




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f5.bigip.tm.uuu

Module contents

BIG-IP® Utility (util) module

REST URI

http://localhost/mgmt/tm/util/

GUI Path

System

REST Kind

N/A - HTTP GET returns an error

Submodule List

<code>bash</code>	BIG-IP® utility module
<code>clientssl_ciphers</code>	BIG-IP® utility module
<code>dig</code>	BIG-IP® utility module
<code>get_dossier</code>	BIG-IP® utility module
<code>qkview</code>	BIG-IP® utility module
<code>serverssl_ciphers</code>	BIG-IP® utility module
<code>unix_ls</code>	BIG-IP® utility module
<code>unix_mv</code>	BIG-IP® utility module
<code>unix_rm</code>	BIG-IP® utility module

```
class f5.bigip.tm.util.Util(bigip) \[source\]
```

Bases: `f5.bigip.resource.PathElement`

raw

Display the attributes that the current object has and their values.

Returns: A dictionary of attributes and their values

Submodules

bash

BIG-IP® utility module

REST URI

```
http://localhost/mgmt/tm/util/bash
```

GUI Path

N/A

REST Kind

tm:util:bash:*

```
class f5.bigip.tm.util.bash.Bash(util) [source]
```

Bases: `f5.bigip.resource.UnnamedResource`, `f5.bigip.mixins.CommandExecutionMixin`

BIG-IP® utili'



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Note

This is an unnamed resource so it has no ~Partition~Name pattern at the end of its URI.

```
exec_cmd(command, **kwargs) \[source\]
```

Wrapper method that can be changed in the inheriting classes.

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

load(kwargs)**

Load is not supported for command execution

Raises:

UnsupportedOperation

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns:

A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

This method makes an HTTP GET query against the device service. This method is run for its side-effects on self. If successful the instance attribute `__dict__` is replaced with the dict representing the device state. To figure out what that state is, run a subsequest query of the object like this: As with all CURDLE methods use a “requests_params” dict to pass parameters to `requests.session.HTTPMETHOD`. See `test_requests_params.py` for an example. `>>> resource_obj.refresh() >>> print(resource_obj.raw)`

```
update(**kwargs)
```

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.


The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with `kwargs`. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Ke

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according to that API.

clientssl_ciphers

BIG-IP® utility module

REST URI

<http://localhost/mgmt/tm/util/clientssl-ciphers>

GUI Path

N/A

REST Kind

```
tm:util:clientssl-ciphers:*
```

```
class f5.bigip.tm.util.clientssl_ciphers.Clientssl_Ciphers(util) \[source\]
```

Bases: `f5.bigip.resource.UnnamedResource`, `f5.bigip.mixins.CommandExecutionMixin`

BIG-IP® utility command

Note

This is an unnamed resource so it has no ~Partition~Name pattern at the end of its URI.

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
exec_cmd(command, **kwards)
```

Wrapper method that can be changed in the inheriting classes.

```
load(**kwargs)
```

Load is not supported for command execution

Raises:

UnsupportedOperation

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns:

A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

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This is the latest development version

Some features may not yet be available in the published stable version.
Read the [stable version of this documentation](#).

```
update(**kwargs)
```

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.

The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with `kwargs`. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

If kwargs has a `requests_params` key the corresponding dict will be passed to the underlying `requests.session.put` method where it will be handled according to that API.

dig

BIG-IP® utility module

REST URI

http://localhost/mgmt/tm/util/dig

GUI Path

N/A

REST Kind

tm:util:dig:*

```
class f5.bigip.tm.util.dig.Dig(util) \[source\]
```

Bases: `f5.bigip.resource.UnnamedResource`, `f5.bigip.mixins.CommandExecutionMixin`

BIG-IP® utility command

Note

This is an unnamed resource so it has no ~Partition~Name pattern at the end of its URI.

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
exec_cmd(command, **kwargs)
```

Wrapper

```
load(**kwargs
```

Load is not supported for command execution

Raises: `UnsupportedOperation`

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns: A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

This method makes an HTTP GET query against the device service. This method is run for its side-effects on self. If successful the instance attribute `__dict__` is replaced with the dict representing the device state. To figure out what that state is, run a subsequest query of the object like this: As with all CURDLE methods use a “requests_params” dict to pass parameters to `requests.session.HTTPMETHOD`. See `test_requests_params.py` for an example. `>>> resource_obj.refresh() >>> print(resource_obj.raw)`

```
update(**kwargs)
```

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.

The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with kwargs. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

If kwargs has a `requests_params` key the corresponding dict will be passed to the underlying `requests.session.put` method where it will be handled according to that API.

get_dossier

BIG-IP® utility module

REST URI

http://localhost/mgmt/tm/util/get-dossier

GUI Path

N/A

REST Kind

tm:util:get-dossier:*

```
class f5.bigip.tm.util.get_dossier.Get_Dossier(util) [source]
```

Bases: `f5.bigip.resource.UnnamedResource`, `f5.bigip.mixins.CommandExecutionMixin`

BIG-IP® utility command

Note



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This is an u
URI.

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
exec_cmd(command, **kwargs)
```

Wrapper method that can be changed in the inheriting classes.

load(kwargs)**

Load is not supported for command execution

Raises:

UnsupportedOperation

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns:

A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

This method makes an HTTP GET query against the device service. This method is run for its side-effects on self. If successful the instance attribute `__dict__` is replaced with the dict representing the device state. To figure out what that state is, run a subsequest query of the object like this: As with all CURDLE methods use a “requests_params” dict to pass parameters to `requests.session.HTTPMETHOD`. See `test_requests_params.py` for an example. `>>> resource_obj.refresh() >>> print(resource_obj.raw)`

update(kwargs)**

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.


The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with `kwargs`. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

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qkview

BIG-IP® utility module

REST URI

<http://localhost/mgmt/tm/util/qkview>

GUI Path

N/A

REST Kind

```
tm:util:qkview:*
```

```
class f5.bigip.tm.util.qkview.Qkview(util) \[source\]
```

Bases: `f5.bigip.resource.UnnamedResource`, `f5.bigip.mixins.CommandExecutionMixin`

BIG-IP® utility command

Note

This is an unnamed resource so it has no ~Partition~Name pattern at the end of its URI.

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
exec_cmd(command, **kwargs)
```

Wrapper method that can be changed in the inheriting classes.

load(kwargs)**

Load is not supported for command execution

Raises:

UnsupportedOperation

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns:

A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.


```
exec_cmd(command, **kwargs)
```

Wrapper

```
load(**kwargs
```

Load is not supported for command execution

Raises: `UnsupportedOperation`

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns: A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

This method makes an HTTP GET query against the device service. This method is run for its side-effects on self. If successful the instance attribute `__dict__` is replaced with the dict representing the device state. To figure out what that state is, run a subsequest query of the object like this: As with all CURDLE methods use a “requests_params” dict to pass parameters to `requests.session.HTTPMETHOD`. See `test_requests_params.py` for an example.

```
>>> resource_obj.refresh() >>>
print(resource_obj.raw)
```

update(kwargs)**

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.

The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with `kwargs`. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

If kwargs has a `requests_params` key the corresponding dict will be passed to the underlying `requests.session.put` method where it will be handled according to that API.

unix_ls

BIG-IP® utility module

REST URI

<http://localhost/mgmt/tm/util/unix-ls>

GUI Path

N/A

REST Kind

tm:util:unix-ls:*

```
class f5.bigip.tm.util.unix_ls.Unix_Ls(util) [source]
```


Bases: `f5.bigip.resource.UnnamedResource` , `f5.bigip.mixins.CommandExecutionMixin`

```
create(**kwargs)
```

Create is

Raises:

Unsupported method. If the method is used

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Read the [stable version of this documentation](#).

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
exec_cmd(command, **kwargs)
```

Wrapper method that can be changed in the inheriting classes.

```
load(**kwargs)
```

Load is not supported for command execution

Raises: `UnsupportedOperation`

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns: A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

This method makes an HTTP GET query against the device service. This method is run for its side-effects on self. If successful the instance attribute `__dict__` is replaced with the dict representing the device state. To figure out what that state is, run a subsequest query of the object like this: As with all CURDLE methods use a “requests_params” dict to pass parameters to `requests.session.HTTPMETHOD`. See `test_requests_params.py` for an example.

```
>>> resource_obj.refresh() >>>
print(resource_obj.raw)
```

update(kwargs)**

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.

The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with kwargs. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

If kwargs has a `requests_params` key the corresponding dict will be passed to the underlying `requests.session.put` method where it will be handled according to that API.


unix_mv

BIG-IP® utility module

REST URI

http://local



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GUI Path

N/A

REST Kind

tm:util:unix-mv:*

```
class f5.bigip.tm.util.unix_mv.Unix_Mv(util) [source]
```

Bases: `f5.bigip.resource.UnnamedResource` , `f5.bigip.mixins.CommandExecutionMixin`

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

`exec_cmd(command, **kwargs)`

Wrapper method that can be changed in the inheriting classes.

load(kwargs)**

Load is not supported for command execution

Raises: `UnsupportedOperation`

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns: A dictionary of attributes and their values

refresh(**kwargs)

Use this to make the device resource be represented by self.

This method makes an HTTP GET query against the device service. This method is run for its side-effects on self. If successful the instance attribute `__dict__` is replaced with the dict representing the device state. To figure out what that state is, run a subsequest query of the object like this: As with all CURDLE methods use a “requests_params” dict to pass parameters to `requests.session.HTTPMETHOD`. See `test_requests_params.py` for an example.

```
>>> resource_obj.refresh() >>>
print(resource_obj.raw)
```

update(kwargs)**


Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.

The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with kwargs. It is then submitted as JSON to the device.

Various e
removed



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Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

If kwargs has a `requests_params` key the corresponding dict will be passed to the underlying `requests.session.put` method where it will be handled according to that API.

unix_rm

BIG-IP® utility module

REST URI

<http://localhost/mgmt/tm/util/unix-rm>

GUI Path

N/A

REST Kind

tm:util:unix-rm:*

```
class f5.bigip.tm.util.unix_rm.Unix_Rm(util) \[source\]
```

Bases: `f5.bigip.resource.UnnamedResource` , `f5.bigip.mixins.CommandExecutionMixin`

```
create(**kwargs)
```

Create is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
delete(**kwargs)
```

Delete is not supported for unnamed resources

Raises:

UnsupportedMethod: If the method is used

```
exec_cmd(command, **kwargs)
```

Wrapper method that can be changed in the inheriting classes.

load(kwargs)**

Load is not supported for command execution

Raises: `UnsupportedOperation`

```
modify(**patch)
```

Modify the configuration of the resource on device based on patch

raw

Display the attributes that the current object has and their values.

Returns: A dictionary of attributes and their values

```
refresh(**kwargs)
```

Use this to make the device resource be represented by self.

This is the latest development version

Some features may not yet be available in the published stable version. Read the [stable version of this documentation](#).

update(kwargs)**

Update the configuration of the resource on the BIG-IP®.

This method uses HTTP PUT alter the resource state on the BIG-IP®.

The attributes of the instance will be packaged as a dictionary. That dictionary will be updated with kwargs. It is then submitted as JSON to the device.

Various edge cases are handled: * read-only attributes that are unchangeable are removed

Args:

kwargs (dict): Arbitrary number of keyword arguments.

Keys and associated values to alter on the device.

If kwargs has a `requests_params` key the corresponding dict will be passed to the underlying `requests.session.put` method where it will be handled according to that API.