

# Compute Engine API v1 (revision 235)

OVERVIEWPACKAGECLASSUSETREEDEPRECATEDINDEXHELP

PREV CLASSNEXT CLASSFRAMESNO FRAMESALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHODDETAIL: FIELD | CONSTR | METHOD

com.google.api.services.compute

## Class Compute.Firewalls

java.lang.Object  
com.google.api.services.compute.Compute.Firewalls

Enclosing class:

Compute

```
public class Compute.Firewalls  
extends java.lang.Object
```

The "firewalls" collection of methods.

### Nested Class Summary

Nested Classes	
Modifier and Type	Class and Description
class	Compute.Firewalls.Delete
class	Compute.Firewalls.Get
class	Compute.Firewalls.Insert
class	Compute.Firewalls.List
class	Compute.Firewalls.Patch
class	Compute.Firewalls.Update

### Constructor Summary

Constructors	
Constructor and Description	

Firewalls()

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type		Method and Description
Compute.Firewalls.Delete	delete	delete(java.lang.String project, java.lang.String firewall) Deletes the specified firewall.
Compute.Firewalls.Get	get	get(java.lang.String project, java.lang.String firewall) Returns the specified firewall.
Compute.Firewalls.Insert	insert	insert(java.lang.String project, Firewall content) Creates a firewall rule in the specified project using the data included in the request.
Compute.Firewalls.List	list	list(java.lang.String project) Retrieves the list of firewall rules available to the specified project.
Compute.Firewalls.Patch	patch	patch(java.lang.String project, java.lang.String firewall, Firewall content) Updates the specified firewall rule with the data included in the request.
Compute.Firewalls.Update	update	update(java.lang.String project, java.lang.String firewall, Firewall content) Updates the specified firewall rule with the data included in the request.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Firewalls

public Firewalls()

Method Detail

delete

```
public Compute.Firewalls.Delete delete(java.lang.String project,
                                       java.lang.String firewall)
    throws java.io.IOException
```

Deletes the specified firewall. Create a request for the method "firewalls.delete". This request holds the parameters needed by the compute server. After setting any optional parameters, call the `AbstractGoogleClientRequest.execute()` method to invoke the remote operation.

**Parameters:**

`project` - Project ID for this request.

`firewall` - Name of the firewall rule to delete.

**Returns:**

the request

**Throws:**

`java.io.IOException`

## get

```
public Compute.Firewalls.Get get(java.lang.String project,
                                 java.lang.String firewall)
    throws java.io.IOException
```

Returns the specified firewall. Create a request for the method "firewalls.get". This request holds the parameters needed by the compute server. After setting any optional parameters, call the `AbstractGoogleClientRequest.execute()` method to invoke the remote operation.

**Parameters:**

`project` - Project ID for this request.

`firewall` - Name of the firewall rule to return.

**Returns:**

the request

**Throws:**

`java.io.IOException`

## insert

```
public Compute.Firewalls.Insert insert(java.lang.String project,
                                       Firewall content)
    throws java.io.IOException
```

Creates a firewall rule in the specified project using the data included in the request. Create a request for the method "firewalls.insert". This request holds the parameters needed by the compute server. After setting any optional

parameters, call the `AbstractGoogleClientRequest.execute()` method to invoke the remote operation.

**Parameters:**

`project` - Project ID for this request.

`content` - the `Firewall`

**Returns:**

the request

**Throws:**

`java.io.IOException`

## list

```
public Compute.Firewalls.List list(java.lang.String project)
                                throws java.io.IOException
```

Retrieves the list of firewall rules available to the specified project. Create a request for the method "firewalls.list". This request holds the parameters needed by the compute server. After setting any optional parameters, call the `AbstractGoogleClientRequest.execute()` method to invoke the remote operation.

**Parameters:**

`project` - Project ID for this request.

**Returns:**

the request

**Throws:**

`java.io.IOException`

## patch

```
public Compute.Firewalls.Patch patch(java.lang.String project,
                                     java.lang.String firewall,
                                     Firewall content)
                                throws java.io.IOException
```

Updates the specified firewall rule with the data included in the request. This method supports PATCH semantics and uses the JSON merge patch format and processing rules. Create a request for the method "firewalls.patch". This request holds the parameters needed by the compute server. After setting any optional parameters, call the `AbstractGoogleClientRequest.execute()` method to invoke the remote operation.

**Parameters:**

`project` - Project ID for this request.

`firewall` - Name of the firewall rule to patch.

content - the Firewall

**Returns:**

the request

**Throws:**

java.io.IOException

## update

```
public Compute.Firewalls.Update update(java.lang.String project,
                                       java.lang.String firewall,
                                       Firewall content)
    throws java.io.IOException
```

Updates the specified firewall rule with the data included in the request. Note that all fields will be updated if using PUT, even fields that are not specified. To update individual fields, please use PATCH instead. Create a request for the method "firewalls.update". This request holds the parameters needed by the compute server. After setting any optional parameters, call the `AbstractGoogleClientRequest.execute()` method to invoke the remote operation.

**Parameters:**

project - Project ID for this request.

firewall - Name of the firewall rule to update.

content - the Firewall

**Returns:**

the request

**Throws:**

java.io.IOException

OVERVIEW PACKAGE **CLASS** USE TREE DEPRECATED INDEX HELP

PREV CLASS NEXT CLASS FRAMES NO FRAMES ALL CLASSES

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