planning Actions task in HCM to review and update the published rows for further adjustments.

You can configure a notification to let reviewers know to access the Review Workforce Planning Actions task when a publish completes. Create Job Requisition doesn't support review when you publish.

Related Information

Concepts

[Concept: Publish Plans from Adaptive Planning on page 150](#)

Tasks

[Enable Features After User Sync on page 40](#)

[Steps: Configure Adaptive Planning for HCM and Financials on page 16](#)

Reference

[2021R1 What's New Post: Workforce Planning Actions](#)

Review Workforce Planning Actions

Prerequisites

- Publish using the *Create Position* workforce planning action from an approved modeled sheet in Adaptive Planning.
- For academic positions, enable educational institution features and tenure tracking in the Edit Tenant Setup - HCM task.
- Configure these business processes and security policies:
 - *Workforce Planning Action Event* in the Adaptive Planning for the Workforce functional area.
 - *Create Position* in the Staffing functional area.

You must have access to the *Create Position* initiating action on this business process.

If you use commitment accounting, include these subprocesses:

- *Assign Pay Group for Position Restriction*
- *Request Default Compensation for Position Event*
- Security: *Process: Workforce Action Plan* in the Adaptive Planning for the Workforce functional area.

Context

Your planners planned for open positions at a high level of detail. These planners want you to enter additional required information before your organization creates the open positions. As a hiring manager or HR business partner, you enter that additional information and you can create many positions at once. You can configure a condition rule on the *Create Position* business process so that Workday automatically approves open positions that you originally planned for in Adaptive Planning. Workday automatically updates the original modeled sheets with links back to the created positions.

Steps

1. Access the Review Workforce Planning Actions task.
2. Enter or change information about the open positions you want to create.
3. Select open position lines and submit them.

Result

Workday creates positions for each line that's submitted and approved.

Next Steps

Run your data loader to update the original modeled sheet rows with the open positions that you created.

[Related Information](#)

[Reference](#)

[2021R1 What's New Post: Workforce Planning Actions](#)

Glossary

Full Glossary of Terms

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

[Was this helpful?](#)

A

Academic Date Range

The period of time associated with a student recruiting cycle.

Academic Level

The level of an educational objective that a student can pursue at an institution, such as:

- Undergraduate, Graduate, or Professional at a university.
- Associates or Baccalaureate at a community college.

Academic Unit

A Workday organization type that represents a school, college, university, or other unit of your institution. These units can recruit prospective students, admit students, offer programs of study or courses, or administer financial aid. Academic units are also used with academic appointments in Workday.

Academic Unit Hierarchy

A hierarchical grouping of academic units primarily used for roll-up reporting.

Accounting Cash

A group of cash ledger accounts that you can use to check cash balances against during settlement.

Accounting Cash Pool

One or more primary balancing worktag hierarchies that you can use to pool cash ledger balances for cash balance checks during settlement.

Active Candidate

A person with an application for a specific job requisition. Candidates must be linked to a job requisition for Workday to initiate a job application event.

All Ledgers Journal	An accounting journal that's not configured as a single ledger for the given company and is posted to both primary and alternate ledgers.
Applicant Pool	A subset of applications in an application grouping. Applicant pools enable you to control and adjust workload for application reviewers.
Application Grouping	A grouping of applications for the same admitting level of an academic unit and the same anticipated start date. Groupings can have 1 or more application pools, with an admissions counselor assigned to each pool.
Auto-fill	A time entry option that copies time blocks from a worker's schedule or from a previous week when entering time.
Award	A contract agreement with your sponsor in the form of funding to perform an activity for a public purpose. It defines how to capture direct and facilities and administration costs, recognize revenue, and bill your sponsor.
Award Costs Processing (ACP)	Processing facilities and administration costs and revenue recognition related to spend transactions on awards.
Award Credits	Percentage of award or award lines you allocate to specific worktags for reporting purposes.
Award Line	A line of authorized amount associated with a grant on an award. It includes information on the line's effective date, spend restrictions, basis limit, salary cap, and facilities and administration cost rates for expenditures charged to the grant.
Award Tasks	Administrative tasks that you do or track for a sponsor to support the terms of your award contract. Example: Quarterly progress report, financial report.
Aggregation Security Group	A security group that grants access rights to members of an included set of security groups. Revokes access of members of any excluded security groups.
Approve	An action in a business process that designated participants select to progress the event to the next step.
Assignable Roles	Positions you can assign to organization roles.
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B	
Basis Limit	The maximum amount of direct costs you can use to calculate facilities and administration costs.

Base Pay Element	The compensation components that are included in the calculation of base pay for the purposes of determining the compa-ratio and target penetration.
Benefit Credit Bundle	A defined group of benefit credits that you can award together.
Benefit Defaulting Rule	A rule that identifies the benefit plans, coverage targets, and coverage amounts that employees receive by default when they do not complete an enrollment event.
Benefit Event Rules	These rules specify coverage increase limits, EOI requirements, waiting periods, and other rules and conditions of enrollment for benefits enrollment events.
Benefit Event Type	Identifies the events that trigger benefit enrollment, such as open enrollment, new hires, or the birth of a child. It also identifies the coverage types to make available to employees for when an event of this type occurs.
Benefit Group	A group of employees who qualify for benefits based on eligibility rules. Employees must be included in a benefit group to enroll in a benefit plan.
Business Object	Objects used to store data in Workday (such as organizations or workers). A business object has <i>fields</i> and <i>instances</i> , which are analogous to rows and columns in a spreadsheet. Workday links related business objects: a worker is associated with a position, the position to a job profile, and so on.
Business Process Definition	The tasks that compose a business process, the order in which they must be done, and who can do them.
Business Process Instance	A business process that the initiator has started. The <i>Hire Employee for Organization X</i> business process definition becomes an instance when the initiator uses it to hire an employee.
Business Process Security Policy	A business process security policy secures the steps and process-wide actions including view, rescind, cancel and correct. It specifies which security groups have access to each action.

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C

Calculated Time	Result of applying time calculations to a worker's reported time. Automates application of company or regulatory rules.
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Calendar-Based Time Entry	A time entry method that uses the time entry calendar as the focal point for entering, editing, and submitting time.
Cancel (business process)	Canceling a business process stops the workflow in progress and reverses changes made to data. You can't cancel a completed business process; you must rescind it. A securable action in a business process security policy.
Candidate	Candidates include both prospects and active candidates.
Candidate Pipeline	All active candidates.
Candidate Pool	Candidates grouped together based on specific criteria.
Cascading Leave	A sequence of related leave types that are linked together. When an employee meets the conditions defined for ending a leave, Workday generates a return from leave request and a separate request for the next leave.
Company	Companies are organizations within Workday that represent the internal business entities within your enterprise. In Workday Financial Management, companies are the primary organization for all business processes. A Company is considered the level at which one holds a balanced set of books and should reflect Legal Entities where possible.
Company Hierarchy	Defines a parent-child or reporting relationship between Companies in your organizations. The way that you structure your hierarchies influences many important Workday functions, especially role assignments, planning, and reporting.
Compensation Basis	A grouping of compensation components, such as salary, commission, and allowance plans, that define estimated earnings for an employee population.
Compensation Component	The umbrella term for compensation packages, grades, grade profiles, and plans that can be associated with compensation eligibility rules.
Compensation Defaulting Rule	A rule that establishes the criteria for how compensation components default to worker compensation during staffing transactions (such as hire or job change).
Compensation Element	Compensation elements link Compensation to Payroll. When a compensation element is attached to a plan that is assigned to an employee, Workday can determine which earnings to use to pay the employee.
Compensation Package	A grouping of compensation guidelines (grades, grade profiles, and their associated steps) and plans that you can assign to workers as a set.

Compensation Rule	Packages provide a quick view of the eligible plans for a particular job or group of employees.
Compensation Step	Guidelines for determining which workers are eligible for which components of compensation.
Compensation Target Rule	A specific monetary amount within a grade or grade profile.
Conditional Calculation	A rule used to segment your employee population for assignment of compensation plans.
Conditions	Time calculation that tags time blocks that meet certain conditions.
Connection Map	Conditions are one or more logical matches that are resolved to True or False and used to decide if some action should be taken. You can add conditions to steps in a business process to determine if the step should run.
Connector	A tool on a customer profile that enables you to establish and manage the relationships between business entities and ship-to addresses.
Consolidated Billing Schedule	A set of 1 or more integration templates that provide a framework for building integrations in a particular functional area. The integration can support a specific type of data, or can support a specific endpoint (example: Salesforce.com or Okta).
Contextual Custom Report	A billing schedule type that allows you to combine all charges for multiple projects or services within a specific billing period into one invoice.
Contract Rate Sheet	A custom report created from the related actions menu of a Workday object by selecting Reporting > Create Custom Report from Here. Simplifies choices of data and fields to those related to the context of the object.
Conversation Tag	A document that outlines the contract billing hourly rates for roles such as the engineer, manager, or consultant, with the option to add billing rules for specific contract considerations.
Conversation Topic	A descriptor, such as Dietary Restrictions or Special Needs that you can assign to an engagement conversation to identify its topic. You can search for conversations by conversation tag.
Correct (business process)	A conversation tag or recruiting event name that you can associate with an engagement conversation to make conversations easier to find.
Cost Reimbursable Spend	Correcting a business process changes a specification or data in the workflow while in progress. A securable action in a business process security policy.
	A billing item that Workday creates to help you bill your sponsor for award-related spending. The cost reimbursable spend amount includes both the

Coverage Target	original spend amount and any overhead costs Workday calculates based on your award costs configurations.
Cross Plan Dependency	Defines whether a specific health care plan or insurance plan applies only to the employee or also to the dependents, spouse, family, and so on.
	Limits the coverage options available to workers during an enrollment event based on their choice of other benefit plans and coverage amounts.
	Example: You can limit coverage in a specific plan to a percentage of the total coverage in 1 or more other benefit plans.
Custom Report	Reports not delivered by Workday and built using the Workday Report Writer. Can be created new or by copying another standard or custom report.
Customer Payment Matching	A feature that uses historical payment applications to suggest customer invoices and adjustments that match customer payments with insufficient remittance advice.
Customer Refund Payments in Settlement Runs	A refund payment generated by the settlement run with a payment date that reflects the date you settle the refund.

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D

Dashboard (landing pages)	A specialized landing page containing a set of pre-configured worklets for a functional area that you can copy or modify. You can add additional custom worklets to dashboards using the report writer.
Data Source	A data source defines a set of business object instances for reporting purposes. Allows reporting access to all business objects related to those in the data source.
Day Breaker	The time of day on which a worker's work day and work week begins. Defines the 24-hour period over which daily time calculations execute and the 168-hour period over which weekly time calculations execute. Unless otherwise specified, the default day breaker is 12am.
Deny (business process)	When you deny a business process, the business process is terminated and all Workday data is restored to its state before the business process started. To restart the business process, you need to submit the process again, and redo all previously completed steps.
Depreciation Profile	A configuration that determines how Workday depreciates assets by defining a depreciation method, convention, and useful life.

Designation	An attribute, such as Community Learning Partner, Honors, or STEM, that you can associate with educational institutions and external associations to make them easy to find and report on.
Discrete Composite Asset	A combination of related but distinct assets for which you can individually track cost, depreciation, and lifecycle events.
Disposition	Status of candidates that have been rejected for hire or declined a job during the job application event.
Domain	A collection of related securable items such as actions, reports, report data, report data sources, or custom report fields. Each domain is secured by a domain security policy.
Domain Security Policy	A collection of related securable elements of different types and user-specified security groups that have access to elements of each type.
Dynamic Period	A date that identifies the anticipated start date for a student of online education or other asynchronous learning.

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E

Educational Taxonomy	A taxonomy scheme and set of codes you can assign to programs of study and their concentrations to meet state, local, or other classification requirements.
Effort Grant	The sponsor funded grant associated with the worker's certified effort.
Effort Recertification	The process you use to recertify an employee's effort in response to payroll accounting changes that occur after you last certified the effort.
Eligible Investigator	A type of role that you can use to assign individuals to awards, grants, and grant hierarchies, so that the role assignments remain intact even when the person's position or organization changes.
Engagement Action Item	Defines a requirement that must be met for an application for admission to be considered complete. Example: Submit transcripts.
Engagement Item	An engagement email or printed engagement item. You can include engagement items in engagement plans and use them to support student recruiting events.
Enrollment Event Rule	A rule that defines coverage start and end dates, waiting periods, coverage increase limits, Evidence of Insurability requirements, and other coverage rules and conditions. Rules ensure that the benefits

Enterprise Interface Builder (EIB)	process presents only the options that each employee is eligible for based on the event type.
Estimate at Completion (EAC)	An integration tool that enables you to create simple, secure, and customizable integrations with Workday. Alternately, an EIB is a simple integration created by the integration tool. An EIB consists of an integration system, an integration data source, an integration transformation, and an integration transport protocol.
Estimate to Completion (ETC)	Includes all the hours logged and approved for the project, as well as the future hours the worker expects to complete.
Event	Includes the future hours the worker expects to complete.
External Association	A business process transaction that occurs within your organization, such as hiring or terminating an employee.
External Engagement Item	A nonprofit, community-based, or other noneducational organization that you can associate with student prospects or identify as a location for recruiting events.
Back to Top	Used to send and track third-party engagement items for recruiting events, communication plans, or ad hoc communications.

F

Fast Path	A streamlined approach to moving applications for admission from submission to matriculation as quickly as possible.
Field Overrides	A tool that lets you customize integration systems that are based on a connector template. Field overrides are managed through an integration service. They use calculated fields or report fields to supply values to an integration system. Example: member IDs in benefit provider integrations.
Financial Aid Period Record	A record containing data such as academic unit, academic level, and program of study for a student that Workday uses to process financial aid for an academic period.
Functional Area	A collection of domain or business process security policies that are related to the same set of product features, for example, Benefits or Compensation.

G

Grade Profile	A breakdown of a compensation grade by functional task, geographical region, or other categorization
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[Grant](#)

your business requires. A profile enables you to assign more granular compensation ranges to workers.

A worktag you use to charge award-related expenditures to an award line.

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H

[Headcount Plan](#)

Provides visibility into the number of workers necessary to achieve your business goals within a specified period of time.

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I

[Individual Target](#)

An individual bonus or merit target for a worker during a compensation review process that overrides the target defined on the compensation plan.

[Integration Attribute](#)

An integration component that specifies the tenanted value of a data element in Workday. Example: Plan Sponsor Name is a type of attribute in benefit provider integrations.

[Integration Data Source](#)

Indicates the type of data that Workday receives from or exports to an external system and its location.

[Integration Event](#)

The record of an integration process. Every integration—current or past, involving the import or export of data, successful or not—gets recorded as an integration event. The integration event contains all the information about the integration process, including its status.

[Integration Map](#)

An integration component that specifies how values in Workday map to values in an external system. Example: Pay Rate Frequency is a type of map in third-party payroll integrations.

[Integration Service](#)

A group of related integration attributes, maps, and XSLT that provides a framework to transform Workday data into the format required by an external system.

[Integration System](#)

A tenanted definition of an integration between Workday and an external system based on a template that provides the methodology for communicating data.

[Integration Template](#)

A collection of integration services that enables communication between Workday and an external system. Workday provides integration templates in categories such as Benefits, Financials, HCM, Payroll, Payroll Interface, Procurement, Recruiting, Security, and Settlement. Many of the delivered

Integration Transformation	Templates contain default values for attributes, as well as prompt values for attributes and maps, to define the integration further.
Integration Transport Protocol	Converts data into a format that Workday or a receiving external system can understand. Workday provides some delivered transformations, and you can also create custom transformations.
Intersection Security Group	Controls how Workday exports data to an external endpoint or service or imports the data from an external endpoint or service. Workday supports several types of transport protocols, including email, FTP and SFTP, HTTP/SSL, Workday attachments, and Workday Web Services.
Initiation Step	A security group whose members are other security groups. Members associated with all included security groups are granted access through an intersection security group.
Back to Top	The first step of a business process.

J

Job-Based Security Group	A security group that includes one or more job-related attributes or objects including job profile, job family, job category, management level, or exempt/non-exempt status.
Job Management Staffing Model	A structure that defines 1 set of hiring restrictions for all jobs in a supervisory organization, with no specific limits on the number of jobs that can be filled.
Job Profile	The generic features and characteristics of a job or position, such as management level, pay rate type, compensation, skills, and other qualifications.
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K

Knowledge Article	An article that is accessible to workers in your organization based on the assigned article audience. You can use these articles to document, share, and manage HR information specific to your organization.
Knowledge Article Audience	A group of employees that can view designated Knowledge articles. Their access to articles is determined by condition rules assigned to the audience.
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L

[Landing Page](#)

Landing pages display a collection of worklets. Landing pages may have different display formats (grid or bubble) and support different functions. The Home landing page is intended for common worklets, such as self-service worklets.

[Leave Family](#)

A set of similar leave of absence types. Example: A company-specific family includes disability leave and bereavement leave, while a separate regulatory family includes jury duty and family medical leave.

[Leave of Absence Rule](#)

A rule that defines worker eligibility for leaves of absence.

[Line Tax Rate Application \(LTRA\)](#)

A collection of tax amounts that apply to a given transaction line or supplier invoice line split on a taxable document.

[Linked Customer Contracts](#)

Child customer contracts that you associate with a parent customer contract for revenue allocation purposes.

[Linked Leave](#)

A leave type that shares an entitlement with other leave types or time offs. Eligibility rules, validation rules, and supporting data reference the combined balance of the associated leave types and time offs. Also known as coordinated leaves and time off.

[Location Membership Security Group](#)

A security group whose members are any workers assigned to that location.

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M

[Match and Merge](#)

A process that helps eliminate duplicate student prospect information in Workday.

[Micro-edit](#)

The ability to edit existing time blocks or add time blocks directly to a day by clicking the time entry calendar.

[Multiplier-Based Coverage](#)

Insurance coverage based on multiples of salary, such as 1x, 2x, or 3x salary.

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N

[Nonbillable](#)

A nonbillable project is an internal project that you don't invoice customers for.

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O

[Object Class](#)

The spend categories that award sponsors agree to reimburse award recipients for maintaining their projects.

On-Account Document

A document that's generated when you place a payment amount on an existing customer account. You can apply on-account documents to future payments.

Organization Security Group

A security group whose members are any workers assigned to that organization.

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P**Parent Customer Contract**

A customer contract that you associate with a child customer contract so you can add contract lines across contracts to the same schedule. When you view the parent customer contract, Workday displays the child customer contracts as linked contracts.

Passive Event

Events that result from the passage of time rather than from a specific change to employee data.

Payment Group

The payments that result from a settlement run.

Payment Tax Rate Application (PTRA)

A collection of tax amounts that apply to a given payment on a taxable document.

Position Management Staffing Model

A structure that defines different staffing rules and restrictions for each position in an organization.

Position Restrictions

The attributes and conditions that apply to an unfilled position in a supervisory organization that uses the position management staffing model. Example: Job profile, location, qualifications, and worker type.

Pre-Hire

In Staffing, an individual you're tracking before employment. In Recruiting, a candidate who is in the *Offer*, *Employment Agreement*, *Background Check*, or *Ready for Hire* stage.

Procurement Contract

Contracts enable your organization to define preferred suppliers, analyze spend for better control, and standardization. They also allow your organization to implement contractual spend to better negotiate and enforce discounts and other supplier terms.

Procurement Contract Type

A procurement contract in Workday is always associated with a Contract Type that dictates how the contract can be used across the procure-to-pay chain. Example: when a Contract Type has the Scheduled Purchase Orders option set, Workday can use the contract to automatically create purchase orders based on a predefined schedule.

Pro Forma Effort Certification

A report you can run before you run effort certification to review estimated effort based on salaries and wages that payroll accounting attributes to grants. It allows you to take corrective

Project Advanced Labor Costing	Action, such as payroll accounting adjustments, prior to certifying employee effort, to ensure a more seamless certification process.
Project Asset	Prorating project labor costs using standard or fully burdened costing.
Project Billing Rate Sheet	A container that captures separate, ongoing costs of a capital project in progress. You can associate multiple projects assets with a project to track costs over the life of a project.
Project Plan Phase	A document that outlines the hourly or daily rates charged per project role, with the option to be more specific based on defined categories such as Region, Skill Level, and Project Size.
Project Plan Task	A phase in the project plan that represents a stage in the project work. Example: Plan and Strategize. A project plan organizes projects into sequenced phases and tasks. A project phase is generally project agnostic, but when you add that phase into a project plan, it becomes a project plan phase.
Project Transaction Source	The work details in a project plan phase. Example: Define Project Objectives.
Prospect	The source of project billing transactions. Example: Supplier Invoice, Expense, or Time.
Back to Top	Someone you are interested in tracking who isn't associated with a specific job. You can use tags, prospect types, and prospect statuses to help track these individuals.

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Quick Add

A time entry option that enables you to create a time block and copy it to multiple days in a week.

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Recipient Threshold

The maximum number of prospects to whom you can send an engagement item at the same time without requiring approval.

Recruiting Cycle

A recruiting period for 1 or more academic levels of an academic unit. You associate recruiting cycles with campaigns to measure the effectiveness of each campaign per recruiting cycle.

Reference ID

A unique identifier used to look up data for integration purposes.

Reference Pay Range

A range of pay established for a compensation grade or grade profile.

Related Customer Contract	A customer contract that you associate with another customer contract for reporting purposes. When you create a customer contract, you can associate 1 related customer contract with it. The related customer contract must share the same company and sold-to customer.
Reported Time	A worker's time that has been entered, but has not had any time calculations applied.
Revenue Category	An attribute in customer contracts and billing used to search for and report on goods and services you sell. Also a dimension in account posting rule types for customer contracts, billing, and accounts receivable that drives accounting behavior.
Risk Insight	Provides the reason why Workday identifies an expense report with a High or Medium risk level. Reasons may include 1 or more of these: Amount Anomaly, Duplicate Expense, and Incorrect Expense Item.
Risk Level	The value (Low, Medium, and High) that Workday provides from risk evaluation. Workday provides default risk levels, which can also be configured based on Risk Score.
Risk Score	The numerical value (0 to 100) that Workday provides from risk evaluation. The score helps identify anomalous expense reports.

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S

Salary Over the Cap Basis	A worktag type representing the effort grant on over-the-cap salaries when you have salary over the cap enabled on your tenant. For the portion of salary that's over the cap, the Salary Over the Cap Basis worktag identifies the effort grant, while the Grant worktag, if applied, identifies the grant on the salary over the cap suballocation.
Salary Over the Cap Suballocation	Worktags and their distribution percentages that you want to allocate on the portion of salary that's over the salary cap.
Single Ledger Journal	An accounting journal that's a single primary or alternate ledger currency for the given company.
Source	The duplicate record that you want to merge in the Duplicate Management Framework.
Spend Category	A logical grouping to search and report on acquired items and services. Also a dimension in account posting rules for procurement and spend that drives accounting behavior.
Staffing Model	A structure that defines how jobs and positions are created and filled in a supervisory organization. Workday supports 2 kinds of staffing models:

	<ul style="list-style-type: none"> • Job management. • Position Management.
Staffing Organization	An organization category that includes supervisory organizations, matrix organizations, or retiree organizations.
Stage	A value, such as Lead, Inquirer, or Applicant, that identifies where a student prospect is in the recruitment or admissions process.
Student Financials Period Record	A record containing data such as academic unit, academic level, and program of study for a student that Workday uses to process student financials transactions for an academic period.
Student Prospect Profile	A worklet that displays information for a prospective student, including contact information and recruitment details.
Student Prospect Type	A value, such as First Year or Adult Returning, that you can assign to prospective students and use to match student prospects to admissions counselors automatically.
Student Recruiting Region	Workday term for recruiting territory. A recruiting region can represent a geographical area, 1 or more schools, or schools in selected school districts.
Student Tags	An attribute, such as Veteran, Athlete, or Scholarship Recipient, that you can assign to student prospects. You can use tags to match student prospects to recruiters automatically, find prospects, and use as criteria for associating engagement plans with prospects.
Supplier Contract	Contracts enable your organization to define preferred suppliers, analyze spend for better control, and standardization. They also allow your organization to implement contractual spend to better negotiate and enforce discounts and other supplier terms.
Supplier Contract Type	A supplier contract in Workday is always associated with a Contract Type that dictates how the contract can be used across the procure-to-pay chain. Example: when a Contract Type has the Scheduled Purchase Orders option set, Workday can use the contract to automatically create purchase orders based on a predefined schedule.
System User	An account associated with and required to launch a Connector or Studio integration. Workday delivered integrations and custom integrations require a system user account for authentication and web service calls. A system user account is not associated with a person in Workday.

[Staffing Organization](#)

An organization category that includes supervisory organizations, matrix organizations, or retiree organizations.

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T

[Target](#)

The record into which you want to merge the source in the Duplicate Management Framework.

[Tax Code](#)

A combination of tax rates that you select on transaction lines.

[Tax Rate Application \(TRA\)](#)

A collection of tax amounts across all lines on a taxable document with the same tax applicability, tax code, tax option, tax point date, tax rate, and tax recoverability.

[Tax Recovery Pro Rata Factor Percentage](#)

A company-specific percentage that modifies the tax recoverabilities that you configure for the tenant.

[Termination Adjustment](#)

A time off adjustment that automatically sets the remaining balance of a worker's time off plan to zero upon the worker's termination.

[Time Block](#)

A time block carries information about a portion of time, such as the number of hours worked or in/out times. Time blocks can be reported or calculated, but only calculated time blocks are pulled into Workday Payroll.

[Time Calculation](#)

A set of rules to apply time calculation tags to calculated time blocks for Payroll or other purposes. Example: You could create a time calculation to convert regular hours into overtime hours automatically if a worker works more than 40 hours in a week.

[Time Calculation Tag](#)

Workday applies calculation tags to time blocks during time calculations. The tags map to payroll earnings to drive how time blocks are paid and can be included in time off and accrual calculations. You can also use them to display time and time off totals on the time entry calendar.

[Time Clock Event](#)

A time clock event describes a worker's actions, such as a check-in or check-out, on the web time clock or an external time clock. Workday matches time clock events to form time blocks, which workers can edit and submit.

[Time Code Group](#)

The primary use of a time code group is to determine which time entry codes a worker is eligible for. Time code groups are assigned to a worker or to a position through eligibility rules.

[Time Entry Calendar](#)

A set of self-service pages that workers use to enter, edit, and submit time, when using calendar-based time entry. When using high volume time

Time Entry Code	entry, workers can view and submit time from the time entry calendar.
Time Entry Template	A time entry code describes the type of time a worker enters, such as worked time or meal allowance. To use time entry codes, you must attach them to time code groups, except for the default time entry code assigned to a time entry template.
Time Entry Validation	A template defines how a worker's time entry calendar is configured. Workers are matched to time entry templates through eligibility rules.
Time Off	Errors or warnings that prevent users from entering invalid time. Critical validations prevent a user from submitting time. Warnings display when entering time but don't prevent the worker from submitting time.
Time Off Plan	The rules that apply to a specific type of time off, including eligibility rules, whether adjustments are allowed, and limits that differ from the time off plan.
Time Period Schedule	The rules for entering and tracking 1 or more related time offs. Identifies the unit of time, eligibility requirements, whether to track balances, and if time offs are position-based or worker-based.
Time Proration Rule	A time period schedule defines which dates are available for entry at a given time and defines which dates are paid in which pay periods. They can line up with pay periods, or, in more complex scenarios, they can be paid on a lag.
Time Shift	A rule that prorates employees' target compensation in a bonus or merit increase compensation event according to time-based criteria, such as leave of absence or time since hire.

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U

Unbillable	An unbillable transaction is a billing transaction that has an issue preventing it from being billed. You can't take action on the transaction until you resolve the issue.
Unnamed Resources	Placeholders for project resources that you can use to assign tasks and perform resource forecasting without specific resource assignments.

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V**Value-Based Project**

A customer contract line type that you use when your project billing installment values are not known at the time of contract creation.

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W**Wave Picking**

Enables you to group picking lists together in groups to better organize and prioritize your inventory picking process

Week Breaker

The day of the week on which a worker's work week begins. Defines the 7-day period over which weekly time calculations execute. Unless otherwise specified, the default week breaker is Sunday at 12am.

Work Schedule Calendar

A calendar that defines the days and hours that a worker is scheduled to work. In Time Tracking, work schedule calendars affect time entry options, calendar displays, and time calculations.

Workday Studio

An Eclipse-based development environment that enables you to build more complex integrations with Workday.

Workday Web Services

Workday's public API. Based on open standards, Workday Web Services (WWS) provide the core method for integration with Workday.

Worker

An employee or a contingent worker.

Worklets

Mini applications represented by clickable icons in Workday, providing quick and easy access to tasks and data that you access regularly. Example: the Inventory or Time Off worklets, or a worklet based on a report.

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X**No Entries**

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Y**No Entries**

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Z**Zone Picking**

A method of picking for orders from different zones at an inventory site. In Workday, you can split a stock request into multiple zone picking lists for more efficient picking and shipping. You can then

ship the zone picking lists separately or merge them before shipment.

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