



# Config.get - Tied Variable Examples

The config.get method can also be used to get the values of variables that are dependent upon, or "tied to" other variables.

## Example 1: Get the value of a global tied variable

This example gets the netmask value, httpd\_acl\_ip\_config\_netmask, tied to the **Allowed API IP/Range** value, httpd\_acl\_ip\_config\_address, set on the **BASIC > Administration** page. These IP addresses allow access to the Barracuda Email Security Gateway via SNMP queries to retrieve error information or to administer the system via the API. In the request, the IP address is specified in the path. These variables appear in the configuration like this:

- # API/SNMP IP Address List
- httpd\_acl\_ip\_config\_address = 192.168.1.1
- # API/SNMP IP Netmask List
- httpd\_acl\_ip\_config\_netmask = 255.255.128.0

## Arguments

- type: httpd\_acl\_ip\_config\_address
- path: 192.168.1.1
- variable: httpd\_acl\_ip\_config\_netmask

## Sample Request

```
<?XML version="1.0" encoding="UTF8"?>
  <methodCall>
    <methodName>config.get</methodName>
    <params>
      <param>
        <value>
          <struct>
            <member>
              <name>variable</name>
              <value><string> <![CDATA[httpd_acl_ip_config_netmask]]> </string>
            </member>
            <member>
              <name>path</name>
              <value><string>< ![CDATA[global]]> ></string>
            </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>
        <string>![CDATA[255.255.128.0]]</string>
      </value>
    </param>
  </params>
</methodResponse>
```

### Example 2: Get the value of a global tied variable

This example gets the action (Block, Tag, Quarantine) currently assigned to a custom reputation blocklist (RBL) which can be set from the **BLOCK/ACCEPT > IP Reputation** page in the web interface. The call gets the value of the `mta_rbl_custom_action` variable, which is set to "Block", corresponding to the `mta_rbl_custom_name` `sbl.spamblocklist.org`, which is under global scope. These variables appear in the configuration like this:

- # Custom RBL Action List
- `mta_rbl_custom_action = Block`
- # Custom RBL List
- `mta_rbl_custom_name = sbl.spamblocklist.org`

### Arguments

- type: 'mta\_rbl\_custom\_name'
- path: 'sbl.spamblocklist.org'
- variable: 'mta\_rbl\_custom\_action'

### Sample Request

```
<?XML version="1.0" encoding="UTF8"?>
<methodCall>
  <methodName>config.get</methodName>
  <params>
    <param>
      <value>
        <struct>
          <member>
            <name>variable</name>
            <value>
              <string><![CDATA[mta_rbl_custom_action]]</string>
            </value>
          </member>
          <member>
            <name>path</name>
            <value>
              <string><![CDATA[sbl.spamblocklist.org]]</string>
            </value>
          </member>
        </struct>
      </value>
    </param>
  </params>
</methodCall>
```



```

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

```

### Response

```

<?XML version="1.0" encoding="UTF8"?>
<methodResponse>
  <params>
    <param>
<value>
  <string><![CDATA[Block]]></string>
</value>
    </param>
  </params>
</methodResponse>

```

### Example 3: Get the value of a per-domain tied variable

This example gets the netmask currently assigned to a configured IP whitelist, which can be set from the **BLOCK/ACCEPT > IP Filters** page in the web interface. The call gets the value of the `mta_acl_ip_allow_netmask` variable, which is set to "255.255.255.255", corresponding to the `mta_acl_ip_allow_address` 2.2.2.2, which is under domain scope with `scope_data` of `thisdomain.net`. These variables appear in the configuration like this:

- # Whitelist Netmask
- `mta_acl_ip_allow_netmask = 255.255.255.255`
- # Whitelist Address
- `mta_acl_ip_allow_address = 2.2.2.2`

### Arguments

- type: 'mta\_acl\_ip\_allow\_address'
- path: 'thisdomain.net:2.2.2.2'
- variable: 'mta\_acl\_ip\_allow\_comment'

### Sample Request

```

<?XML version="1.0" encoding="UTF8"?>
<methodCall>
  <methodName>config.get</methodName>
<params>
  <param>
    <value>
      <struct>
        <member>

```



```
<name>variable</name>
  <value><string> <![CDATA[mta_acl_ip_allow_comment]]> </string>
</value>
</member>
  <member>
    <name>path</name>
    <value><string><![CDATA[thisdomain.net:2.2.2.2]]></string>
  </value>
</member>
  <member>
    <name>type</name>
    <value>
      <string><![CDATA[mta_acl_ip_allow_address]]></string>
    </value>
  </member>
</struct>
</param>
</params>
</methodCall>
```

**Response**

```
OK <?XML version="1.0" encoding="UTF8"?>
<methodResponse>
  <params>
    <param>
      <value>
        <string><![CDATA[255.255.255.255]]></string>
      </value>
    </param>
  </params>
</methodResponse>
```

