Workload Optimization Manager 3.3.2 REST API Changes

May 6, 2022

This document describes issues that result in changes to the REST API. It is a running list of changes that accumulates until the next release of the API Programming Guide. When we release a new version of the programming guide, it will include these changes. At that time, this list will start with new changes to the API.

Because the API is a full reflection of the Workload Optimization Manager product, some changes to the product necessarily cause changes in the API. This can include bug fixes and improvements to the product. For example, we might add new commodities that you can get for a given entity type. Or a bug fix might change the data that is returned by an API request. We strive to make these changes backward-compatible whenever possible.

In some instances, we must make changes that are not backward-compatible. In this case, we deprecate the change for a period of time that should be sufficient for you to understand the change and implement an alternative in your scripts.

- For a list of upcoming deprecations, see .

REST API Changes

- **Improvement:**

    Fix Version: 8.5.1

    The API includes a new LABEL commodity type.

    The `commodityType` enum includes a new `LABEL` commodity type.

API Deprecation Contract

The following endpoints, requests, DTOs, and parameters are deprecated in the Workload Optimization Manager API. The End of Life (EOL) gives the product version in which we will finalize these changes, and will no longer offer the deprecated items.

NOTE:
See the instructions for alternative usage for deprecated items with a defined EOL.

EOL: Not Determined

We deprecate the following features, but we have not determined which Workload Optimization Manager version marks their End of Life.

Endpoints	None
Requests	None
Request Parameters	None
DTOs	■ DTO: `ScenarioChangeApiDTO` Instruction: Use the `loadChanges` or `configChanges` parameters in the `ScenarioApiDTO`.
DTO Parameters	■ DTO: `ScenarioApiDTO` Parameter Name: `changes` Instruction: Use the `loadChanges` or `configChanges` parameters.

EOL: 8.6.1

Behavior Changes:

■ Pagination of Returned Data from `/search` requests:

For searches, the API paginates the returned data. If you do not specify a pagination limit, then the API returns pages set to the default limit. (This behavior was normalized all searches starting with version 8.5.1). Starting with version 8.6.1, the default and max pagination limits for search data will be 500. You can set pagination to less than 500, but if your search results include more than 500 entries, the results will be paginated. Your scripts should always check for a pagination cursor when processing search results.

We will make the following deprecation changes in the 8.6.1 release. These deprecated features will be removed from the API at that time.

Endpoints	None
Requests	None
Request Parameters	None
DTOs	■ `ReportScheduleApiDTO` This release will remove `ReportScheduleApiDTO`.
DTO Parameters	■ DTO: `ActionApiDTO` Parameter Name: `CurrentLocation` Instruction: The object in this parameter will only contain the following fields: — `links` — `uuid` — `className` — `displayName` — `discoveredBy` — `environmentType` — `vendorIDs`

■ DTO: `ActionApiDTO`

Parameter Name: `NewLocation`

Instruction: The object in this parameter will only contain the following fields:

— `links`

— `uuid`

— `className`

— `displayName`

— `discoveredBy`

— `environmentType`

— `vendorIDs`

■ DTO: `ProductVersionDTO`

Parameter Name: `buildUser`

Instruction: Deprecated with no replacement. This parameter was not set in the 8.x product family.

■ DTO: `GroupApiDTO`

Parameter Name: `remoteId`

Instruction: Deprecated with no replacement. This parameter was not set in the 8.x product family.

■ DTO: `UserApiDTO`

Parameter Names:

— `roleUuid`

— `roleName`

Instruction: Deprecated. Use the `roles` parameter in `UserApiDTO`.

EOL: 8.7.1

We will make the following deprecation changes in the 8.7.1 release. These deprecated features will be removed from the API at that time.

Endpoints	None
Requests	■ `DELETE /entities/<entityId>/tags/<tagKey>` Instead, use `DELETE /entities/<entityId>/tags?key=<tagKey>` ■ `DELETE /groups/<groupId>/tags/<tagKey>` Instead, use `DELETE /groups/<groupId>/tags?key=<tagKey>`
Request Parameters	None
DTOs	■ `LicenseApiInputDTO` Instruction: Use `LicenseApiDTO`.
DTO Parameters	■ DTO: `HttpProxyDTO` Parameter Name: `portNumber` Instruction: Use `proxyPortNumber`.

	■ DTO: `LogEntryApiDTO` Parameter Name: `reasonCommodity` Instruction: Use the array, `reasonCommodities`.

API Deprecation History

The following endpoints, requests, DTOs, and/or parameters have been deprecated in the Workload Optimization Manager API. The End of Life (EOL) gives the product version in which we finalized these changes, and no longer support the deprecated items.

EOL: 8.5.1

Behavior Changes:

■ Pagination of Returned Data

The default pagination will change for the following requests:

- `GET /groups`

- `GET /groups/<groupId>/members`

- `GET /groups/<groupId>/entities`

- `GET /targets/<targetId>/entities`

- `GET /tags`

- `GET /tags/{tagKey}/entities`

To paginate returned data, the `limit`, `orderBy`, and `cursor` parameters control how the APIs paginate their data. Currently if you specify any one of these parameters, the API paginates the returned data. If you do not specify any of these parameters, the API does not paginate the output, and it returns an unlimited set of data.

Starting with version 8.5.1, if you do not specify a `limit` for these requests, the API will paginate the data to a default limit. If your scripts make these requests without setting a limit, you should update them to check for a pagination cursor in the returned data.

We made the following deprecation changes in the 8.5.1 release. These deprecated features were removed from the API at that time.

Endpoints	None
Requests	■ Request: `GET /users/onetimepassword` Instruction: Deprecated with no replacement. This is not required for any Workload Optimization Manager activities.
Request Parameters	None
DTOs	None
DTO Parameters	None

EOL: 8.4.3

We made the following deprecation changes in the 8.4.3 release. These deprecated features were removed from the API at that time.

Endpoints	None

Requests	None
Request Parameters	■ Request: `GET /search` Parameter Name: `regex` Instruction: Use the `queryType` parameter.
DTOs	■ DTO: `StatPercentileApiDTO` Instruction: Use `StatHistUtilizationApiDTO`.
DTO Parameters	■ DTO: `ActionApiDTO` Parameter Name: `resizeToValue` Instruction: Use the `newValue` parameter. ■ DTO: `ActionScopesApiDTO` Parameter Name: `limitEntities` Instruction: Use the `limit` parameter. ■ DTO: `BillingFamilyApiDTO` Parameter Name: `uuidToNameMap` Instruction: Use the `businessUnitApiDTOList` parameter. ■ DTO: `BusinessUnitApiDTO` Parameter Name: `hasRelatedTarget` Instruction: Use the `associatedTargetId` parameter. ■ DTO: `ScopeUuidsApiInputDTO` Parameter Name: `topologyContextId` Instruction: Use the `marketId` parameter. ■ DTO: `StatApiDTO` Parameter Name: `percentile` Instruction: Use the `histUtilizations` parameter. ■ DTO: `TargetApiDTO` Parameter Name: `currentBusinessAccount` Instruction: Use the `associatedTargetId` parameter of the `BusinessUnitApiDTO`.