**Resource: optimization**

Settings for the SteelHead optimization service

```
http://{device}/api/sh.optimization/1.0/optimization
```

### JSON

```
{
  "service_state": string,
  "restart_needed": boolean,
  <prop>: any
}
```

<table>
<thead>
<tr>
<th>Property Name</th>
<th>Type</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>optimization</td>
<td>&lt;object&gt;</td>
<td>Settings for the SteelHead optimization service</td>
<td></td>
</tr>
<tr>
<td>optimization.service_state</td>
<td>&lt;string&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>optimization.restart_needed</td>
<td>&lt;boolean&gt;</td>
<td>Some settings may not take effect until the optimization service is restarted.</td>
<td>Read-only; Optional;</td>
</tr>
<tr>
<td>optimization.&lt;prop&gt;</td>
<td>&lt;any&gt;</td>
<td></td>
<td>Optional;</td>
</tr>
</tbody>
</table>

**Links**

**optimization: get**

GET http://{device}/api/sh.optimization/1.0/optimization

Response Body

Returns an `optimization` data object.

**optimization: stop**

Stop the optimization service.

POST http://{device}/api/sh.optimization/1.0/optimization/stop

Request Body

Do not provide a request body.

Response Body

On success, the server does not provide any body in the responses.

**optimization: restart**

Start/Restart the optimization service. Can be used whether the optimization service is currently running or not.

POST http://{device}/api/sh.optimization/1.0/optimization/restart

Request Body

Provide a request body with the following structure:

```
{
  "clear_cache": boolean,
  <prop>: any
}
```

<table>
<thead>
<tr>
<th>Property Name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>optimization.links.restart.request</td>
<td>&lt;object&gt;</td>
<td></td>
</tr>
<tr>
<td>optimization.links.restart.request.clear_cache</td>
<td>&lt;boolean&gt;</td>
<td>Optional;</td>
</tr>
</tbody>
</table>
Response Body

On success, the server does not provide any body in the responses.