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# Turbonomic 8.2.0 REST API Changes

May 19, 2021

This document describes issues that result in changes to the REST API. It is a running list of changes that accumulates these changes 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, the list will start with new change to the API.

Because the API is a full reflection of the Turbonomic 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.

## API Deprecation Contract

The following endpoints, requests, DTOs, and/or parameters are deprecated and will be removed from the Turbonomic API in the specified version. This page serves as a contract outlining when these items will be removed.

### EOL: 8.4.1

Endpoints	None
Requests	None
Request Parameters	<ul style="list-style-type: none"><li>Request: GET /search Parameter Name: <code>regex</code> Instruction: Use the <code>queryType</code> parameter.</li></ul>
DTOs	<ul style="list-style-type: none"><li>DTO: <code>ScenarioChangeApiDTO</code> Instruction: Use the <code>loadChanges</code> or <code>configChanges</code> parameters in the <code>ScenarioApiDTO</code>.</li></ul>

	<ul style="list-style-type: none"> <li>• DTO: StatPercentileApiDTO Instruction: Use StatHistUtilizationApiDTO.</li> </ul>
<p>DTO Parameters</p>	<ul style="list-style-type: none"> <li>• DTO: ActionApiDTO Parameter Name: <code>resizeToValue</code> Instruction: Use the <code>newValue</code> parameter.</li> <li>• DTO: ActionScopesApiDTO Parameter Name: <code>limitEntities</code> Instruction: Use the <code>limit</code> parameter.</li> <li>• DTO: BillingFamilyApiDTO Parameter Name: <code>uuidToNameMap</code> Instruction: Use the <code>businessUnitApiDTOList</code> parameter.</li> <li>• DTO: BusinessUnitApiDTO Parameter Name: <code>hasRelatedTarget</code> Instruction: Use the <code>associatedTargetId</code> parameter.</li> <li>• DTO: ScenarioApiDTO Parameter Name: <code>changes</code> Instruction: Use the <code>loadChanges</code> or <code>configChanges</code> parameters.</li> <li>• DTO: ScopeUuidsApiInputDTO Parameter Name: <code>topologyContextId</code> Instruction: Use the <code>marketId</code> parameter.</li> <li>• DTO: StatApiDTO Parameter Name: <code>percentile</code> Instruction: Use the <code>histUtilizations</code> parameter.</li> <li>• DTO: TargetApiDTO Parameter Name: <code>currentBusinessAccount</code> Instruction: Use the <code>associatedTargetId</code> parameter of the <code>BusinessUnitApiDTO</code>.</li> </ul>

## REST API Changes

- **Fixed Issue:**  
Fix Version: 8.2.0  
**Customer Issue**

**After the license has been exceeded, you can still add targets via the API.**

Turbonomic licensing specifies the number of workloads you can manage via targets. However, if you exceed the licensed capacity of workloads, you can still add new targets via the API, which increases the workload count.