

Import and Export Health Rule Configurations

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You can export your health configurations from one application to another using a special AppDynamics REST API. This capability allows you to re-use health rule configurations in different applications instead of re-configuring each application manually from the AppDynamics console.

Exporting Health Rules from an Application

Exports are HTTP GET operations.

To export the configurations for all health rules in an application

`http://<controller-host>:<controller-port>/controller/healthrules/<application-name|application-id>`

Example

```
http://pml.appdynamics.com:80/controller/healthrules/3
```

produces the output in [all_health_rules](#).

To export the configuration for a single health rule

`http://<controller-host>:<controller-port>/controller/healthrules/<application-name|application-id>?name=<health_rule_name>`

For example:

```
http://pml.appdynamics.com/controller/healthrules/3?name=Business Transaction response time is much higher than normal
```

produces the output in [one_health_rule](#).

Importing Health Rules to an Application

Exports are HTTP POST operations.

After you have exported health rules you can import them to a different application passing the xml file created by the export operation as payload to the POST. You can modify the exported file before you import it. You might want to do this to add or remove one or more health rule configurations or to change their names.

Use UTF-8 URL encoding of the URI before posting; for example, do not replace a space (" ") with "%20" in the URI.

The default behavior is not to overwrite an existing health rule of the same name. If you want to overwrite an existing health rule of the same name, specify the **overwrite=true** parameter. since the default is **false**.

The syntax is the same for importing one health rule configurations or several. All the health rule configurations in the xml files are imported.

To import the configurations for health rules in an application

`http://<controller-host>:<controller-port>/controller/healthrules/<application-name|application-id>?overwrite=true|false`

This example imports the health rule in the uploaded file, overwriting any health rules of the same name.

The screenshot shows a web interface for performing an HTTP POST request. The URL bar contains `http://pm1.appdynamics.com:80/controller/healthrules/3?overwrite=true`. Below the URL bar, there are radio buttons for selecting the HTTP method: GET, POST (selected), PUT, PATCH, DELETE, HEAD, OPTIONS, and Other. There are also tabs for 'Raw', 'Form', and 'Headers'. The 'Payload' section is active, showing a file upload area with a 'Choose Files' button, a file named 'all_health_rules' (30.8 KB), and a 'fileUpload' button. At the bottom, there is a dropdown menu set to 'application/xml' with a note: 'Set "Content-Type" header to overwrite this value.'

The next example imports the health rules without overwriting. In this case, any health rules in the destination controller that have the same names as health rules in the all_health_rules file are not overwritten.

The screenshot shows a web client interface for configuring an HTTP request. The URL bar contains `http://pm1.appdynamics.com:80/controller/healthrules/3`. The request method is set to **POST**. Below the method selection are tabs for **Raw**, **Form**, and **Headers**. The **Headers** tab is active, but the header content area is empty. Below the headers section are tabs for **Raw**, **Form**, **Files (1)**, and **Payload**. The **Files (1)** tab is active, showing a file upload field. The field contains a file named `all_health_rules` with a size of `30.8 KB`. The file name is displayed in a text box, and the file type is `fileUpload`. A `Choose Files` button is visible to the left of the file name. Below the file upload section is a dropdown menu set to `application/xml` with a note: *Set "Content-Type" header to overwrite this value.*

Learn More

- [Configure Health Rules](#)
- [Import and Export Transaction Detection Configuration for Java](#)