Platform SDK Developer's Guide

CfgStatTable

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CfgStatTable

Description

Statistical Tables are groups of Statistical Days that represent statistically-modeled performances of Agent Groups over a calendar period of up to one year.

Call-processing applications can use Statistical Tables to provide load balancing between Agent Groups when the real-time statistics for those groups are unavailable.

Filter Keys

Filter Name	Type	Description
tenant_dbid	int	A unique identifier of a tenant. If specified, Configuration Server will return information only about the tables that are defined within this tenant.
table_type	int	Type of the table. If specified, Configuration Server will return information only about the tables of this type.
group_dbid	int	A unique identifier of a group. If specified, Configuration Server will return information only about the tables assigned to this group.
state	int	Current state of a stat table (see CfgObjectState). If specified, Configuration Server will return information only about tables that are currently in this state.
dbid	int	A unique identifier of a table. If specified, Configuration Server will return information only about this table.
name	string	Name of a table. Shall be specified as a character string. If specified, Configuration Server will return information only about the table(s) with that name.
stat_day_dbid	int	A unique identifier of a stat day. If specified, Configuration Server will return information only about the tables containing this stat

Filter Name	Type	Description
		day.

Attributes

- DBID — An identifier of this object in the Configuration Database. Generated by Configuration Server and is unique within an object type. Identifiers of deleted objects are not used again. Read-only.

- tenantDBID — A unique identifier of the Tenant that this table is defined for. Mandatory. Once specified, cannot be changed.

- name — A pointer to the name of the table. Mandatory. Must be unique within the tenant.

- type — Type of stat table. Once specified, cannot be changed. Refer to CfgStatTableType.

- statDayDBIDs — A pointer to the list of identifiers of the Statistical Days that constitute the table. When used as an entry in CfgDeltaStatTable (see below), it is a pointer to a list of days added to the existing list.

- state — Current object state. Mandatory. Refer to CfgObjectState.

- userProperties — A pointer to the list of user-defined properties. Parameter `userProperties` has the following structure: Each key-value pair of the primary list (`TKVList *userProperties`) uses the key for the name of a user-defined section, and the value for a secondary list, that also has the `TKVList` structure and specifies the properties defined within that section.

- waitThreshold — The time the Universal Routing Server can wait until the corresponding resources become available.

- flatRate — A flat rate measured in cost units.

- agentHourlyRate — The hourly rate for an agent. This value is used only for Variable Rate Contracts.

- useFlatRate — Flag determining whether flatRate (`CFGTrue`) or agentHourlyRate (`CFGFalse`) should be selected. Refer to CfgFlag.

Comments

Deletion of Stat Table X will cause the following events set out in the order of arrival:

- Modification of `capacityTableDBID` or `quotaTableDBID` of all agent groups that were associated with Stat Table X

- Modification of `capacityTableDBID` or `quotaTableDBID` of all place groups that were associated with Stat Table X

- Modification of `capacityTableDBID` or `quotaTableDBID` of all DN groups that were associated with Stat Table X

- Deletion of Stat Table X

XML Representation

> **Tip**
>
> This XML was created using the Configuration Server 7.5 schema.

```
<CfgStatTable>
        <DBID value="106" />
        <tenantDBID value="101" />
        <name value="az" />
        <type value="5" />
        <state value="1" />
        <userProperties>
                <list_pair key="Property">
                        <str_pair key="key" value="value" />
                </list_pair>
        </userProperties>
        <waitThreshold value="0" />
        <flatRate value="0" />
        <agentHourlyRate value="0" />
        <useFlatRate value="2" />
</CfgStatTable>
```

See Also

CfgDeltaStatTable

CfgStatDay