

## Configuring Scripts That Update Accounts

You can set up scripts to update balances in the accounts from which the usage of a service is charged and update accounts by assigning values to variables for the account balances.

You can create or delete account update scripts:

- To add a script, click **Add Account Update Script**, enter a name for the script in the Add Account Update Script field that appears, and click **Create**.
- To delete a script, click **Delete** next to the script that you want to delete.

Database Engine Processor

Disable

Name	Value		
	Account Update Script Name	Account Update Script Content	
Account Update Script ⓘ	DebitBehavingUsage	<pre>var newBalance = Math.min(&lt;balance_Bucket&gt;-&lt;currentUsage&gt;, &lt;balance_Bucket&gt; = newBalance&lt;0?-1073741824:newBalance; &lt;lastUpdateTime_Bucket&gt;=&lt;currentTime&gt;;</pre>	Delete
	DebitMisbehavingUsag	<pre>&lt;balance_Bucket&gt;=Math.max(&lt;balance_Bucket&gt;-&lt;currentUsage&gt;, &lt;lastUpdateTime_Bucket&gt;=&lt;currentTime&gt;;</pre>	Delete
	RefillBucketWithBeha	<pre>var bucketFill = (&lt;currentTime&gt;-&lt;lastUpdateTime_Bucket&gt;)*3 &lt;balance_Bucket&gt;=Math.min(&lt;balance_Bucket&gt;+bucketFill, 214 &lt;lastUpdateTime_Bucket&gt;=&lt;currentTime&gt;;</pre>	Delete
	RefillBucketWithMisb	<pre>var bucketFill = (&lt;currentTime&gt;-&lt;lastUpdateTime_Bucket&gt;)*1 &lt;balance_Bucket&gt;=Math.min(&lt;balance_Bucket&gt;+bucketFill, 214 if(&lt;balance_Bucket&gt;&gt;0) &lt;balance_Bucket&gt;=&lt;balance_Bucket&gt;/1775.3668*3550.7336; &lt;lastUpdateTime_Bucket&gt;=&lt;currentTime&gt;;</pre>	Delete
Add Account Update Script			

- Related Topics**
- Configuring the SRC-VTA to Run Scripts
  - Configuring the SRC-VTA to Manage Database Accounts
  - Example of a Bucket VTA

### Account Update Script Name

- Name of the script.
- Value—Name of a script
- Default—No value

### Account Update Script Content

- JavaScript program that updates a subscriber's account. The script can refer to the attribute name of any attributes in the event being processed.
- Value—Fields of an account can be updated by assigning values to the following parameters:
  - `balance_<accountName>` —Values written to this parameter are put in the balance field of the account.
  - `status_<accountName>` —Values written to this parameter are put in the status field of the account.
  - `lastUpdateTime_<accountName>` —Values written to this parameter are put in the `last_update_time` field of the account.
- Example— `<balance_PeriodicQuota> = <balance_PeriodicQuota> - \<currentUsage> ; <lastUpdateTime_PeriodicQuota> = <currentTime> ;`