

Config.get - Tied Variable Examples

<https://campus.barracuda.com/doc/76285207/>

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>
                    </value>
                </member>
            </value>
        </param>
    </params>
</methodCall>
```

```
<member>
    <name>path</name>
    <value><string><! [CDATA[ * 192.168.1.1 * ]]></string>

    </value>
</member>
<member>
    <name>type</name>
    <value>
        <string><! [CDATA[httpd_acl_ip_config_address]]></string>

    </value>
</member>
</struct>
</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 block list (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>
                    <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 Allow List, 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:

- # Allow List Netmask
- `mta_acl_ip_allow_netmask = 255.255.255.255`
- # Allow List 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>
```

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