Compute Engine API v1 (revision 235)

com.google.api.services.compute

Class Compute.Firewalls

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

Enclosing class:

Compute

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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**(java.lang.String project, java.lang.String firewall) Deletes the specified firewall.
Compute.Firewalls.Get	**get**(java.lang.String project, java.lang.String firewall) Returns the specified firewall.
Compute.Firewalls.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**(java.lang.String project) Retrieves the list of firewall rules available to the specified project.
Compute.Firewalls.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**(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