

Config.set

<https://campus.barracuda.com/doc/76285046/>

Use this method to set the values of variables in the system configuration. This method sets the variables(s) with the given values(s) for the object of type \$type, identified by \$path.

Parameters Allowed

The following variables are used by the config.set method and should be provided as part of the request XML in the HTTP POST request:

- **password** – A required parameter which the API uses to authenticate access to a page and which is set by your administrator.
- **type** – A required parameter that specifies the class/scope of an object.
- **path** – A required parameter that is the qualified name of an object for which the values are to be set.
- **variable list** – This is a required parameter that tells the API what variables are to be set and the corresponding values.

Example 1: Set the value for a scoped object under global scope

Set the value for a scoped object under global scope. This example sets the value of **Spam Score limit** block level to '4' for the xyz.com domain. In the web interface, this value would be set from the **BASIC > Spam Checking** page after clicking on the **Manage Domain** link for xyz.com on the **DOMAINS** page.

Arguments

- type: 'domain',
- path: 'xyz.com'
- variable list: scan_a_pd_block_level = 4

Sample Request

```
<?xml version="1.0" encoding="UTF8"?>
<methodCall>
  <methodName>config.set</methodName>
  <params>
    <param>
      <value>
```

```
<struct>
  <member>
    <name>scana_pd_block_level</name>
    <value>
      <i4>4</i4>
    </value>
  </member>
  <member>
    <name>path</name>
    <value>
      <string>
        <![CDATA[xyz.com]]>
      </string>
    </value>
  </member>
  <member>
    <name>type</name>
    <value>
      <string>
        <![CDATA[domain]]>
      </string>
    </value>
  </member>
</struct>
</value>
</param>
</params>
</methodCall>
```

Response

```
OK <?xml version="1.0" encoding="UTF8"?>
<methodResponse>
  <params>
    <param>
      <value>
        <struct>
          <member>
            <name>Result</name>
            <value>
              <string>
                <![CDATA[200: OK]]>
              </string>
            </value>
          </member>
        </struct>
      </value>
    </param>
  </params>
</methodResponse>
```

```
</struct>
</value>
</param>
</params>
</methodResponse>
```

Example 2: Set values for several variables under global scope

Set the values of `https_port` to '443' and `mta_rate_control` to '40'. The value for **Web Interface HTTPS/SSL** port can be set on the **ADVANCED > Secure Administration** page of the web interface, and the value of **Rate Control** is set on the **BLOCK/ACCEPT > Rate Control** page. These variables appear in the configuration like this (values not yet set):

- # HTTPS Web Interface Port
- `https_port =`
- # Maximum Connections By IP Per 30 Minutes
- `mta_rate_control =`

Arguments

- type: 'global'
- path: ''
- variable list: `https_port => 443, mta_rate_control => 40`

Sample Request

```
<?xml version="1.0" encoding="UTF8"?>
<methodCall>
<methodName>config.set</methodName>
<params>
<param>
<value>
<struct>
<member>
<name>https_port</name>
<value>
<i4>443</i4>
</value>
</member>
<member>
<name>mta_rate_control</name>
<value>
<i4>40</i4>
```

```
</value>
</member>
<member>
  <name>path</name>
  <value>
    <string></string>
  </value>
</member>
<member>
  <name>type</name>
  <value>
    <string>
      <![CDATA[global]]>
    </string>
  </value>
</member>
</struct>
</value>
</param>
</params>
</methodCall>
```

Example 3: Set the value of a global tied variable

Set the value of `httpd_acl_ip_config_netmask` to `255.255.128.0` for the `httpd_acl_ip_config_address` of `192.168.130.222`. Note that these variables are available in the configuration only if you have entered values for **Allowed API IP/Range** in the **BASIC > Administration** page, and would appear in the configuration like this:

- # API/SNMP IP Address List
- `httpd_acl_ip_config_address = 192.168.130.222`
- # API/SNMP IP Netmask List
- `httpd_acl_ip_config_netmask =`

Arguments

- type: `'httpd_acl_ip_config_address'`
- path: `'192.168.130.222'`
- variable-value list: `httpd_acl_ip_config_netmask =255.255.128.0`

Sample Request

```
<?xml version="1.0" encoding="UTF8"?>
<methodCall>
```

```
<methodName>config.set
</methodName>
<params>
  <param>
    <value>
      <struct>
        <member>
          <name>
            httpd_acl_ip_config_netmask
          </name>
          <value>
            <string>
              <![CDATA[255.255.128.0]]>
            </string>
          </value>
        </member>
        <member>
          <name>path</name>
          <value>
            <string>
              <![CDATA[192.168.130.222]]>
            </string>
          </value>
        </member>
        <member>
          <name>type</name>
          <value>
            <string>
              <![CDATA[httpd_acl_ip_config_address]]>
            </string>
          </value>
        </member>
      </struct>
    </value>
  </param>
</params>
</methodCall>
```

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