

# SteelHead Optimization Service v1.0

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## 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
}
```

Property Name	Type	Description	Notes
<i>optimization</i>	<object>	Settings for the SteelHead optimization service	
<i>optimization.service_state</i>	<string>		Read-only; Optional; Values: running, stopped, stopping, unknown;
<i>optimization.restart_needed</i>	<boolean>	Some settings may not take effect until the optimization service is restarted.	Read-only; Optional;
<i>optimization.&lt;prop&gt;</i>	<any>		Optional;

## 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:

### JSON

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

Property Name	Type	Description	Notes
<i>optimization.links.restart.request</i>	<object>		
<i>optimization.links.restart.request.clear_cache</i>	<boolean>		Optional;

<code>optimization.links.restart.request. &lt;prop&gt;</code>	<code>&lt;any&gt;</code>		Optional;
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### Response Body

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