

Configuring the SRC-VTA to Manage Database Accounts

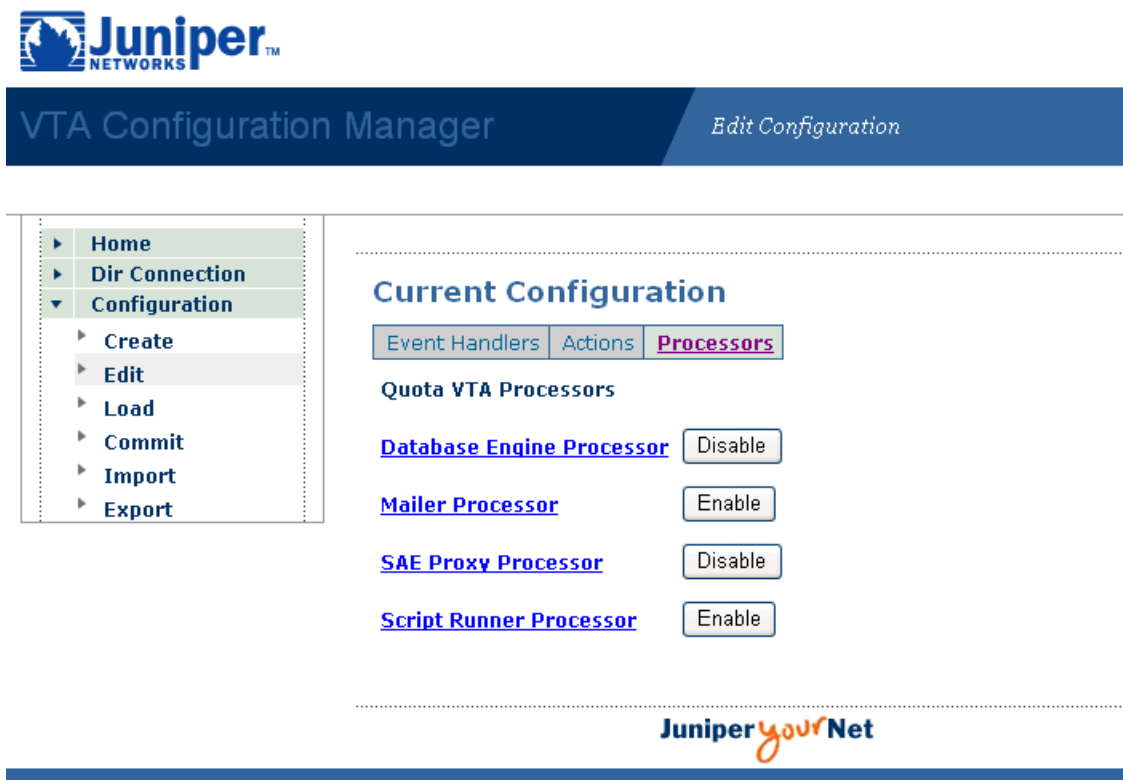
The SRC-VTA uses the database engine processor to update database accounts. The database engine processor works as a proxy to a database. It can calculate usage, update account balances, get account and active service session data, and set initial balances of subscriber accounts. You can also use it 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.



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	Account Update Script Name	Account Update Script Content
	<div>DebitQuotaUsage</div>	<pre>var newPeriodicBalance=0; var newBoughtBalance=0; if(<currentUsage><=<balance_PeriodicQuota>){ newPeriodicBalance=<balance_PeriodicQuota>-<currentUsage> newBoughtBalance=<balance_BoughtQuota>; }</pre> <div>Add Account Update Script</div>
<div>Save</div>		

Database Engine Account

PeriodicQuota	Delete
BoughtQuota	Delete
New Database Engine Account	<input type="text"/> <div>Create</div>

Database Engine Service

QuotaLocal	Delete
QuotaInternet	Delete
New Database Engine Service	<input type="text"/> <div>Create</div>

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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

Related Topics

- Database Engine Processor Fields
- Accessing the VTA Configuration
- Troubleshooting Database Deadlocks