

Configuring the SRC-VTA to Manage Database Accounts

The SRC-VTA uses the database engine processor to update database accounts. The database engine processor works as a proxy to a database. It can calculate usage, update account balances, get account and active service session data, and set initial balances of subscriber accounts. You can also use it to dynamically adjust interim accounting intervals based on a service or based on a subscriber's remaining resources and use of the network for that service.

The database engine processor consists of account update scripts, subscriber accounts, service accounts, and actions.

To configure the database engine processor:

1. In the VTA Configuration Manager navigation pane, select **Edit**.
2. Under Current Configuration, select **Processors**.

A list of processors appears.

The screenshot displays the Juniper VTA Configuration Manager web interface. At the top, the Juniper Networks logo is on the left, and 'VTA Configuration Manager' and 'Edit Configuration' are on the right. A navigation pane on the left contains links: Home, Dir Connection, Configuration (expanded), Create, Edit (selected), Load, Commit, Import, and Export. The main content area is titled 'Current Configuration' and has three tabs: Event Handlers, Actions, and Processors (selected). Under 'Quota VTA Processors', there are four entries: 'Database Engine Processor' with a 'Disable' button, 'Mailer Processor' with an 'Enable' button, 'SAE Proxy Processor' with a 'Disable' button, and 'Script Runner Processor' with an 'Enable' button. The Juniper 'yourNet' logo is at the bottom right.

3. Click **Enable** to enable the processor and display the configuration page for the database engine processor, or click **Database Engine Processor**.

The Database Engine Processor screen appears.

Current Configuration

[Event Handlers](#)
[Actions](#)
[Processors](#)

Quota VTA Processors

Database Engine Processor Disable

Name	Value									
Account Update Script	<table border="1"> <thead> <tr> <th>Account Update Script Name</th> <th>Account Update Script Content</th> <th></th> </tr> </thead> <tbody> <tr> <td>DebitQuotaUsage</td> <td> <pre>var newPeriodicBalance=0; var newBoughtBalance=0; if(<currentUsage>=<balance_PeriodicQuota>){ newPeriodicBalance=<balance_PeriodicQuota>-<currentUsage> newBoughtBalance=<balance_BoughtQuota>; }</pre> </td> <td>Delete</td> </tr> <tr> <td colspan="3">Add Account Update Script</td> </tr> </tbody> </table>	Account Update Script Name	Account Update Script Content		DebitQuotaUsage	<pre>var newPeriodicBalance=0; var newBoughtBalance=0; if(<currentUsage>=<balance_PeriodicQuota>){ newPeriodicBalance=<balance_PeriodicQuota>-<currentUsage> newBoughtBalance=<balance_BoughtQuota>; }</pre>	Delete	Add Account Update Script		
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Save

Database Engine Account

PeriodicQuota	Delete
BoughtQuota	Delete
New Database Engine Account	Create

Database Engine Service

QuotaLocal	Delete
QuotaInternet	Delete
New Database Engine Service	Create

4. You can enable or disable the processor and perform the following tasks:
 - Configuring Scripts That Update Accounts
 - Configuring the SRC-VTA to Manage Subscriber Accounts
 - Configuring a Usage Metric for Service Accounts
 - Adjusting the Interim Accounting Interval for a Service
 - Configuring Actions for the Database Engine Processor