

Oracle  
**Primavera**  
**MSP Provider Data Dictionary**

**Version 20**  
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# Overview

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The *Primavera Gateway Microsoft Project (MSP) Provider Data Dictionary* provides a comprehensive listing of all business objects and associated fields available with the EBS provider delivered for Primavera Gateway. Review the list of supported business objects to determine the data that needs to be supported for integration in Primavera Gateway.

To view these business objects in the Primavera Gateway:

- 1) Install the MSP provider using the Gateway configuration utility.
- 2) Sign in to Gateway.
- 3) In the sidebar, select **Data Dictionary**, and then select **MSP**.

Primavera Gateway supports data integration between MSP and any enterprise application supported in Gateway.

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### Data Flows Supported by MSP Provider

The MSP provider supports the **Project Data** flow.

The **Project Data** flow allows you send project data from a Microsoft Project file to Primavera Cloud.



# Microsoft Project Provider Business Objects

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The following MSP business objects are available in the **Data Dictionary** menu of the Gateway user interface. Select a specific business object to review a detailed list of fields supported for that business object.

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**Note:** If you want to change the read-only status for a specific field in a business object, you will need to modify the Read-Only value for that field in the metadata file of the specific provider. Only Gateway developers and administrators are authorized to change the read-only status of the fields.

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Business Object	Description
Assignment	There must be at least one assignment in each Assignments collection.
Calendar	The s
Project	A project is a temporary endeavour undertaken to create a unique product, service, or result. Projects usually contain a breakdown structure and tasks.
Rate	The definition of a time period, and the rates applicable for the resource during that period.
Relationship	A relationship defines how a task relates to the start or finish of another task or assignment. These relationships which form the logic of the project network are used together with task durations to determine schedule dates.
Resource	The collection of resources that make up the project.
ResourceRate	
SummaryTask	The collection of tasks that make up the project.
Task	A tasks is a unit of work performed during the course of the project.
UnitOfMeasure	The unit of measure provides definitions of units of measure for material resources.

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## Assignment

**Description:** There must be at least one assignment in each Assignments collection.

Field	Description	Read-Only
ActualCost	The actual cost incurred on the assignment.	No
ActualFinish	The date on which the assignment was completed.	No
ActualOvertimeCost	The actual overtime cost incurred on the assignment.	No
ActualOvertimeWork	The actual amount of overtime work incurred on the assignment.	No
ActualOvertimeWorkProtected	The duration through which actual overtime work is protected.	No
ActualStart	If the task has started, the date work began on the task.	No
ActualWork	The sum of the actual non-overtime and the overtime units worked by the resource on the task.	No
ActualWorkProtected	The duration through which actual work is protected.	No
ACWP	The actual cost of work performed on the assignment to-date.	No
AssignmentCode	The code that identifies this assignment.	No
AssnOwner	The name of the assignment owner.	No
AssnOwnerGuid	The GUID of the assignment owner.	No
AtCompletionUnits	The sum of the actual units and the remaining units for the resource assignment on the task.	No



Field	Description	Read-Only
BaselineCost	The current cost of the assignment in the project baseline.	Yes
BaselineFinishDate	The date the assignment is scheduled to be finished.	Yes
BaselineStartDate	The planned start date for the assignment on the task.	Yes
BaselineWork	The planned units of work for the resource assignment on the task.	Yes
BCWP	The budgeted cost of work performed on the assignment to-date.	No
BCWS	The budgeted cost of work performed on the assignment.	No
BookingType	The booking type of the assignment. 1 = Committed, 2 = Proposed.	No
BudgetCost	The budgeted amount for cost resources on this assignment.	No
BudgetWork	The budgeted work amount for work or material resources on this assignment.	No
Confirmed	Whether the Resource has accepted all of his or her assignments.	No
Cost	The projected or scheduled cost of the assignment.	No
CostRateTable	The cost rate table used for the assignment. Values are 0 = Price/Unit, 1 = Price/Unit1, 2 = Price/Unit2, 3 = Price/Unit3, 4 = Price/Unit4, 5 = Price/Unit5.	No
CostVariance	The difference between the cost and baseline cost for a resource.	No
CreationDate	The date that the assignment was created.	No
CV	The earned value cost variance.	No
Delay	The time lag between the tasks remaining start date and the resource's remaining start date on the task.	No
Finish	The finish date of the assignment.	No
FinishVariance	The variance of the assignment finish date from the baseline finish date.	No
FixedMaterial	Whether the consumption of the assigned material resource occurs in a single, fixed amount.	No
HasFixedRateUnits	Whether the Units are Fixed Rate.	No

Field	Description	Read-Only
Hyperlink	The title of the hyperlink associated with the assignment.	No
HyperlinkAddress	The hyperlink associated with the assignment.	No
HyperlinkSubAddress	The document bookmark of the hyperlink associated with the assignment.	No
LevelingDelay	The delay caused by leveling.	No
LevelingDelayFormat	The format for expressing the duration of the delay.	No
LinkedFields	Whether the project is linked to another OLE object.	No
Milestone	Whether the assignment is a milestone.	No
Name	The short code that uniquely identifies the project.	No
Notes	The text notes associated with the assignment.	No
ObjectId	The unique ID generated by the system.	No
Overallocated	Whether the assignment is overallocated.	No
OvertimeCost	The sum of the actual and remaining overtime cost of the assignment.	No
OvertimeWork	The scheduled overtime work scheduled for the assignment.	No
PeakUnits	The largest number of units that a resource is assigned to a task.	No
PercentWorkComplete	The amount of work completed on the assignment.	No
ProjectId	The short code that uniquely identifies the project.	Yes
RateScale	The time unit for the usage rate of the material resource assignment. For example resource m1[5lbs/hr].	No
RegularWork	The amount of non-overtime work scheduled for the assignment.	No
RemainingCost	The remaining projected cost of completing the assignment.	No
RemainingOvertimeCost	The remaining projected overtime cost of completing the assignment.	No
RemainingOvertimeWork	The remaining overtime work scheduled to complete the assignment.	No

Field	Description	Read-Only
RemainingUnitsPerHour	The units per time required for the resource assignment to complete the task.	No
RemainingWork	The remaining units of work to be performed by the resource on the task.	No
ResourceId	The short code that uniquely identifies the project.	Yes
ResourceObjectId	The unique identifier for the resource assigned to the task.	No
ResourceType	The resource type: 'Labor', 'Non-Labor', or 'Material'.	No
ResponsePending	Whether a response has been assigned for a TeamAssign message.	No
Resume	The date that the assignment resumed.	No
Start	The start date for the task assignment.	No
StartVariance	The variance of the assignment from the baseline start date.	No
Stop	The date that the assignment was stopped.	No
Summary	Whether the task is a summary task.	No
SV	The earned value schedule variance, through the project status date.	No
TaskId	The short ID that uniquely identifies the task within the project.	Yes
TaskObjectId	The unique ID of the task to which the resource is assigned.	No
TaskType	The type of the task either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.	Yes
UID	The unique identifier of the assignment.	No
Units	The number of units for the assignment.	No
UpdateNeeded	Whether the resource assigned to a task needs to be updated as to the status of the task.	No
VAC	The difference between baseline cost and total cost.	No
Work	The sum of the actual units and remaining units for the resource assignment on the task.	No
WorkContour	The work contour of the assignment. Values are: 0 = Flat, 1 = Back, 2 = Front Loaded, 3 = Double Peak, 4 = Early Peak, 5 = Late Peak, 6 = Bell, 7 = Turtle, 8 = Contoured.	No

Field	Description	Read-Only
WorkVariance	The variance of assignment work from the baseline work as minutes x 1000.	No

## Calendar

**Description:** There must be at least one assignment in each Assignments collection.

Field	Description	Read-Only
BaseCalendarUID	The unique identifier of the base calendar on which this calendar depends. Only applicable if calendar is not a base calendar.	No
HolidayOrExceptions	All dates with holidays or exceptions in this calendar.	No
HoursPerDay	The hours per day for the time period.	No
HoursPerMonth	The hours per month for the time period.	No
HoursPerWeek	The hours per week for the time period.	No
HoursPerYear	The hours per year for the time period.	No
IsBaseCalendar	Whether the calendar is a base calendar.	No
IsBaselineCalendar	Whether the calendar is a baseline calendar.	No
Name	The name of the calendar.	No
ObjectId	The unique ID generated by the system.	No
ProjectObjectId	The unique ID of the project.	No
StandardWorkWeek	Standard detailed work hours for each day of the week.	No
Type	The calendar type - either 'Global', 'Resource', or 'Project'.	No
UID	The unique identifier of the calendar.	No

## Project

**Description:** A project is a temporary endeavor undertaken to create a unique product, service, or result. Projects usually contain a breakdown structure and tasks.

Field	Description	Read-Only
ActualsInSync	Whether all actual work has been synchronized with the project.	No
AdminProject	Whether the project is an administrative project.	No
Author	The author of the project.	No
AutoAddNewResourcesAndTasks	Whether to automatically add new resources to the resource pool.	No
Autolink	Whether to autolink inserted or moved tasks.	No
BaselineForEarnedValue	The specific baseline used to calculate Variance values.	No
BaselineCalendar	The name of the Baseline Calendar.	No
CalendarCode	The default task calendar code.	No
CalendarUID	The unique id of the Activity Default Calendar of the project.	No
Category	The category of the project.	No
Company	The company of the project.	No
CreationDate	The date that the project was created.	No
CriticalSlackLimit	Critical Activity Float Limit.	No
CurrencyCode	The three letter currency character code as defined in ISO 4217. Valid values are: USD.	No
CurrencyDigits	The number of digits after the decimal symbol.	No
CurrencySymbol	The currency symbol used in the project.	No
CurrencySymbolPosition	The position of the currency symbol. Values are: 0 = Before, 1 = After, 2 = Before With Space, 3 = After with space.	No
CurrentDate	The system date that the XML was generated.	No
DaysPerMonth	The number of days per month.	No
DefaultFinishTime	The default finish time of new tasks.	No
DefaultFixedCostAccrual	The default from where fixed costs are accrued Values are: 1 = Start, 2 = Prorated, 3 = End.	No
DefaultOvertimeRate	The default overtime rate for new resources.	No
DefaultStandardRate	The default standard rate for new resources.	No
DefaultStartTime	The default start time of new tasks.	No

Field	Description	Read-Only
DefaultTaskEVMethod	The default earned value method for tasks. Values are: 0 = Percent Complete, 1 = Physical Percent Complete.	No
DefaultTaskType	The default value of duration type for the project.	No
DurationFormat	The format for expressing the bulk duration.	No
EarnedValueMethod	The default method for calculating earned value. Values are:	No
EditableActualCosts	Whether or not actual costs are editable.	No
ExtendedCreationDate	Date used for calculation and reporting.	No
FinishDate	The finish date of the project.	No
FiscalYearStart	Whether to use fiscal year numbering.	No
FYStartDate	The Fiscal Year starting month. Values are 1 = January, 2 = February, 3 = March, 4 = April, 5 = May, 6 = June, 7 = July, 8 = August, 9 = September, 10 = October, 11 = November, 12 = December.	No
HonorConstraints	Whether tasks honor their constraint dates.	No
InsertedProjectsLikeSummary	Whether to calculate subtasks as summary tasks.	No
KeepTakOnNearestWorkingTimeWhenMadeAutoScheduled	Whether or not tasks moving from Manual to Auto Scheduled should be moved to the nearest working time.	No
LastSaved	The date that the project was last saved.	No
Manager	The manager of the project.	No
MicrosoftProjectServerURL	Whether the project was created by a Project Server user as opposed to a NT user.	No
MinutesPerDay	The number of minutes per day.	No
MinutesPerWeek	The number of minutes per week.	No
MoveCompletedEndsBack	Whether the end of completed portions of tasks scheduled to begin after the status date but begun early should be moved back to the status date.	No
MoveCompletedEndsForward	Whether the end of completed portions of tasks scheduled to have been completed before the status date but begun late should be moved up to the status date.	No

Field	Description	Read-Only
MoveRemainingStartsBack	Whether the beginning of remaining portions of tasks scheduled to begin after the status date but begun early should be moved back to the status date.	No
MoveRemainingStartsForward	Whether the beginning of remaining portions of tasks scheduled to have begun late should be moved up to the status date.	No
MultipleCriticalPaths	Whether multiple critical paths are calculated.	No
Name	The name of the project.	No
NewTasksAreManual	Whether or not new tasks should be made in Manual mode.	No
NewTasksEffortDriven	Whether new tasks are effort driven.	No
NewTasksEstimated	Whether to show the estimated duration by default.	No
NewTaskStartDate	The default date for new tasks start. Values are: 0 = Project Start Date, 1 = Current Date	No
ObjectId	The unique ID generated by the system.	No
ProjectExternallyEdited	Whether the project XML was edited.	No
RemoveFileProperties	Whether to remove all file properties on save.	No
Revision	The description of the project.	No
SaveVersion	The version of Microsoft Project from which the project was saved. Values are: 12 = Project 2007, 14 = Project 2010. Project 2013 saves the same XML version as Project 2010.	No
ScheduleFromStart	Whether the project is scheduled from the start date or finish date.	No
SplitsInProgressTasks	Whether in-progress tasks can be split.	No
SpreadActualCost	Whether actual costs are spread to the status date.	No
SpreadPercentComplete	Whether percent complete is spread to the status date.	No
StartDate	The start date of the project.	No
Status	The status of the project.	No
StatusDate	Date used for calculation and reporting.	No
Subject	The subject of the project.	No

Field	Description	Read-Only
TaskUpdatesResource	Whether updates to tasks update resources.	No
Title	The name of the project.	No
UID	The unique ID of the project.	No
UpdateManuallyScheduledtaskWhenEditingLinks	Whether or not to update manually scheduled tasks when editing links.	No
WeekStartDay	Start day of the week. Values are: 0 = Sunday, 1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 = Friday, 6 = Saturday.	No
WorkFormat	The default work unit format. Values are: 1 = m, 2 = Hour, 3 = Day, 4 = Week, 5 = Month.	No

## Rate

**Description:** The definition of a time period, and the rates applicable for the resource during that period.

Field	Description	Read-Only
CostPerUse	The cost per use of the resource. This value is as of the current date if a rate table exists for the resource.	No
MaxUnits	The maximum work units per time this resource can perform on all their assigned activities.	
ObjectId	The unique ID generated by the system.	No
OvertimeRate	The overtime rate for the resource for the period specified.	No
OvertimeRateFormat	The units used by the Microsoft Project to display the overtime rate. 1=m, 2=h, 3=d, 4=2, 5=mo, 7=y.	No
PricePerUnit	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.	No
PricePerUnit2	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.	No
PricePerUnit3	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.	No



Field	Description	Read-Only
PricePerUnit4	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.	No
PricePerUnit5	The non-overtime price per time for the resource. This price is used to compute costs for any activities the resource is assigned to.	No
RatesFrom	The date that the rate becomes effective.	No
RatesTo	The last date that the rate is effective.	No
RateTable	The unique identifier of the rate table for the resource. Values are 0=A, 1=B, 2=C, 3=D, 4=E.	No
ResourceObjectI d	The Project OutlineCode Id.	No
StandardRate	The standard rate for the resource for the period specified.	No
StandardRateFor mat	The units used by Microsoft Project to display the standard rate. 1=m, 2=h, 3=d, 4=2, 5=mo, 7=y.	No

## Relationship

**Description:** A relationship defines how a task relates to the start or finish of another task or assignment. These relationships which form the logic of the project network are used together with task durations to determine schedule dates.

Field	Description	Read-Only
CreateDate	The date this relationship was created.	No
CreateUser	The name of the user that created this relationship.	No
IsPredecessorBa seline	The boolean value indicating if the predecessor task is related to a Project or Baseline.	No
IsPredecessorTe mplate	The boolean value indicating if this business object is related to a template Project.	No
IsSuccessorBase line	The boolean value indicating if the successor task is related to a Project or Baseline.	No
IsSuccessorTem plate	The boolean value indicating if this business object is related to a template Project.	No
Lag	The amount of time the predecessor task was delayed, affecting the ability of its successor activity to start or finish.	No

Field	Description	Read-Only
LastUpdateDate	The date this relationship was last updated.	No
LastUpdateUser	The name of the user that last updated this relationship.	No
ObjectId	The unique ID generated by the system.	No
PredecessorProjectObjectId	The unique ID of the project that owns the predecessor task.	No
PredecessorTaskId	The unique ID of the predecessor task.	No
PredecessorTaskName	The name of the predecessor task.	No
PredecessorTaskObjectId	The unique ID of the predecessor task.	No
PredecessorTaskType	The type of the predecessor task, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.	No
SuccessorProjectObjectId	The unique ID of the project that owns the successor task.	No
SuccessorTaskId	The unique ID of the successor task.	No
SuccessorTaskName	The name of the successor task.	No
SuccessorTaskObjectId	The unique ID of the successor task.	No
SuccessorTaskType	The type of the successor task, either 'Task Dependent', 'Resource Dependent', 'Level of Effort', or 'Milestone'.	No
Type	The relationship type defining the behavior between two tasks.	No

## Resource

**Description:** The collection of resources that make up the project.

Field	Description	Read-Only
AccrueAt	How cost is accrued against the resource. Values are: 1 = Start, 2 = End, 3 = Prorated, \$New4 = Invalid.	No

Field	Description	Read-Only
ActiveDirectoryGUID	The Active Directory GUID for the resource.	No
ActualCost	The actual cost incurred by the resource across all assigned tasks.	No
ActualOvertimeCost	The actual overtime cost incurred by the resource across all assigned tasks.	No
ActualOvertimeWork	The amount of actual overtime work performed by the resource.	No
ActualOvertimeWorkProtected	The duration through which actual overtime work is protected.	No
ActualWork	The amount of actual work performed by the resource.	No
ActualWorkProtected	The duration through which actual work is protected.	No
ACWP	The actual cost of work performed by the resource to the project to-date.	No
AssnOwner	The name of the assignment owner.	No
AssnOwnerGuid	The GUID of the assignment owner.	No
AvailableFrom	The first date that the resource is available.	No
AvailableTo	The last date that the resource is available.	No
BaselineCost	The current cost of the resource in the project baseline.	Yes
BaselineCost1	Baseline Cost 1	No
BaselineCost10	Baseline Cost 10	No
BaselineCost2	Baseline Cost 2	No
BaselineCost3	Baseline Cost 3	No
BaselineCost4	Baseline Cost 4	No
BaselineCost5	Baseline Cost 5	No
BaselineCost6	Baseline Cost 6	No
BaselineCost7	Baseline Cost 7	No
BaselineCost8	Baseline Cost 8	No
BaselineCost9	Baseline Cost 9	No
BaselineFinish	The current finish date of the resource.	Yes
BaselineStart	The current start date of the resource.	Yes

Field	Description	Read-Only
BaselineWork	The current cost of the resource in the project baseline.	Yes
BaselineWork1	Baseline Work 1	No
BaselineWork10	Baseline Work 10	No
BaselineWork2	Baseline Work 2	No
BaselineWork3	Baseline Work 3	No
BaselineWork4	Baseline Work 4	No
BaselineWork5	Baseline Work 5	No
BaselineWork6	Baseline Work 6	No
BaselineWork7	Baseline Work 7	No
BaselineWork8	Baseline Work 8	No
BaselineWork9	Baseline Work 9	No
BCWP	The budgeted cost of work performed by the resource for the project to-date.	No
BCWS	The budget cost of work scheduled for the resource.	No
BookingType	The booking type of the resource. 1 = Committed, 2 = Proposed.	No
CalendarCode	The unique code of the calendar.	No
CalendarUID	The calendar assigned to the resource	No
CanLevel	Whether the resource can be leveled.	No
Code	The code or other information about the resource.	No
Cost	The total project cost for the resource across all assigned tasks.	No
CostPerUse	The cost per use of the resource. This value is as of the current rdate if a rate table exists for the resource.	No
CostVariance	The difference between the cost and baseline cost and the cost.	No
CreationDate	The date that the resource was created.	No
CV	The earned value cost variance through the project status date.	No
EmailAddress	The email address for the resource.	No
Finish	The scheduled finish date of the resource.	No

Field	Description	Read-Only
Group	The unique ID of the parent resource of this resource in the hierarchy.	No
Hyperlink	The title of the hyperlink associated with the resource.	No
HyperlinkAddress	The hyperlink associated with the resource.	No
HyperlinkSubAddress	The document bookmark of the hyperlink associated with the resource.	No
ID	The position identifier of the resource within the list of resources.	No
Initials	The unique identifier of the resource.	No
IsActive	Whether the resource is set to inactive.	No
IsBudget	Whether the resource is a budget resource.	
IsCostResource	Whether the resource is a cost resource.	
IsEnterprise	Whether the resource is a enterprise resource.	
IsGeneric	Whether the resource is generic.	
IsInactive	Whether the resource is set to inactive.	
IsNull	Whether the resource is null.	No
MaterialLabel	The unit of measure for the material resource.	No
MaxUnits	The maximum number of units that the resource is available.	No
Name	The name of the resource.	No
Notes	The text notes associated with the resource.	No
NTAccount	The NT account associated with the resource.	No
ObjectId	The unique ID generated by the system.	No
Overallocated	Whether the assignment is overallocated.	No
OvertimeCost	The sum of the actual and remaining overtime cost of the assignment.	No
OvertimeRate	The overtime rate of the resource. This value is as of the current date if a rate table exists for the resource.	No
OvertimeRateFormat	The units used by Microsoft Project to display the overtime rate. 1 = m, 2 = h, 3= d, 4 = w, 5 = mo, 7 = y.	No
OvertimeWork	The amount of overtime work assigned to the resource.	No

Field	Description	Read-Only
ParentObjectId	The unique ID of the parent resource of this resource in the hierarchy.	No
PeakUnits	The largest number of units assigned to the resource at any time.	No
PercentWorkComplete	The percentage of work completed across all tasks.	No
Phonetics	The phonetic spelling of the resource name. For use with Japanese only.	No
RegularWork	The amount of non-overtime work assigned to the resource.	No
RemainingCost	The remaining projected cost of completing the assignment.	No
RemainingOvertimeCost	The remaining projected cost of the resource to complete all assigned tasks.	No
RemainingOvertimeWork	The amount of remaining overtime work required to complete all tasks.	No
RemainingWork	The amount of remaining work required to complete all assigned tasks.	No
StandardRate	The standard rate of the resource. The value is as of the current date if a rate table exists for the resource.	No
StandardRateFormat	The units used by Microsoft Project to display the standard rate. 1 = m, 2 = h, 3 = d, 4 = w, 5 = mo, 7 = y, 8 = material resource rate (or blank symbol specified).	No
Start	The scheduled start date of the resource.	No
SV	The earned value schedule variance, through the project status date.	No
Type	The indicator that determines the resource type. 0 = Material, 1 = Work.	No
UID	The unique identifier of the resource.	No
UOMObjectId	The unique ID of the unit of measure that is assigned to the resource.	No
Work	The total work assigned to the resource across all assigned tasks.	No
WorkGroup	The type of workgroup to which the resource belongs. Values are 0 = Default, 1 = None, 2 = Email, 3 = Web.	No

Field	Description	Read-Only
WorkVariance	The difference between the baseline work and the work as minutes x 1000	No

## SummaryTask

**Description:** The collection of tasks that make up the project.

Field	Description	Read-Only
Active	Whether the task is active.	No
ActualCost	The actual cost of the task.	No
ActualDuration	The actual duration of the task.	No
ActualFinish	The actual finish date of the task.	No
ActualOvertimeCost	The actual overtime cost of the task.	No
ActualOvertimeWork	The actual overtime work of the task.	No
ActualOvertimeWorkProtected	The duration through which actual overtime work is protected.	No
ActualStart	The actual start date of the task.	No
ActualWork	The actual work for the task.	No
ActualWorkProtected	The duration through which actual work is protected.	No
ACWP	The actual cost of work performed on the task to-date.	No
BaselineCost	The current cost of the summary task in the project baseline.	No
BaselineCost1	Baseline Cost 1	No
BaselineCost10	Baseline Cost 10	No
BaselineCost2	Baseline Cost 2	No
BaselineCost3	Baseline Cost 3	No
BaselineCost4	Baseline Cost 4	No
BaselineCost5	Baseline Cost 5	No
BaselineCost6	Baseline Cost 6	No
BaselineCost7	Baseline Cost 7	No

Field	Description	Read-Only
BaselineCost8	Baseline Cost 8	No
BaselineCost9	Baseline Cost 9	No
BaselineDuration	The duration for the activity in the summary task baseline.	No
BaselineFinish	The current finish date of the summary task in the project baseline.	No
BaselineStart	The current start date of the summary task in the project baseline.	No
BaselineWork	The current cost of the summary task in the project baseline.	No
BaselineWork1	Baseline Work 1	No
BaselineWork10	Baseline Work 10	No
BaselineWork2	Baseline Work 2	No
BaselineWork3	Baseline Work 3	No
BaselineWork4	Baseline Work 4	No
BaselineWork5	Baseline Work 5	No
BaselineWork6	Baseline Work 6	No
BaselineWork7	Baseline Work 7	No
BaselineWork8	Baseline Work 8	No
BaselineWork9	Baseline Work 9	No
BCWP	The budgeted cost of work performed on the task to-date.	No
BCWS	The budgeted cost of work scheduled for the task.	No
CalendarUID	The resource calendar. Refers to a valid UID in the Calendars element of the Microsoft Project XML Schema.	No
CommitmentFinish	The finish date of the deliverable.	No
CommitmentStart	The start date of the deliverable.	No
CommitmentType	Whether the task has an associated deliverable or a dependency on an associated deliverable.	No
ConstraintDate	The date argument for the task constraint type.	No
ConstraintType	The constraint on the start or finish date of the task.	No
Contact	The contact person for the task.	No



Field	Description	Read-Only
Cost	The projected or scheduled cost of the task.	No
CreateDate	The date that the task was created.	No
Critical	Whether the task is in the critical chain.	No
CV	The earned value cost variance.	No
Deadline	The deadline for the task to be completed.	No
DisplayAsSummary	Whether the task should be displayed as a summary task.	No
Duration	The planned duration of the task.	No
DurationFormat	The format for expressing the duration of the task.	No
EarlyFinish	The early finish date of the task.	No
EarlyStart	The early start date of the task.	No
EarnedValueMethod	The default method for calculating earned value. Values are 0 = Percent Complete, 1 = Physical Percent Complete.	No
EffortDriven	Whether the task is effort-driven.	No
Estimated	Whether the task is estimated.	No
ExternalTask	Whether the task is external.	No
ExternalTaskProject	The source location and task identifier of the external task.	No
Finish	The scheduled finish date of the task.	No
FinishSlack	The amount of free slack at the end of the task.	No
FinishVariance	The variance of the task finish date from the baseline finish date as minutes x 1000.	No
FixedCost	The fixed cost of the task.	No
FixedCostAccrual	How the fixed cost is accrued against the task. Values are 1 = Start, 2 = Prorated, 3 = End.	No
FreeSlack	The amount of free slack.	No
HideBar	Whether the GANTT bar of the task is hidden when displayed in Microsoft Project.	No
Hyperlink	The title of the hyperlink associated with the task.	No
HyperlinkAddress	The hyperlink associated with the task.	No
HyperlinkSubAddress	The document bookmark of the hyperlink associated with the task.	No

Field	Description	Read-Only
Id	The position identifier of the task within the list of tasks.	No
IgnoreResourceCalendar	Whether the task ignores the resource calendar.	No
IsNull	Whether the task is null.	No
IsPublished	Whether the task is published.	No
IsSubproject	Whether the task is an inserted project.	No
IsWorkPackage	Whether the WBS is a work package.	No
LateFinish	The late finish date of the task.	No
LateStart	The late start date of the task.	No
LevelAssignments	Whether leveling can adjust assignments.	No
LevelingCanSplit	Whether leveling can split the task.	No
LevelingDelay	The delay caused by leveling the task.	No
LevelingDelayFormat	The format for expressing the duration of the delay.	No
Manual	Whether the task is in manually scheduled mode.	No
ManualDuration	Text displayed in the duration field when the task is in manually scheduled mode.	No
ManualFinish	Text displayed in the finish field when the task is in manually scheduled mode.	No
ManualStart	Text displayed in the start field when the task is in manually scheduled mode.	No
Milestone	Whether the task is a milestone.	No
Name	The name of the Summary Task.	No
Notes	The text notes associated with the task.	No
ObjectId	The unique ID generated by the system.	Yes
OutlineLevel	The outline level of the task.	No
OutlineNumber	The outline number of the task.	No
OverAllocated	Whether the task is overallocated. The element is informational only.	No
OvertimeCost	The sum of the actual and remaining overtime cost of the task.	No
OvertimeWork	The amount of overtime work scheduled for the task.	No

Field	Description	Read-Only
ParentObjectId	The unique ID of the parent WBS of this WBS in the hierarchy.	No
PercentComplete	The percentage of the task duration completed.	No
PercentWorkComplete	The percentage of the task work completed.	No
PhysicalPercentComplete	The percentage complete value entered by the Project Manager. This can be used as an alternative for calculating BCWP.	No
PreLeveledFinish	The finish date of the task before it was leveled.	No
PreLeveledStart	The start date of the task before it was leveled.	No
Priority	The priority of the task from 0 to 1000.	No
ProjectId	The project ID of the summary task.	Yes
ProjecObjectId	The unique ID of the associated project.	No
Recurring	Whether the task is a recurring task.	No
RegularWork	The amount of non-overtime work scheduled for the task.	No
RemainingCost	The remaining projected cost of completing the task.	No
RemainingDuration	The amount of time required to complete the unfinished portion of the task.	No
RemainingOvertimeCost	The remaining overtime cost projected to finish the task.	No
RemainingOvertimeWork	The remaining overtime work projected to finish the task.	No
RemainingWork	The remaining work scheduled to complete the task.	No
Resume	The date that the task resumed.	No
ResumeValid	Whether the task can be resumed.	No
Rollup	Whether the task is rolled up.	No
Start	The scheduled start date of the task.	No
StartSlack	The amount of free slack at the start of the task.	No
StartVariance	The variance of the task start date from the baseline start date as minutes x 1000	No
StatusManager	The name of the task status manager.	No
Stop	The date that the task was stopped.	No
SubprojectName	The source location of the inserted project.	No

Field	Description	Read-Only
Summary	Whether the task is a summary task.	No
TotalSlack	The amount of total slack.	No
Type	The type of task. Values are: 1 = Fixed Units, 1 = Fixed Duration, 2 = Fixed Work.	No
UID	The unique ID of the task.	No
WBS	The work breakdown structure code of the task.	No
WBSLevel	The rightmost WBS level of the task.	No
Work	The amount of scheduled work for the task.	No
WorkVariance	The variance of the task work from the baseline task work as minutes x 1000	No

## Task

**Description:** A task is a unit of work performed during the course of the project.

Field	Description	Read-Only
Active	Whether the task is active.	No
ActualCost	The actual cost of the task.	No
ActualDuration	The actual duration of the task.	No
ActualFinish	The actual finish date of the task.	No
ActualOvertimeCost	The actual overtime cost of the task.	No
ActualOvertimeWork	The actual overtime work of the task.	No
ActualOvertimeWorkProtected	The duration through which actual overtime work is protected.	No
ActualStart	The actual start date of the task.	No
ActualWork	The actual work for the task.	No
ActualWorkProtected	The duration through which actual work is protected.	No
ACWP	The actual cost of work performed on the task to-date.	No
BaselineCost	The current cost of the summary task in the project baseline.	No

Field	Description	Read-Only
BaselineCost1	Baseline Cost 1	No
BaselineCost10	Baseline Cost 10	No
BaselineCost2	Baseline Cost 2	No
BaselineCost3	Baseline Cost 3	No
BaselineCost4	Baseline Cost 4	No
BaselineCost5	Baseline Cost 5	No
BaselineCost6	Baseline Cost 6	No
BaselineCost7	Baseline Cost 7	No
BaselineCost8	Baseline Cost 8	No
BaselineCost9	Baseline Cost 9	No
BaselineDuration	The duration for the activity in the summary task baseline.	No
BaselineFinish	The current finish date of the summary task in the project baseline.	No
BaselineStart	The current start date of the summary task in the project baseline.	No
BaselineWork	The current cost of the summary task in the project baseline.	No
BaselineWork1	Baseline Work 1	No
BaselineWork10	Baseline Work 10	No
BaselineWork2	Baseline Work 2	No
BaselineWork3	Baseline Work 3	No
BaselineWork4	Baseline Work 4	No
BaselineWork5	Baseline Work 5	No
BaselineWork6	Baseline Work 6	No
BaselineWork7	Baseline Work 7	No
BaselineWork8	Baseline Work 8	No
BaselineWork9	Baseline Work 9	No
BCWP	The budgeted cost of work performed on the task to-date.	No
BCWS	The budgeted cost of work scheduled for the task.	No

Field	Description	Read-Only
CalendarUID	The resource calendar. Refers to a valid UID in the Calendars element of the Microsoft Project XML Schema.	No
CommitmentFinish	The finish date of the deliverable.	No
CommitmentStart	The start date of the deliverable.	No
CommitmentType	Whether the task has an associated deliverable or a dependency on an associated deliverable.	No
ConstraintDate	The date argument for the task constraint type.	No
ConstraintType	The constraint on the start or finish date of the task.	No
Contact	The contact person for the task.	No
Cost	The projected or scheduled cost of the task.	No
CreateDate	The date that the task was created.	No
Critical	Whether the task is in the critical chain.	No
CV	The earned value cost variance.	No
Deadline	The deadline for the task to be completed.	No
DisplayAsSummary	Whether the task should be displayed as a summary task.	No
Duration	The planned duration of the task.	No
DurationFormat	The format for expressing the duration of the task.	No
DurationType	Determines how remaining duration, units, and units/time are calculated when an activity has resources assigned. Fields Type and EffortDriven determine valid values: Fixed Units/Time, Fixed Units, Fixed Duration & Units, and Fixed Duration & Units/Time.	No
EarlyFinish	The early finish date of the task.	No
EarlyStart	The early start date of the task.	No
EarnedValueMethod	The default method for calculating earned value. Values are 0 = Percent Complete, 1 = Physical Percent Complete.	No
EffortDriven	Whether the task is effort-driven.	No
Estimated	Whether the task is estimated.	No
ExternalTask	Whether the task is external.	No

Field	Description	Read-Only
ExternalTaskProject	The source location and task identifier of the external task.	No
Finish	The scheduled finish date of the task.	No
FinishSlack	The amount of free slack at the end of the task.	No
FinishVariance	The variance of the task finish date from the baseline finish date as minutes x 1000.	No
FixedCost	The fixed cost of the task.	No
FixedCostAccrual	How the fixed cost is accrued against the task. Values are 1 = Start, 2 = Prorated, 3 = End.	No
FreeSlack	The amount of free slack.	No
HideBar	Whether the GANTT bar of the task is hidden when displayed in Microsoft Project.	No
Hyperlink	The title of the hyperlink associated with the task.	No
HyperlinkAddress	The hyperlink associated with the task.	No
HyperlinkSubAddress	The document bookmark of the hyperlink associated with the task.	No
Id	The position identifier of the task within the list of tasks.	No
IgnoreResourceCalendar	Whether the task ignores the resource calendar.	No
IsNull	Whether the task is null.	No
IsPublished	Whether the task is published.	No
IsSubproject	Whether the task is an inserted project.	No
IsWorkPackage	Whether the WBS is a work package.	No
LateFinish	The late finish date of the task.	No
LateStart	The late start date of the task.	No
LevelAssignments	Whether leveling can adjust assignments.	No
LevelingCanSplit	Whether leveling can split the task.	No
LevelingDelay	The delay caused by leveling the task.	No
LevelingDelayFormat	The format for expressing the duration of the delay.	No
Manual	Whether the task is in manually scheduled mode.	No
ManualDuration	Text displayed in the duration field when the task is in manually scheduled mode.	No

Field	Description	Read-Only
ManualFinish	Text displayed in the finish field when the task is in manually scheduled mode.	No
ManualStart	Text displayed in the start field when the task is in manually scheduled mode.	No
Milestone	Whether the task is a milestone.	No
Name	The name of the Summary Task.	No
Notes	The text notes associated with the task.	No
ObjectId	The unique ID generated by the system.	Yes
OutlineLevel	The outline level of the task.	No
OutlineNumber	The outline number of the task.	No
OverAllocated	Whether the task is overallocated. The element is informational only.	No
OvertimeCost	The sum of the actual and remaining overtime cost of the task.	No
OvertimeWork	The amount of overtime work scheduled for the task.	No
ParentObjectId	The unique IF of the parent WBS of this WBS in the hierarchy.	No
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ProjectId	The project ID of the summary task.	Yes
ProjecObjectId	The unique ID of the associated project.	No
Recurring	Whether the task is a recurring task.	No
RegularWork	The amount of non-overtime work scheduled for the task.	No
RemainingCost	The remaining projected cost of completing the task.	No
RemainingDuration	The amount of time required to complete the unfinished portion of the task.	No



Field	Description	Read-Only
RemainingOvertimeCost	The remaining overtime cost projected to finish the task.	No
RemainingOvertimeWork	The remaining overtime work projected to finish the task.	No
RemainingWork	The remaining work scheduled to complete the task.	No
Resume	The date that the task resumed.	No
ResumeValid	Whether the task can be resumed.	No
Rollup	Whether the task is rolled up.	No
Start	The scheduled start date of the task.	No
StartSlack	The amount of free slack at the start of the task.	No
StartVariance	The variance of the task start date from the baseline start date as minutes x 1000	No
StatusManager	The name of the task status manager.	No
Stop	The date that the task was stopped.	No
SubprojectName	The source location of the inserted project.	No
Summary	Whether the task is a summary task.	No
TotalSlack	The amount of total slack.	No
Type	The type of task. Values are Fixed Duration, Fixed Units and Fixed Work.	No
UID	The unique ID of the task.	No
WBS	The work breakdown structure code of the task.	No
WBSLevel	The rightmost WBS level of the task.	No
Work	The amount of scheduled work for the task.	No
WorkVariance	The variance of the task work from the baseline task work as minutes x 1000	No

## UnitOfMeasure

**Description:** The unit of measure provides definitions of units of measure for material resources.

Field	Description	Read-Only
MaterialLabel	The unit of measure for the material resource	No

Field	Description	Read-Only
ObjectId	The unique ID generated by the system.	No

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Oracle Primavera MSP Provider Data Dictionary

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