Welcome

This is the AWS Elastic Beanstalk API Reference. This guide provides detailed information about AWS Elastic Beanstalk actions, data types, parameters, and errors.

AWS Elastic Beanstalk is a tool that makes it easy for you to create, deploy, and manage scalable, fault-tolerant applications running on Amazon Web Services cloud resources.

For more information about this product, go to the AWS Elastic Beanstalk details page. The location of the latest AWS Elastic Beanstalk WSDL is http://elasticbeanstalk.s3.amazonaws.com/doc/2010-12-01/AWSElasticBeanstalk.wsdl.

Endpoints

For a list of region-specific endpoints that AWS Elastic Beanstalk supports, go to Regions and Endpoints in the Amazon Web Services Glossary.

This document was last updated on December 10, 2013.
The following actions are supported:

- CheckDNSAvailability (p. 3)
- CreateApplication (p. 5)
- CreateApplicationVersion (p. 7)
- CreateConfigurationTemplate (p. 10)
- CreateEnvironment (p. 18)
- CreateStorageLocation (p. 23)
- DeleteApplication (p. 25)
- DeleteApplicationVersion (p. 27)
- DeleteConfigurationTemplate (p. 29)
- DeleteEnvironmentConfiguration (p. 31)
- DescribeApplicationVersions (p. 32)
- DescribeApplications (p. 34)
- DescribeConfigurationOptions (p. 36)
- DescribeConfigurationSettings (p. 47)
- DescribeEnvironmentResources (p. 53)
- DescribeEnvironments (p. 55)
- DescribeEvents (p. 57)
- ListAvailableSolutionStacks (p. 61)
- RebuildEnvironment (p. 62)
- RequestEnvironmentInfo (p. 64)
- RestartAppServer (p. 66)
- RetrieveEnvironmentInfo (p. 67)
- SwapEnvironmentCNAMEs (p. 69)
- TerminateEnvironment (p. 71)
- UpdateApplication (p. 75)
- UpdateApplicationVersion (p. 77)
- UpdateConfigurationTemplate (p. 79)
- UpdateEnvironment (p. 86)
- ValidateConfigurationSettings (p. 91)
CheckDNSAvailability

Description
Checks if the specified CNAME is available.

Request Parameters
For information about the common parameters that all actions use, see Common Parameters (p. 129).

CNAMEPrefix
The prefix used when this CNAME is reserved.
Type: String
Required: Yes

Response Elements
The following elements are returned in a structure named CheckDNSAvailabilityResult.

Available
Indicates if the specified CNAME is available:
• true: The CNAME is available.
• false: The CNAME is not available.
Type: Boolean

FullyQualifiedCNAME
The fully qualified CNAME to reserve when CreateEnvironment (p. 18) is called with the provided prefix.
Type: String

Examples

Sample Request
https://elasticbeanstalk.us-east-1.amazonaws.com/?CNAMEPrefix=sampleapplication&Operation=CheckDNSAvailability&AuthParams

Sample Response
<CheckDNSAvailabilityResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <CheckDNSAvailabilityResult>
    <FullyQualifiedCNAME>sampleapplication.elasticbeanstalk.amazon</FullyQualifiedCNAME>
  </CheckDNSAvailabilityResult>
</CheckDNSAvailabilityResponse>
aws.com</FullyQualifiedCNAME>
   <Available>true</Available>
</CheckDNSAvailabilityResult>
<ResponseMetadata>
   <RequestId>12f6701f-f1d6-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</CheckDNSAvailabilityResponse>
CreateApplication

Description

Creates an application that has one configuration template named default and no application versions.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName

The name of the application.

Constraint: This name must be unique within your account. If the specified name already exists, the action returns an InvalidParameterValue error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Description

Describes the application.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

Response Elements

The following element is returned in a structure named CreateApplicationResult.

Application

The ApplicationDescription (p. 94) of the application.

Type: ApplicationDescription (p. 94)

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

TooManyApplications

The caller has exceeded the limit on the number of applications associated with their account.

HTTP Status Code: 400
Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp &Description=Sample%20Description &Operation=CreateApplication &AuthParams

Sample Response

```xml
<CreateApplicationResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <CreateApplicationResult>
    <Application>
      <Versions/>
      <Description>Sample Description</Description>
      <ApplicationName>SampleApp</ApplicationName>
      <DateCreated>2010-11-16T23:09:20.256Z</DateCreated>
      <DateUpdated>2010-11-16T23:09:20.256Z</DateUpdated>
      <ConfigurationTemplates>
        <member>Default</member>
      </ConfigurationTemplates>
    </Application>
  </CreateApplicationResult>
  <ResponseMetadata>
    <RequestId>8b00e053-f1d6-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</CreateApplicationResponse>
```
CreateApplicationVersion

Description

Creates an application version for the specified application.

Note

Once you create an application version with a specified Amazon S3 bucket and key location, you cannot change that Amazon S3 location. If you change the Amazon S3 location, you receive an exception when you attempt to launch an environment from the application version.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**ApplicationName**

The name of the application. If no application is found with this name, and AutoCreateApplication is false, returns an InvalidParameterValue error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

**AutoCreateApplication**

Determines how the system behaves if the specified application for this version does not already exist:

- true: Automatically creates the specified application for this release if it does not already exist.
- false: Throws an InvalidParameterValue if the specified application for this release does not already exist.

Default: false

Valid Values: true | false

Type: Boolean

Required: No

**Description**

Describes this version.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

**SourceBundle**

The Amazon S3 bucket and key that identify the location of the source bundle for this version.

If data found at the Amazon S3 location exceeds the maximum allowed source bundle size, AWS Elastic Beanstalk returns an InvalidParameterValue error. The maximum size allowed is 512 MB.

Default: If not specified, AWS Elastic Beanstalk uses a sample application. If only partially specified (for example, a bucket is provided but not the key) or if no data is found at the Amazon S3 location, AWS Elastic Beanstalk returns an InvalidParameterCombination error.
Type: S3Location (p. 118)

Required: No

**VersionLabel**

A label identifying this version.

Constraint: Must be unique per application. If an application version already exists with this label for the specified application, AWS Elastic Beanstalk returns an *InvalidParameterValue* error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

**Response Elements**

The following element is returned in a structure named *CreateApplicationVersionResult*.

**ApplicationVersion**

The *ApplicationVersionDescription* (p. 95) of the application version.

Type: *ApplicationVersionDescription* (p. 95)

**Errors**

For information about the errors that are common to all actions, see *Common Errors* (p. 131).

**InsufficientPrivileges**

Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403

**S3LocationNotInServiceRegion**

The specified S3 bucket does not belong to the S3 region in which the service is running.

HTTP Status Code: 400

**TooManyApplicationVersions**

The caller has exceeded the limit on the number of application versions associated with their account.

HTTP Status Code: 400

**TooManyApplications**

The caller has exceeded the limit on the number of applications associated with their account.

HTTP Status Code: 400

**Examples**

**Sample Request**

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp
&VersionLabel=Version1
&Description=description
Sample Response

```xml
<CreateApplicationVersionResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <CreateApplicationVersionResult>
    <ApplicationVersion>
      <SourceBundle>
        <S3Bucket>amazonaws.com</S3Bucket>
        <S3Key>sample.war</S3Key>
      </SourceBundle>
      <VersionLabel>Version1</VersionLabel>
      <Description>description</Description>
      <ApplicationName>SampleApp</ApplicationName>
      <DateCreated>2010-11-17T03:21:59.161Z</DateCreated>
      <DateUpdated>2010-11-17T03:21:59.161Z</DateUpdated>
    </ApplicationVersion>
  </CreateApplicationVersionResult>
  <ResponseMetadata>
    <RequestId>d653efef-f1f9-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</CreateApplicationVersionResponse>
```
CreateConfigurationTemplate

Description

Creates a configuration template. Templates are associated with a specific application and are used to deploy different versions of the application with the same configuration settings.

Related Topics

- DescribeConfigurationOptions (p. 36)
- DescribeConfigurationSettings (p. 47)
- ListAvailableSolutionStacks (p. 61)

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName

The name of the application to associate with this configuration template. If no application is found with this name, AWS Elastic Beanstalk returns an InvalidParameterValue error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Description

Describes this configuration.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

EnvironmentId

The ID of the environment used with this configuration template.

Type: String

Required: No

OptionSettings.member

If specified, AWS Elastic Beanstalk sets the specified configuration option to the requested value. The new value overrides the value obtained from the solution stack or the source configuration template.

Type: ConfigurationOptionSetting (p. 99) list

Required: No

SolutionStackName

The name of the solution stack used by this configuration. The solution stack specifies the operating system, architecture, and application server for a configuration template. It determines the set of configuration options as well as the possible and default values.

Use ListAvailableSolutionStacks (p. 61) to obtain a list of available solution stacks.
A solution stack name or a source configuration parameter must be specified, otherwise AWS Elastic Beanstalk returns an `InvalidParameterValue` error.

If a solution stack name is not specified and the source configuration parameter is specified, AWS Elastic Beanstalk uses the same solution stack as the source configuration template.

Type: String

Length constraints: Minimum length of 0. Maximum length of 100.

Required: No

**SourceConfiguration**

If specified, AWS Elastic Beanstalk uses the configuration values from the specified configuration template to create a new configuration.

Values specified in the `OptionSettings` parameter of this call overrides any values obtained from the `SourceConfiguration`.

If no configuration template is found, returns an `InvalidParameterValue` error.

Constraint: If both the solution stack name parameter and the source configuration parameters are specified, the solution stack of the source configuration template must match the specified solution stack name or else AWS Elastic Beanstalk returns an `InvalidParameterCombination` error.

Type: `SourceConfiguration` (p. 119)

Required: No

**TemplateName**

The name of the configuration template.

Constraint: This name must be unique per application.

Default: If a configuration template already exists with this name, AWS Elastic Beanstalk returns an `InvalidParameterValue` error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

---

**Response Elements**

The following elements are returned in a structure named `CreateConfigurationTemplateResult`.

**ApplicationName**

- The name of the application associated with this configuration set.

  Type: String

**DateCreated**

- The date (in UTC time) when this configuration set was created.

  Type: DateTime

**DateUpdated**

- The date (in UTC time) when this configuration set was last modified.

  Type: DateTime
DeploymentStatus
If this configuration set is associated with an environment, the DeploymentStatus parameter indicates the deployment status of this configuration set:
• null: This configuration is not associated with a running environment.
• pending: This is a draft configuration that is not deployed to the associated environment but is in the process of deploying.
• deployed: This is the configuration that is currently deployed to the associated running environment.
• failed: This is a draft configuration that failed to successfully deploy.

Type: String
Description
Describes this configuration set.

Type: String
EnvironmentName
If not null, the name of the environment for this configuration set.

Type: String
OptionSettings
A list of the configuration options and their values in this configuration set.

Type: ConfigurationOptionSetting (p. 99) list
SolutionStackName
The name of the solution stack this configuration set uses.

Type: String
TemplateName
If not null, the name of the configuration template for this configuration set.

Type: String

Errors
For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403

TooManyConfigurationTemplates
The caller has exceeded the limit on the number of configuration templates associated with their account.

HTTP Status Code: 400

Examples
Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp &TemplateName=AppTemplate
Sample Response

```xml
<CreateConfigurationTemplateResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <CreateConfigurationTemplateResult>
    <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
    <OptionSettings>
      <member>
        <OptionName>ImageId</OptionName>
        <Value>ami-f2f0069b</Value>
        <Namespace>aws:autoscaling:launchconfiguration</Namespace>
      </member>
      <member>
        <OptionName>Notification Endpoint</OptionName>
        <Value/>
        <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
      </member>
      <member>
        <OptionName>PARAM4</OptionName>
        <Value/>
        <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
      </member>
      <member>
        <OptionName>JDBC_CONNECTION_STRING</OptionName>
        <Value/>
        <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
      </member>
      <member>
        <OptionName>SecurityGroups</OptionName>
        <Value>elasticbeanstalk-default</Value>
        <Namespace>aws:autoscaling:launchconfiguration</Namespace>
      </member>
      <member>
        <OptionName>UnhealthyThreshold</OptionName>
        <Value>5</Value>
        <Namespace>aws:elb:healthcheck</Namespace>
      </member>
      <member>
        <OptionName>InstanceType</OptionName>
        <Value>t1.micro</Value>
        <Namespace>aws:autoscaling:launchconfiguration</Namespace>
      </member>
      <member>
        <OptionName>Statistic</OptionName>
        <Value>Average</Value>
        <Namespace>aws:autoscaling:trigger</Namespace>
      </member>
      <member>
        <OptionName>LoadBalancerHTTPSPort</OptionName>
        <Value>OFF</Value>
      </member>
    </OptionSettings>
  </CreateConfigurationTemplateResult>
</CreateConfigurationTemplateResponse>
```
<Namespace>aws:elb:loadbalancer</Namespace>
</member>
</member>
 OptionName>Stickiness Cookie Expiration</OptionName>
<Value>0</Value>
<Namespace>aws:elb:policies</Namespace>
</member>
</member>
 OptionName>PARAM5</OptionName>
<Value/>
<Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>
</member>
 OptionName>MeasureName</OptionName>
<Value>NetworkOut</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>
</member>
 OptionName>Interval</OptionName>
<Value>30</Value>
<Namespace>aws:elb:healthcheck</Namespace>
</member>
</member>
 OptionName>Application Healthcheck URL</OptionName>
<Value>/</Value>
<Namespace>aws:elasticbeanstalk:application</Namespace>
</member>
</member>
 OptionName>Notification Topic ARN</OptionName>
<Value/>
<Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>
</member>
 OptionName>LowerBreachScaleIncrement</OptionName>
<Value>-1</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>
</member>
 OptionName>XX:MaxPermSize</OptionName>
<Value>64m</Value>
<Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>
</member>
 OptionName>UpperBreachScaleIncrement</OptionName>
<Value>1</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>
</member>
 OptionName>MinSize</OptionName>
<Value>1</Value>
<Namespace>aws:autoscaling:asg</Namespace>
</member>
</member>
 OptionName>Custom Availability Zones</OptionName>
<Value>us-east-1a</Value>
<Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <OptionName>Availability Zones</OptionName>
  <Value>Any 1</Value>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>

<member>
  <OptionName>LogPublicationControl</OptionName>
  <Value>false</Value>
  <Namespace>aws:elasticbeanstalk:hostmanager</Namespace>
</member>

<member>
  <OptionName>JVM Options</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <OptionName>Notification Topic Name</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>

<member>
  <OptionName>PARAM2</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>LoadBalancerHTTPPort</OptionName>
  <Value>80</Value>
  <Namespace>aws:elb:loadbalancer</Namespace>
</member>

<member>
  <OptionName>Timeout</OptionName>
  <Value>5</Value>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>

<member>
  <OptionName>BreachDuration</OptionName>
  <Value>2</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>MonitoringInterval</OptionName>
  <Value>5 minute</Value>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <OptionName>PARAM1</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>MaxSize</OptionName>
  <Value>4</Value>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>

<member>
  <OptionName>LowerThreshold</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>
<Value>2000000</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>AWS_SECRET_KEY</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>
<member>
  <OptionName>AWS_ACCESS_KEY_ID</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>
<member>
  <OptionName>UpperThreshold</OptionName>
  <Value>6000000</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>Notification Protocol</OptionName>
  <Value>email</Value>
  <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>
<member>
  <OptionName>Unit</OptionName>
  <Value>Bytes</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>Xmx</OptionName>
  <Value>256m</Value>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>
<member>
  <OptionName>Cooldown</OptionName>
  <Value>360</Value>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <OptionName>Period</OptionName>
  <Value>1</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>Xms</OptionName>
  <Value>256m</Value>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>
<member>
  <OptionName>EC2KeyName</OptionName>
  <Value/>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>
<member>
  <OptionName>Stickiness Policy</OptionName>
  <Value>false</Value>
</member>
<Namespace>aws:elb:policies</Namespace>
</member>

<member>
  <OptionName>PARAM3</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>HealthyThreshold</OptionName>
  <Value>3</Value>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>

<member>
  <OptionName>SSLCertificateId</OptionName>
  <Value/>
  <Namespace>aws:elb:loadbalancer</Namespace>
</member>
</OptionSettings>

<Description>ConfigTemplateDescription</Description>
<ApplicationName>SampleApp</ApplicationName>
<DateCreated>2010-11-17T03:48:19.640Z</DateCreated>
<TemplateName>AppTemplate</TemplateName>
<DateUpdated>2010-11-17T03:48:19.640Z</DateUpdated>

</CreateConfigurationTemplateResult>

<ResponseMetadata>
  <RequestId>846cd905-f1fd-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>

</CreateConfigurationTemplateResponse>
CreateEnvironment

Description
Launches an environment for the specified application using the specified configuration.

Request Parameters
For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName
The name of the application that contains the version to be deployed.
If no application is found with this name, CreateEnvironment returns an InvalidParameterValue error.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: Yes

CNAMEPrefix
If specified, the environment attempts to use this value as the prefix for the CNAME. If not specified, the CNAME is generated automatically by appending a random alphanumeric string to the environment name.
Type: String
Required: No

Description
Describes this environment.
Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

EnvironmentName
A unique name for the deployment environment. Used in the application URL.
Constraint: Must be from 4 to 23 characters in length. The name can contain only letters, numbers, and hyphens. It cannot start or end with a hyphen. This name must be unique in your account. If the specified name already exists, AWS Elastic Beanstalk returns an InvalidParameterValue error.
Default: If the CNAME parameter is not specified, the environment name becomes part of the CNAME, and therefore part of the visible URL for your application.
Type: String
Required: Yes
OptionSettings.member.N
If specified, AWS Elastic Beanstalk sets the specified configuration options to the requested value in the configuration set for the new environment. These override the values obtained from the solution stack or the configuration template.

Type: ConfigurationOptionSetting (p. 99) list

Required: No

OptionsToRemove.member.N
A list of custom user-defined configuration options to remove from the configuration set for this new environment.

Type: OptionSpecification (p. 117) list

Required: No

SolutionStackName
This is an alternative to specifying a configuration name. If specified, AWS Elastic Beanstalk sets the configuration values to the default values associated with the specified solution stack.

Condition: You must specify either this or a TemplateName, but not both. If you specify both, AWS Elastic Beanstalk returns an InvalidParameterCombination error. If you do not specify either, AWS Elastic Beanstalk returns a MissingRequiredParameter error.

Type: String

Length constraints: Minimum length of 0. Maximum length of 100.

Required: No

TemplateName
The name of the configuration template to use in deployment. If no configuration template is found with this name, AWS Elastic Beanstalk returns an InvalidParameterValue error.

Condition: You must specify either this parameter or a SolutionStackName, but not both. If you specify both, AWS Elastic Beanstalk returns an InvalidParameterCombination error. If you do not specify either, AWS Elastic Beanstalk returns a MissingRequiredParameter error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

Tier
This specifies the tier to use for creating this environment.

Type: EnvironmentTier (p. 112)

Required: No

VersionLabel
The name of the application version to deploy.

If the specified application has no associated application versions, AWS Elastic Beanstalk UpdateEnvironment returns an InvalidParameterValue error.

Default: If not specified, AWS Elastic Beanstalk attempts to launch the sample application in the container.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

Response Elements

The following elements are returned in a structure named `CreateEnvironmentResult`.

**ApplicationName**
- The name of the application associated with this environment.
- Type: String

**CNAME**
- The URL to the CNAME for this environment.
- Type: String

**DateCreated**
- The creation date for this environment.
- Type: DateTime

**DateUpdated**
- The last modified date for this environment.
- Type: DateTime

**Description**
- Describes this environment.
- Type: String

**EndpointURL**
- For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.
- Type: String

**EnvironmentId**
- The ID of this environment.
- Type: String

**EnvironmentName**
- The name of this environment.
- Type: String

**Health**
- Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:
  - **Red**: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
  - **Yellow**: Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
  - **Green**: Indicates the environment is healthy and fully functional.
  - **Grey**: Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an `UpdateEnvironment` or `RestartEnvironment` request.
- Default: Grey
- Type: String
Resources
The description of the AWS resources used by this environment.
Type: EnvironmentResourcesDescription (p. 112)

SolutionStackName
The name of the SolutionStack deployed with this environment.
Type: String

Status
The current operational status of the environment:
• Launching: Environment is in the process of initial deployment.
• Updating: Environment is in the process of updating its configuration settings or application version.
• Ready: Environment is available to have an action performed on it, such as update or terminate.
• Terminating: Environment is in the shut-down process.
• Terminated: Environment is not running.
Type: String

TemplateName
The name of the configuration template used to originally launch this environment.
Type: String

Tier
Describes the current tier of this environment.
Type: EnvironmentTier (p. 112)

VersionLabel
The application version deployed in this environment.
Type: String

Errors
For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services
HTTP Status Code: 403

TooManyEnvironments
The caller has exceeded the limit of allowed environments associated with the account.
HTTP Status Code: 400

Examples
Sample Request
https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp &EnvironmentName=SampleApp &SolutionStackName=32bit%20Amazon%20Linux%20running%20Tomcat%207
Sample Response

```xml
<CreateEnvironmentResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <CreateEnvironmentResult>
    <VersionLabel>Version1</VersionLabel>
    <Status>Deploying</Status>
    <ApplicationName>SampleApp</ApplicationName>
    <Health>Grey</Health>
    <EnvironmentId>e-icsgecu3wf</EnvironmentId>
    <DateUpdated>2010-11-17T03:59:33.520Z</DateUpdated>
    <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
    <Description>EnvDescrip</Description>
    <EnvironmentName>SampleApp</EnvironmentName>
    <DateCreated>2010-11-17T03:59:33.520Z</DateCreated>
  </CreateEnvironmentResult>
  <ResponseMetadata>
    <RequestId>15db925e-f1ff-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</CreateEnvironmentResponse>
```
CreateStorageLocation

Description

Creates the Amazon S3 storage location for the account.

This location is used to store user log files.

Response Elements

The following element is returned in a structure named CreateStorageLocationResult.

S3Bucket
The name of the Amazon S3 bucket created.
Type: String

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403

S3SubscriptionRequired
The caller does not have a subscription to Amazon S3.

HTTP Status Code: 400

TooManyBuckets
The web service attempted to create a bucket in an Amazon S3 account that already has 100 buckets.

HTTP Status Code: 400

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?Operation=CreateStorageLocation &AuthParams

Sample Response

<CreateStorageLocationResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <CreateStorageLocationResult>
    <S3Bucket>elasticbeanstalk-us-east-1-780612358023</S3Bucket>
  </CreateStorageLocationResult>
</CreateStorageLocationResponse>

API Version 2010-12-01
<Request Id>ef51b94a-f1d6-11df-8a78-9f77047e0d0c</Request Id>
</Response Metadata>
</CreateStorageLocationResponse>
DeleteApplication

Description

Deletes the specified application along with all associated versions and configurations. The application versions will not be deleted from your Amazon S3 bucket.

Note
You cannot delete an application that has a running environment.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

AppName
The name of the application to delete.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

TerminateEnvByForce
When set to true, running environments will be terminated before deleting the application.

Type: Boolean

Required: No

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

OperationInProgress
Unable to perform the specified operation because another operation is already in progress affecting an element in this activity.

HTTP Status Code: 400

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?AppName=SampleApp&Operation=DeleteApplication&AuthParams

Sample Response

<DeleteApplicationResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/"
<ResponseMetadata>
  <RequestId>1f155abd-f1d7-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</DeleteApplicationResponse>
DeleteApplicationVersion

Description

Deletes the specified version from the specified application.

Note

You cannot delete an application version that is associated with a running environment.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName

The name of the application to delete releases from.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

DeleteSourceBundle

Indicates whether to delete the associated source bundle from Amazon S3:

- true: An attempt is made to delete the associated Amazon S3 source bundle specified at time of creation.
- false: No action is taken on the Amazon S3 source bundle specified at time of creation.

Valid Values: true | false

Type: Boolean

Required: No

VersionLabel

The label of the version to delete.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges

Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403

OperationInProgress

Unable to perform the specified operation because another operation is already in progress affecting an element in this activity.

HTTP Status Code: 400
S3LocationNotInServiceRegion
  The specified S3 bucket does not belong to the S3 region in which the service is running.
  HTTP Status Code: 400

SourceBundleDeletion
  Unable to delete the Amazon S3 source bundle associated with the application version, although the
  application version deleted successfully.
  HTTP Status Code: 400

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp
&VersionLabel=First%20Release
&Operation=DeleteApplicationVersion
&AuthParams

Sample Response

<DeleteApplicationVersionResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ResponseMetadata>
    <RequestId>58dc7339-f272-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</DeleteApplicationVersionResponse>
DeleteConfigurationTemplate

Description

Deletes the specified configuration template.

Note
When you launch an environment using a configuration template, the environment gets a copy of the template. You can delete or modify the environment's copy of the template without affecting the running environment.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName
The name of the application to delete the configuration template from.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

TemplateName
The name of the configuration template to delete.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

OperationInProgress
Unable to perform the specified operation because another operation is already in progress affecting an element in this activity.

HTTP Status Code: 400

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp
&TemplateName=SampleAppTemplate
&Operation=DeleteConfigurationTemplate
&AuthParams
Sample Response

```xml
/DeleteConfigurationTemplateResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/"
  <ResponseMetadata>
    <RequestId>af9cf1b6-f25e-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</DeleteConfigurationTemplateResponse>
```
DeleteEnvironmentConfiguration

**Description**

Deletes the draft configuration associated with the running environment.

Updating a running environment with any configuration changes creates a draft configuration set. You can get the draft configuration using DescribeConfigurationSettings (p. 47) while the update is in progress or if the update fails. The DeploymentStatus for the draft configuration indicates whether the deployment is in process or has failed. The draft configuration remains in existence until it is deleted with this action.

**Request Parameters**

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**ApplicationName**

The name of the application the environment is associated with.

- Type: String
- Length constraints: Minimum length of 1. Maximum length of 100.
- Required: Yes

**EnvironmentName**

The name of the environment to delete the draft configuration from.

- Type: String
- Required: Yes

**Examples**

**Sample Request**

```
https://elasticbeanstalk.us-east-1.amazonaws.com/?ApplicationName=SampleApp
&EnvironmentName=SampleApp
&Operation=DeleteEnvironmentConfiguration
&AuthParams
```

**Sample Response**

```
<DeleteEnvironmentConfigurationResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ResponseMetadata>
    <RequestId>fdfs76507-f26d-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</DeleteEnvironmentConfigurationResponse>
```
DescribeApplicationVersions

Description

Returns descriptions for existing application versions.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName

If specified, AWS Elastic Beanstalk restricts the returned descriptions to only include ones that are associated with the specified application.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

VersionLabels.member.N

If specified, restricts the returned descriptions to only include ones that have the specified version labels.

Type: String list

Required: No

Response Elements

The following element is returned in a structure named DescribeApplicationVersionsResult.

ApplicationVersions

A list of ApplicationVersionDescription (p. 95).

Type: ApplicationVersionDescription (p. 95) list

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?ApplicationName=SampleApp
&Operation=DescribeApplicationVersions
&AuthParams

Sample Response

<DescribeApplicationVersionsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <DescribeApplicationVersionsResult>
    <ApplicationVersions/>
  </DescribeApplicationVersionsResult>
</DescribeApplicationVersionsResponse>
<member>
  <SourceBundle>
    <S3Bucket>amazonaws.com</S3Bucket>
    <S3Key>sample.war</S3Key>
  </SourceBundle>
  <VersionLabel>Version1</VersionLabel>
  <Description>description</Description>
  <ApplicationName>SampleApp</ApplicationName>
  <DateCreated>2010-11-17T03:21:59.161Z</DateCreated>
  <DateUpdated>2010-11-17T03:21:59.161Z</DateUpdated>
</member>
</ApplicationVersions>
</DescribeApplicationVersionsResult>
<ResponseMetadata>
  <RequestId>773cd80a-f26c-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</DescribeApplicationVersionsResponse>
DescribeApplications

Description

Returns the descriptions of existing applications.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationNames.member.N
If specified, AWS Elastic Beanstalk restricts the returned descriptions to only include those with the specified names.

Type: String list
Required: No

Response Elements

The following element is returned in a structure named DescribeApplicationsResult.

Applications
This parameter contains a list of ApplicationDescription (p. 94).

Type: ApplicationDescription (p. 94) list

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?ApplicationNames.member.1=SampleApplication&Operation=DescribeApplications&AuthParams

Sample Response

<DescribeApplicationsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/"
  <DescribeApplicationsResult>
    <Applications>
      <member>
        <Versions/>
        <Description>Sample Description</Description>
        <ApplicationName>SampleApplication</ApplicationName>
        <DateCreated>2010-11-16T20:20:51.974Z</DateCreated>
        <DateUpdated>2010-11-16T20:20:51.974Z</DateUpdated>
        <ConfigurationTemplates>
          <member>Default</member>
        </ConfigurationTemplates>
      </member>
    </Applications>
  </DescribeApplicationsResult>
</DescribeApplicationsResponse>
</ConfigurationTemplates>
</member>
</Applications>
</DescribeApplicationsResult>
<ResponseMetadata>
  <RequestId>577c70ff-f1d7-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</DescribeApplicationsResponse>
DescribeConfigurationOptions

Description

Describes the configuration options that are used in a particular configuration template or environment, or that a specified solution stack defines. The description includes the values the options, their default values, and an indication of the required action on a running environment if an option value is changed.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName

The name of the application associated with the configuration template or environment. Only needed if you want to describe the configuration options associated with either the configuration template or environment.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

EnvironmentName

The name of the environment whose configuration options you want to describe.

Type: String


Required: No

Options.member.N

If specified, restricts the descriptions to only the specified options.

Type: OptionSpecification (p. 117) list

Required: No

SolutionStackName

The name of the solution stack whose configuration options you want to describe.

Type: String

Length constraints: Minimum length of 0. Maximum length of 100.

Required: No

TemplateName

The name of the configuration template whose configuration options you want to describe.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.
Response Elements

The following elements are returned in a structure named DescribeConfigurationOptionsResult.

Options
A list of ConfigurationOptionDescription (p. 97).
Type: ConfigurationOptionDescription (p. 97) list

SolutionStackName
The name of the solution stack these configuration options belong to.
Type: String

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?ApplicationName=SampleApp &TemplateName=default &Operation=DescribeConfigurationOptions &AuthParams

Sample Response

<DescribeConfigurationOptionsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <DescribeConfigurationOptionsResult>
    <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
    <Options>
      <member>
        <UserDefined>false</UserDefined>
        <ChangeSeverity>RestartEnvironment</ChangeSeverity>
        <MaxLength>2000</MaxLength>
        <Name>ImageId</Name>
        <ValueType>Scalar</ValueType>
        <DefaultValue>ami-6036c009</DefaultValue>
        <Namespace>aws:autoscaling:launchconfiguration</Namespace>
      </member>
      <member>
        <UserDefined>false</UserDefined>
        <ChangeSeverity>No Interruption</ChangeSeverity>
        <MaxLength>2000</MaxLength>
        <Name>Notification Endpoint</Name>
        <ValueType>Scalar</ValueType>
        <DefaultValue/>
        <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
      </member>
    </Options>
  </DescribeConfigurationOptionsResult>
</DescribeConfigurationOptionsResponse>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>PARAM4</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>JDBC_CONNECTION_STRING</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartEnvironment</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>SecurityGroups</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>elasticbeanstalk-default</DefaultValue>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MinValue>2</MinValue>
  <Name>UnhealthyThreshold</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>5</DefaultValue>
  <MaxValue>10</MaxValue>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2</MaxLength>
  <Name>InstanceType</Name>
  <ValueOptions>
    <member>t1.micro</member>
    <member>m1.small</member>
  </ValueOptions>
  <ValueType>Scalar</ValueType>
  <DefaultValue>t1.micro</DefaultValue>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2</MaxLength>
  <Name>Statistic</Name>
  <ValueOptions>
    <member>Minimum</member>
    <member>Maximum</member>
    <member>Sum</member>
    <member>Average</member>
  </ValueOptions>
  <ValueType>Scalar</ValueType>
</member>
<DefaultValue>Average</DefaultValue>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartEnvironment</ChangeSeverity>
  <Name>LoadBalancingHTTPSPort</Name>
  <ValueOptions>
    <member>OFF</member>
    <member>443</member>
    <member>8443</member>
    <member>5443</member>
  </ValueOptions>
  <ValueType>Scalar</ValueType>
  <DefaultValue>OFF</DefaultValue>
  <Namespace>aws:elb:loadbalancer</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MinValue>0</MinValue>
  <Name>Stickiness Cookie Expiration</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>0</DefaultValue>
  <MaxValue>1000000</MaxValue>
  <Namespace>aws:elb:policies</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>PARAM5</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <Name>MeasureName</Name>
  <ValueOptions>
    <member>CPUUtilization</member>
    <member>NetworkIn</member>
    <member>NetworkOut</member>
    <member>DiskWriteOps</member>
    <member>DiskReadBytes</member>
    <member>DiskReadOps</member>
    <member>DiskWriteBytes</member>
    <member>Latency</member>
    <member>RequestCount</member>
    <member>HealthyHostCount</member>
    <member>UnhealthyHostCount</member>
  </ValueOptions>
  <ValueType>Scalar</ValueType>
  <DefaultValue>NetworkOut</DefaultValue>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MinValue>5</MinValue>
  <Name>Interval</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>30</DefaultValue>
  <MaxValue>300</MaxValue>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>Application Healthcheck URL</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>/</DefaultValue>
  <Namespace>aws:elasticbeanstalk:application</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>Notification Topic ARN</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>LowerBreachScaleIncrement</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>-1</DefaultValue>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>XX:MaxPermSize</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>64m</DefaultValue>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>UpperBreachScaleIncrement</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>1</DefaultValue>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Regex>
    <Pattern>^[^\s]+$</Pattern>
    <Label>nospaces</Label>
  </Regex>
  <Name>XX:MaxPermSize</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>64m</DefaultValue>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>UpperBreachScaleIncrement</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>1</DefaultValue>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MinValue>1</MinValue>
  <Name>MinSize</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>1</DefaultValue>
  <MaxValue>10000</MaxValue>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartEnvironment</ChangeSeverity>
  <Name>Custom Availability Zones</Name>
  <ValueOptions>
    <member>us-east-1a</member>
    <member>us-east-1b</member>
    <member>us-east-1c</member>
    <member>us-east-1d</member>
  </ValueOptions>
  <ValueType>List</ValueType>
  <DefaultValue>us-east-1a</DefaultValue>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartEnvironment</ChangeSeverity>
  <Name>Availability Zones</Name>
  <ValueOptions>
    <member>Any 1</member>
    <member>Any 2</member>
  </ValueOptions>
  <ValueType>Scalar</ValueType>
  <DefaultValue>Any 1</DefaultValue>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <Name>LogPublicationControl</Name>
  <ValueType>Boolean</ValueType>
  <DefaultValue>false</DefaultValue>
  <Namespace>aws:elasticbeanstalk:hostmanager</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>JVM Options</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
</member>

API Version 2010-12-01
<maxLength>2000</maxLength>
<name>Notification Topic Name</name>
<valueType>Scalar</valueType>
<defaultValue/>
<namespace>aws:elasticbeanstalk:sns:topics</namespace>
</member>

<member>
  <userDefined>false</userDefined>
  <changeSeverity>RestartApplicationServer</changeSeverity>
  <maxLength>2000</maxLength>
  <name>PARAM2</name>
  <valueType>Scalar</valueType>
  <defaultValue/>
  <namespace>aws:elasticbeanstalk:application:environment</namespace>
</member>

<member>
  <userDefined>false</userDefined>
  <changeSeverity>RestartEnvironment</changeSeverity>
  <name>LoadBalancerHTTPPort</name>
  <valueOptions>
    <member>OFF</member>
    <member>80</member>
    <member>8080</member>
  </valueOptions>
  <valueType>Scalar</valueType>
  <defaultValue>80</defaultValue>
  <namespace>aws:elb:loadbalancer</namespace>
</member>

<member>
  <userDefined>false</userDefined>
  <changeSeverity>NoInterruption</changeSeverity>
  <minValue>2</minValue>
  <name>Timeout</name>
  <valueType>Scalar</valueType>
  <defaultValue>5</defaultValue>
  <maxValue>60</maxValue>
  <namespace>aws:elb:healthcheck</namespace>
</member>

<member>
  <userDefined>false</userDefined>
  <changeSeverity>NoInterruption</changeSeverity>
  <minValue>1</minValue>
  <name>BreachDuration</name>
  <valueType>Scalar</valueType>
  <defaultValue>2</defaultValue>
  <maxValue>600</maxValue>
  <namespace>aws:autoscaling:trigger</namespace>
</member>

<member>
  <userDefined>false</userDefined>
  <changeSeverity>RestartEnvironment</changeSeverity>
  <name>MonitoringInterval</name>
  <valueOptions>
    <member>1 minute</member>
    <member>5 minute</member>
  </valueOptions>
  <valueType>Scalar</valueType>
  <defaultValue>5 minute</defaultValue>
</member>
<member>
    <UserDefined>false</UserDefined>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <Name>Notification Protocol</Name>
    <ValueOptions>
        <member>http</member>
        <member>https</member>
        <member>email</member>
        <member>email-json</member>
        <member>sqs</member>
    </ValueOptions>
    <ValueType>Scalar</ValueType>
    <DefaultValue>email</DefaultValue>
    <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>

<member>
    <UserDefined>false</UserDefined>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <Name>Unit</Name>
    <ValueOptions>
        <member>Seconds</member>
        <member>Percent</member>
        <member>Bytes</member>
        <member>Bits</member>
        <member>Count</member>
        <member>Bytes/Second</member>
        <member>Bits/Second</member>
        <member>Count/Second</member>
        <member>None</member>
    </ValueOptions>
    <ValueType>Scalar</ValueType>
    <DefaultValue>Bytes</DefaultValue>
    <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
    <UserDefined>false</UserDefined>
    <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
    <MaxLength>2000</MaxLength>
    <Regex>
        <Pattern>^[\S]+$</Pattern>
        <Label>nospaces</Label>
    </Regex>
    <Name>Xmx</Name>
    <ValueType>Scalar</ValueType>
    <DefaultValue>256m</DefaultValue>
    <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
    <UserDefined>false</UserDefined>
    <ChangeSeverity>NoInterruption</ChangeSeverity>
    <MinValue>0</MinValue>
    <Name>Cooldown</Name>
    <ValueType>Scalar</ValueType>
    <DefaultValue>360</DefaultValue>
    <MaxValue>10000</MaxValue>
    <Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MinValue>1</MinValue>
  <Name>Period</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>1</DefaultValue>
  <MaxValue>600</MaxValue>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Regex>
    <Pattern>^\S*$</Pattern>
    <Label>nospaces</Label>
  </Regex>
  <Name>Xms</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>256m</DefaultValue>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartEnvironment</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>EC2KeyName</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <Name>Stickiness Policy</Name>
  <ValueType>Boolean</ValueType>
  <DefaultValue>false</DefaultValue>
  <Namespace>aws:elb:policies</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartApplicationServer</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>PARAM3</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>NoInterruption</ChangeSeverity>
  <MinValue>2</MinValue>
  <Name>HealthyThreshold</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue>3</DefaultValue>
</member>
<MaxValue>10</MaxValue>
<Namespace>aws:elb:healthcheck</Namespace>
</member>
<member>
  <UserDefined>false</UserDefined>
  <ChangeSeverity>RestartEnvironment</ChangeSeverity>
  <MaxLength>2000</MaxLength>
  <Name>SSLCertificateId</Name>
  <ValueType>Scalar</ValueType>
  <DefaultValue/>
  <Namespace>aws:elb:loadbalancer</Namespace>
</member>
</Options>
</DescribeConfigurationOptionsResult>
<ResponseMetadata>
  <RequestId>e8768900-f272-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</DescribeConfigurationOptionsResponse>
DescribeConfigurationSettings

Description

Returns a description of the settings for the specified configuration set, that is, either a configuration template or the configuration set associated with a running environment.

When describing the settings for the configuration set associated with a running environment, it is possible to receive two sets of setting descriptions. One is the deployed configuration set, and the other is a draft configuration of an environment that is either in the process of deployment or that failed to deploy.

Related Topics

- DeleteEnvironmentConfiguration (p. 31)

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**ApplicationName**

The application for the environment or configuration template.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

**EnvironmentName**

The name of the environment to describe.

Condition: You must specify either this or a TemplateName, but not both. If you specify both, AWS Elastic Beanstalk returns an InvalidParameterCombination error. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String


Required: No

**TemplateName**

The name of the configuration template to describe.

Condition: You must specify either this parameter or an EnvironmentName, but not both. If you specify both, AWS Elastic Beanstalk returns an InvalidParameterCombination error. If you do not specify either, AWS Elastic Beanstalk returns a MissingRequiredParameter error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

Response Elements

The following element is returned in a structure named DescribeConfigurationSettingsResult.
**ConfigurationSettings**

A list of `ConfigurationSettingsDescription` (p. 99).

Type: `ConfigurationSettingsDescription` (p. 99) list

**Examples**

**Sample Request**

```plaintext
https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp &TemplateName=default &Operation=DescribeConfigurationSettings &AuthParams
```

**Sample Response**

```xml
<DescribeConfigurationSettingsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/"
>  <DescribeConfigurationSettingsResult>
    <ConfigurationSettings>
      <member>
        <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
        <OptionSettings>
          <member>
            <OptionName>ImageId</OptionName>
            <Value>ami-f2f0069b</Value>
            <Namespace>aws:autoscaling:launchconfiguration</Namespace>
          </member>
          <member>
            <OptionName>Notification Endpoint</OptionName>
            <Value/>
            <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
          </member>
          <member>
            <OptionName>PARAM4</OptionName>
            <Value/>
            <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
          </member>
          <member>
            <OptionName>JDBC_CONNECTION_STRING</OptionName>
            <Value/>
            <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
          </member>
          <member>
            <OptionName>SecurityGroups</OptionName>
            <Value>elasticbeanstalk-default</Value>
            <Namespace>aws:autoscaling:launchconfiguration</Namespace>
          </member>
        </OptionSettings>
      </member>
    </ConfigurationSettings>
  </DescribeConfigurationSettingsResult>
</DescribeConfigurationSettingsResponse>
```
<member>
  <OptionName>UnhealthyThreshold</OptionName>
  <Value>5</Value>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>
<member>
  <OptionName>InstanceType</OptionName>
  <Value>t1.micro</Value>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>
<member>
  <OptionName>Statistic</OptionName>
  <Value>Average</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>LoadBalancerHTTPSPort</OptionName>
  <Value>OFF</Value>
  <Namespace>aws:elb:loadbalancer</Namespace>
</member>
<member>
  <OptionName> Stickiness Cookie Expiration</OptionName>
  <Value>0</Value>
  <Namespace>aws:elb:policies</Namespace>
</member>
<member>
  <OptionName>MeasureName</OptionName>
  <Value>NetworkOut</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>Interval</OptionName>
  <Value>30</Value>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>
<member>
  <OptionName>Application Healthcheck URL</OptionName>
  <Value></Value>
  <Namespace>aws:elasticbeanstalk:application</Namespace>
</member>
<member>
  <OptionName>Notification Topic ARN</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>
<member>
  <OptionName>LowerBreachScaleIncrement</OptionName>
  <Value>-1</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<OptionName>BreachDuration</OptionName>
<Value>2</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>MonitoringInterval</OptionName>
  <Value>5 minute</Value>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <OptionName>PARAM1</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>MaxSize</OptionName>
  <Value>4</Value>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>

<member>
  <OptionName>LowerThreshold</OptionName>
  <Value>2000000</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>AWS_SECRET_KEY</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>AWS_ACCESS_KEY_ID</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>UpperThreshold</OptionName>
  <Value>6000000</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>Notification Protocol</OptionName>
  <Value>email</Value>
  <Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>

<member>
  <OptionName>Unit</OptionName>
  <Value>Bytes</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>Xmx</OptionName>
  <Value>256m</Value>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>
<member>
  <OptionName>Cooldown</OptionName>
  <Value>360</Value>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>
<member>
  <OptionName>Period</OptionName>
  <Value>1</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>
<member>
  <OptionName>Xms</OptionName>
  <Value>256m</Value>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>
<member>
  <OptionName>EC2KeyName</OptionName>
  <Value/>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>
<member>
  <OptionName>Stickiness Policy</OptionName>
  <Value>false</Value>
  <Namespace>aws:elb:policies</Namespace>
</member>
<member>
  <OptionName>PARAM3</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>
<member>
  <OptionName>HealthyThreshold</OptionName>
  <Value>3</Value>
  <Namespace>aws:elb:healthcheck</Namespace>
</member>
<member>
  <OptionName>SSLCertificateId</OptionName>
  <Value/>
  <Namespace>aws:elb:loadbalancer</Namespace>
</member>
<OptionSettings>
  <Description>Default Configuration Template</Description>
  <ApplicationName>SampleApp</ApplicationName>
  <DateCreated>2010-11-17T03:20:17.832Z</DateCreated>
  <TemplateName>Default</TemplateName>
  <DateUpdated>2010-11-17T03:20:17.832Z</DateUpdated>
</OptionSettings>
</DescribeConfigurationSettingsResult>
<ResponseMetadata>
  <RequestId>4bde8884-f273-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</DescribeConfigurationSettingsResponse>
DescribeEnvironmentResources

Description

Returns AWS resources for this environment.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

EnvironmentId
The ID of the environment to retrieve AWS resource usage data.

Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String
Required: No

EnvironmentName
The name of the environment to retrieve AWS resource usage data.

Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String


Required: No

Response Elements

The following element is returned in a structure named DescribeEnvironmentResourcesResult.

EnvironmentResources
A list of EnvironmentResourceDescription (p. 111).

Type: EnvironmentResourceDescription (p. 111)

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403
Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?EnvironmentId=e-hc8mvnayrx
&EnvironmentName=SampleAppVersion
&Operation=DescribeEnvironmentResources
&AuthParams

Sample Response

<DescribeEnvironmentResources
xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
<DescribeEnvironmentResourcesResult>
<EnvironmentResources>
<LoadBalancers>
<member>
<Name>elasticbeanstalk-SampleAppVersion</Name>
</member>
</LoadBalancers>
<LaunchConfigurations>
<member>
<Name>elasticbeanstalk-SampleAppVersion-hbAc8cSZH</Name>
</member>
</LaunchConfigurations>
<AutoScalingGroups>
<member>
<Name>elasticbeanstalk-SampleAppVersion-us-east-1c</Name>
</member>
</AutoScalingGroups>
<EnvironmentName>SampleAppVersion</EnvironmentName>
<Triggers>
<member>
<Name>elasticbeanstalk-SampleAppVersion-us-east-1c</Name>
</member>
</Triggers>
<Instances/>
</EnvironmentResources>
</DescribeEnvironmentResourcesResult>
<ResponseMetadata>
<RequestId>e1cb7b96-f287-11df-8a78-9f77047e0d0c</RequestId>
</ResponseMetadata>
</DescribeEnvironmentResourcesResponse>
DescribeEnvironments

Description

Returns descriptions for existing environments.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName

If specified, AWS Elastic Beanstalk restricts the returned descriptions to include only those that are associated with this application.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

EnvironmentIds.member.N

If specified, AWS Elastic Beanstalk restricts the returned descriptions to include only those that have the specified IDs.

Type: String list

Required: No

EnvironmentNames.member.N

If specified, AWS Elastic Beanstalk restricts the returned descriptions to include only those that have the specified names.

Type: String list

Required: No

IncludeDeleted

Indicates whether to include deleted environments:

true: Environments that have been deleted after IncludeDeletedBackTo are displayed.

false: Do not include deleted environments.

Type: Boolean

Required: No

IncludedDeletedBackTo

If specified when IncludeDeleted is set to true, then environments deleted after this date are displayed.

Type: DateTime

Required: No

VersionLabel

If specified, AWS Elastic Beanstalk restricts the returned descriptions to include only those that are associated with this application version.

Type: String
Response Elements

The following element is returned in a structure named `DescribeEnvironmentsResult`.

**Environments**
- Returns an `EnvironmentDescription` (p. 108) list.
- Type: `EnvironmentDescription` (p. 108) list

**Examples**

**Sample Request**

```
https://elasticbeanstalk.us-east-1.amazonaws.com/?ApplicationName=SampleApp
&IncludeDeleted=true
&IncludedDeletedBackTo=2008-11-05T06%3A00%3A00Z
&Operation=DescribeEnvironments
&AuthParams
```

**Sample Response**

```
<DescribeEnvironmentsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <DescribeEnvironmentsResult>
    <Environments>
      <member>
        <VersionLabel>Version1</VersionLabel>
        <Status>Available</Status>
        <ApplicationName>SampleApp</ApplicationName>
        <EndpointURL>elasticbeanstalk-SampleApp-1394386994.us-east-1.elb.amazonaws.com</EndpointURL>
        <CNAME>SampleApp-jxb293wg7n.elasticbeanstalk.amazonaws.com</CNAME>
        <Health>Green</Health>
        <EnvironmentId>e-icsgecu3wf</EnvironmentId>
        <DateUpdated>2010-11-17T04:01:40.668Z</DateUpdated>
        <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
        <Description>EnvDescrip</Description>
        <EnvironmentName>SampleApp</EnvironmentName>
        <DateCreated>2010-11-17T03:59:33.520Z</DateCreated>
      </member>
    </Environments>
  </DescribeEnvironmentsResult>
  <ResponseMetadata>
    <RequestId>44790c68-f260-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</DescribeEnvironmentsResponse>
```
DescribeEvents

Description

Returns list of event descriptions matching criteria up to the last 6 weeks.

Note
This action returns the most recent 1,000 events from the specified NextToken.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName
If specified, AWS Elastic Beanstalk restricts the returned descriptions to include only those associated with this application.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

EndTime
If specified, AWS Elastic Beanstalk restricts the returned descriptions to those that occur up to, but not including, the EndTime.

Type: DateTime

Required: No

EnvironmentId
If specified, AWS Elastic Beanstalk restricts the returned descriptions to those associated with this environment.

Type: String

Required: No

EnvironmentName
If specified, AWS Elastic Beanstalk restricts the returned descriptions to those associated with this environment.

Type: String


Required: No

MaxRecords
Specifies the maximum number of events that can be returned, beginning with the most recent event.

Type: Integer

Required: No

NextToken
Pagination token. If specified, the events return the next batch of results.

Type: String

Required: No
**RequestID**
If specified, AWS Elastic Beanstalk restricts the described events to include only those associated with this request ID.

Type: String
Required: No

**Severity**
If specified, limits the events returned from this call to include only those with the specified severity or higher.

Type: String

Valid Values: TRACE | DEBUG | INFO | WARN | ERROR | FATAL

Required: No

**StartTime**
If specified, AWS Elastic Beanstalk restricts the returned descriptions to those that occur on or after this time.

Type: DateTime
Required: No

**TemplateName**
If specified, AWS Elastic Beanstalk restricts the returned descriptions to those that are associated with this environment configuration.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

**VersionLabel**
If specified, AWS Elastic Beanstalk restricts the returned descriptions to those associated with this application version.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

## Response Elements

The following elements are returned in a structure named `DescribeEventsResult`.

**Events**
A list of `EventDescription`.

Type: `EventDescription` list

**NextToken**
If returned, this indicates that there are more results to obtain. Use this token in the next `DescribeEvents` call to get the next batch of events.

Type: String
Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?ApplicationName=SampleApp &Severity=TRACE &StartTime=2010-11-17T10%3A26%3A40Z &Operation=DescribeEvents &AuthParams

Sample Response

<DescribeEventsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <DescribeEventsResult>
    <Events>
      <member>
        <Message>Successfully completed createEnvironment activity.</Message>
        <EventDate>2010-11-17T20:25:35.191Z</EventDate>
        <VersionLabel>New Version</VersionLabel>
        <RequestId>bb01fa74-f287-11df-8a78-9f77047e0d0c</RequestId>
        <ApplicationName>SampleApp</ApplicationName>
        <EnvironmentName>SampleAppVersion</EnvironmentName>
        <Severity>INFO</Severity>
      </member>
      <member>
        <Message>Launching a new EC2 instance: i-04a8c569</Message>
        <EventDate>2010-11-17T20:21:30Z</EventDate>
        <VersionLabel>New Version</VersionLabel>
        <ApplicationName>SampleApp</ApplicationName>
        <EnvironmentName>SampleAppVersion</EnvironmentName>
        <Severity>DEBUG</Severity>
      </member>
      <member>
        <Message>At least one EC2 instance has entered the InService lifecycle state.</Message>
        <EventDate>2010-11-17T20:20:32.008Z</EventDate>
        <VersionLabel>New Version</VersionLabel>
        <RequestId>bb01fa74-f287-11df-8a78-9f77047e0d0c</RequestId>
        <ApplicationName>SampleApp</ApplicationName>
        <EnvironmentName>SampleAppVersion</EnvironmentName>
        <Severity>INFO</Severity>
      </member>
      <member>
        <Message>Elastic Load Balancer elasticbeanstalk-SampleAppVersion has failed 0 healthy instances - Environment may not be available.</Message>
        <EventDate>2010-11-17T20:19:28Z</EventDate>
        <VersionLabel>New Version</VersionLabel>
        <ApplicationName>SampleApp</ApplicationName>
        <EnvironmentName>SampleAppVersion</EnvironmentName>
        <Severity>WARN</Severity>
      </member>
    </Events>
  </DescribeEventsResult>
</DescribeEventsResponse>
<RequestID>f10d02dd-f288-11df-8a78-9f77047e0d0c</RequestID>
</ResponseMetadata>
</DescribeEventsResponse>
ListAvailableSolutionStacks

Description

Returns a list of the available solution stack names.

Response Elements

The following elements are returned in a structure named ListAvailableSolutionStacksResult.

SolutionStackDetails

A list of available solution stacks and their SolutionStackDescription (p. 119).

Type: SolutionStackDescription (p. 119) list

SolutionStacks

A list of available solution stacks.

Type: String list

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?Operation=ListAvailableSolutionStacks
&AuthParams

Sample Response

<ListAvailableSolutionStacksResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ListAvailableSolutionStacksResult>
    <SolutionStacks>
      <member>64bit Amazon Linux running Tomcat 6</member>
      <member>32bit Amazon Linux running Tomcat 6</member>
      <member>64bit Amazon Linux running Tomcat 7</member>
      <member>32bit Amazon Linux running Tomcat 7</member>
    </SolutionStacks>
  </ListAvailableSolutionStacksResult>
  <ResponseMetadata>
    <RequestId>f21e2a92-f1fc-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</ListAvailableSolutionStacksResponse>
**RebuildEnvironment**

**Description**

Deletes and recreates all of the AWS resources (for example: the Auto Scaling group, load balancer, etc.) for a specified environment and forces a restart.

**Request Parameters**

For information about the common parameters that all actions use, see Common Parameters (p. 129).

- **EnvironmentId**
  - The ID of the environment to rebuild.
  - Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.
  - Type: String
  - Required: No

- **EnvironmentName**
  - The name of the environment to rebuild.
  - Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.
  - Type: String
  - Required: No

**Errors**

For information about the errors that are common to all actions, see Common Errors (p. 131).

- **InsufficientPrivileges**
  - Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services
  - HTTP Status Code: 403

**Examples**

**Sample Request**

https://elasticbeanstalk.us-east-1.amazon.com/?EnvironmentId=e-hc8mvnayrx &EnvironmentName=SampleAppVersion &Operation=RebuildEnvironment &AuthParams
Sample Response

<RebuildEnvironmentResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ResponseMetadata>
    <RequestId>a7d6606e-f289-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
  <Response>
    <Environment>
      <EnvironmentName>example-environment</EnvironmentName>
      <EnvironmentUrl>https://example-environment.elasticbeanstalk.com</EnvironmentUrl>
    </Environment>
  </Response>
</RebuildEnvironmentResponse>
RequestEnvironmentInfo

Description

Initiates a request to compile the specified type of information of the deployed environment.

Setting the InfoType to tail compiles the last lines from the application server log files of every Amazon EC2 instance in your environment. Use RetrieveEnvironmentInfo (p. 67) to access the compiled information.

Related Topics
• RetrieveEnvironmentInfo (p. 67)

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

EnvironmentId

The ID of the environment of the requested data.

If no such environment is found, RequestEnvironmentInfo returns an InvalidParameterValue error.

Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String

Required: No

EnvironmentName

The name of the environment of the requested data.

If no such environment is found, RequestEnvironmentInfo returns an InvalidParameterValue error.

Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String


Required: No

InfoType

The type of information to request.

Type: String

Valid Values: tail
Required: Yes

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?EnvironmentId=e-hc8mvnayrx
&EnvironmentName=SampleAppVersion
&InfoType=tail
&Operation=RequestEnvironmentInfo
&AuthParams

Sample Response

<RequestEnvironmentInfoResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ResponseMetadata>
    <RequestId>126a4ff3-f28a-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</RequestEnvironmentInfoResponse>
RestartAppServer

**Description**

Causes the environment to restart the application container server running on each Amazon EC2 instance.

**Request Parameters**

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**EnvironmentId**

The ID of the environment to restart the server for.

Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns `MissingRequiredParameter` error.

Type: String  
Required: No

**EnvironmentName**

The name of the environment to restart the server for.

Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns `MissingRequiredParameter` error.

Type: String  
Required: No

**Examples**

**Sample Request**

```
https://elasticbeanstalk.us-east-1.amazonaws.com/?EnvironmentId=e-hc8mvnayrx
&EnvironmentName=SampleAppVersion
&Operation=RestartAppServer
&AuthParams
```

**Sample Response**

```
<RestartAppServerResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ResponseMetadata>
    <RequestId>90e8d1d5-f28a-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</RestartAppServerResponse>
```
RetrieveEnvironmentInfo

Description

Retrieves the compiled information from a RequestEnvironmentInfo (p. 64) request.

Related Topics

• RequestEnvironmentInfo (p. 64)

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

EnvironmentId

The ID of the data's environment.

If no such environment is found, returns an InvalidParameterValue error.

Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String

Required: No

EnvironmentName

The name of the data's environment.

If no such environment is found, returns an InvalidParameterValue error.

Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String


Required: No

InfoType

The type of information to retrieve.

Type: String

Valid Values: tail

Required: Yes

Response Elements

The following element is returned in a structure named RetrieveEnvironmentInfoResult.

EnvironmentInfo

The EnvironmentInfoDescription (p. 110) of the environment.

Type: EnvironmentInfoDescription (p. 110) list
Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?EnvironmentId=e-hc8mvnayrx
&EnvironmentName=SampleAppVersion
&InfoType=tail
&Operation=RetrieveEnvironmentInfo
&AuthParams

Sample Response

<RetrieveEnvironmentInfoResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <RetrieveEnvironmentInfoResult>
    <EnvironmentInfo>
      <member>
        <Message>
          &AuthParams
        </Message>
        <SampleTimestamp>2010-11-17T20:40:23.210Z</SampleTimestamp>
        <InfoType>tail</InfoType>
        <Ec2InstanceId>i-92a3ceff</Ec2InstanceId>
      </member>
    </EnvironmentInfo>
  </RetrieveEnvironmentInfoResult>
  <ResponseMetadata>
    <RequestId>e8e785c9-f28a-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</RetrieveEnvironmentInfoResponse>
SwapEnvironmentCNAMEs

Description

Swaps the CNAMEs of two environments.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**DestinationEnvironmentId**

The ID of the destination environment.

Condition: You must specify at least the DestinationEnvironmentId or the DestinationEnvironmentName. You may also specify both. You must specify the SourceEnvironmentId with the DestinationEnvironmentId.

Type: String

Required: No

**DestinationEnvironmentName**

The name of the destination environment.

Condition: You must specify at least the DestinationEnvironmentId or the DestinationEnvironmentName. You may also specify both. You must specify the SourceEnvironmentName with the DestinationEnvironmentName.

Type: String


Required: No

**SourceEnvironmentId**

The ID of the source environment.

Condition: You must specify at least the SourceEnvironmentId or the SourceEnvironmentName. You may also specify both. If you specify the SourceEnvironmentId, you must specify the DestinationEnvironmentId.

Type: String

Required: No

**SourceEnvironmentName**

The name of the source environment.

Condition: You must specify at least the SourceEnvironmentId or the SourceEnvironmentName. You may also specify both. If you specify the SourceEnvironmentName, you must specify the DestinationEnvironmentName.

Type: String

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?SourceEnvironmentName=SampleApp &DestinationEnvironmentName=SampleApp2 &Operation=SwapEnvironmentCNAMEs &AuthParams

Sample Response

<SwapEnvironmentCNAMEsResponse xmlns="http://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ResponseMetadata>
    <RequestId>f4e1b145-9080-11e0-8e5a-a55800ce1fc4</RequestId>
  </ResponseMetadata>
</SwapEnvironmentCNAMEsResponse>
**TerminateEnvironment**

**Description**
Terminates the specified environment.

**Request Parameters**
For information about the common parameters that all actions use, see Common Parameters (p. 129).

**EnvironmentId**
The ID of the environment to terminate.

Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String

Required: No

**EnvironmentName**
The name of the environment to terminate.

Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String


Required: No

**TerminateResources**
Indicates whether the associated AWS resources should shut down when the environment is terminated:
- **true**: The specified environment as well as the associated AWS resources, such as Auto Scaling group and LoadBalancer, are terminated.
- **false**: AWS Elastic Beanstalk resource management is removed from the environment, but the AWS resources continue to operate.

For more information, see the AWS Elastic Beanstalk User Guide.

Default: true

Valid Values: true | false

Type: Boolean

Required: No

**Response Elements**
The following elements are returned in a structure named TerminateEnvironmentResult.

**ApplicationName**
The name of the application associated with this environment.
Type: String

**CNAME**

The URL to the CNAME for this environment.

Type: String

**DateCreated**

The creation date for this environment.

Type: DateTime

**DateUpdated**

The last modified date for this environment.

Type: DateTime

**Description**

Describes this environment.

Type: String

**EndpointURL**

For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.

Type: String

**EnvironmentId**

The ID of this environment.

Type: String

**EnvironmentName**

The name of this environment.

Type: String

**Health**

Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:

- **Red**: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
- **Yellow**: Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
- **Green**: Indicates the environment is healthy and fully functional.
- **Grey**: Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an UpdateEnvironment or RestartEnvironment request.

Default: Grey

Type: String

**Resources**

The description of the AWS resources used by this environment.

Type: EnvironmentResourcesDescription (p. 112)

**SolutionStackName**

The name of the SolutionStack deployed with this environment.

Type: String

**Status**

The current operational status of the environment:
• Launching: Environment is in the process of initial deployment.
• Updating: Environment is in the process of updating its configuration settings or application version.
• Ready: Environment is available to have an action performed on it, such as update or terminate.
• Terminating: Environment is in the shut-down process.
• Terminated: Environment is not running.

Type: String

TemplateName
The name of the configuration template used to originally launch this environment.

Type: String

Tier
Describes the current tier of this environment.

Type: EnvironmentTier (p. 112)

VersionLabel
The application version deployed in this environment.

Type: String

Errors
For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?EnvironmentId=e-icsgecu3wf&EnvironmentName=SampleApp&TerminateResources=true&Operation=TerminateEnvironment&AuthParams

Sample Response

<TerminateEnvironmentResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <TerminateEnvironmentResult>
    <VersionLabel>Version1</VersionLabel>
    <Status>Terminating</Status>
    <ApplicationName>SampleApp</ApplicationName>
    <EndpointURL>elasticbeanstalk-SampleApp-1394386994.us-east-1.elb.amazonaws.com</EndpointURL>
  </TerminateEnvironmentResult>
</TerminateEnvironmentResponse>
<CNAME>SampleApp-jxb293wg7n.elasticbeanstalk.amazonaws.com</CNAME>

<Health>Grey</Health>

<EnvironmentId>e-icsgecu3wf</EnvironmentId>

<DateUpdated>2010-11-17T17:10:41.976Z</DateUpdated>

<SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>

<Description>EnvDescrip</Description>

<EnvironmentName>SampleApp</EnvironmentName>

<DateCreated>2010-11-17T03:59:33.520Z</DateCreated>

</TerminateEnvironmentResult>

<ResponseMetadata>

<RequestId>9b71af21-f26d-11df-8a78-9f77047e0d0c</RequestId>

</ResponseMetadata>

</TerminateEnvironmentResponse>
UpdateApplication

Description

Updates the specified application to have the specified properties.

Note
If a property (for example, description) is not provided, the value remains unchanged. To clear these properties, specify an empty string.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName
The name of the application to update. If no such application is found, UpdateApplication returns an InvalidParameterValue error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Description
A new description for the application.

Default: If not specified, AWS Elastic Beanstalk does not update the description.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

Response Elements

The following element is returned in a structure named UpdateApplicationResult.

Application
The ApplicationDescription (p. 94) of the application.

Type: ApplicationDescription (p. 94)

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp
&Description=Another%20Description
&Operation=UpdateApplication
&AuthParams

API Version 2010-12-01
75
Sample Response

```xml
<UpdateApplicationResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <UpdateApplicationResult>
    <Application>
      <Versions>
        <member>New Version</member>
      </Versions>
      <Description>Another Description</Description>
      <ApplicationName>SampleApp</ApplicationName>
      <DateCreated>2010-11-17T19:26:20.410Z</DateCreated>
      <DateUpdated>2010-11-17T20:42:54.611Z</DateUpdated>
      <ConfigurationTemplates>
        <member>Default</member>
      </ConfigurationTemplates>
    </Application>
  </UpdateApplicationResult>
  <ResponseMetadata>
    <RequestId>40be666b-f28b-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</UpdateApplicationResponse>
```
UpdateApplicationVersion

Description

Updates the specified application version to have the specified properties.

Note
If a property (for example, description) is not provided, the value remains unchanged. To clear properties, specify an empty string.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**ApplicationName**
The name of the application associated with this version.

If no application is found with this name, UpdateApplication returns an InvalidParameterValue error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

**Description**
A new description for this release.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

**VersionLabel**
The name of the version to update.

If no application version is found with this label, UpdateApplication returns an InvalidParameterValue error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Response Elements

The following element is returned in a structure named UpdateApplicationVersionResult.

**ApplicationVersion**
The ApplicationVersionDescription (p. 95) of the application version.

Type: ApplicationVersionDescription (p. 95)
Examples

Sample Request


Sample Response

<UpdateApplicationVersionResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <UpdateApplicationVersionResult>
    <ApplicationVersion>
      <SourceBundle>
        <S3Bucket>awsemr</S3Bucket>
        <S3Key>sample.war</S3Key>
      </SourceBundle>
      <VersionLabel>New Version</VersionLabel>
      <Description>New Release Description</Description>
      <ApplicationName>SampleApp</ApplicationName>
      <DateCreated>2010-11-17T19:26:20.699Z</DateCreated>
      <DateUpdated>2010-11-17T20:48:16.632Z</DateUpdated>
    </ApplicationVersion>
  </UpdateApplicationVersionResult>
  <ResponseMetadata>
    <RequestId>00b10aa1-f28c-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</UpdateApplicationVersionResponse>
UpdateConfigurationTemplate

Description

Updates the specified configuration template to have the specified properties or configuration option values.

Note
If a property (for example, ApplicationName) is not provided, its value remains unchanged.
To clear such properties, specify an empty string.

Related Topics
- DescribeConfigurationOptions (p. 36)

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

ApplicationName
The name of the application associated with the configuration template to update.

If no application is found with this name, UpdateConfigurationTemplate returns an InvalidParameterValue error.

Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: Yes

Description
A new description for the configuration.

Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

OptionSettings.member.N
A list of configuration option settings to update with the new specified option value.

Type: ConfigurationOptionSetting (p. 99) list
Required: No

OptionsToRemove.member.N
A list of configuration options to remove from the configuration set.

Constraint: You can remove only UserDefined configuration options.

Type: OptionSpecification (p. 117) list
Required: No

TemplateName
The name of the configuration template to update.
If no configuration template is found with this name, `UpdateConfigurationTemplate` returns an `InvalidParameterValue` error.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

Response Elements

The following elements are returned in a structure named `UpdateConfigurationTemplateResult`.

**ApplicationName**
- The name of the application associated with this configuration set.
- Type: String

**DateCreated**
- The date (in UTC time) when this configuration set was created.
- Type: DateTime

**DateUpdated**
- The date (in UTC time) when this configuration set was last modified.
- Type: DateTime

**DeploymentStatus**
- If this configuration set is associated with an environment, the `DeploymentStatus` parameter indicates the deployment status of this configuration set:
  - `null`: This configuration is not associated with a running environment.
  - `pending`: This is a draft configuration that is not deployed to the associated environment but is in the process of deploying.
  - `deployed`: This is the configuration that is currently deployed to the associated running environment.
  - `failed`: This is a draft configuration that failed to successfully deploy.
- Type: String

**Description**
- Describes this configuration set.
- Type: String

**EnvironmentName**
- If not `null`, the name of the environment for this configuration set.
- Type: String

**OptionSettings**
- A list of the configuration options and their values in this configuration set.
- Type: `ConfigurationOptionSetting` list (p. 99)

**SolutionStackName**
- The name of the solution stack this configuration set uses.
- Type: String

**TemplateName**
- If not `null`, the name of the configuration template for this configuration set.
- Type: String
Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges

Unable to perform the specified operation because the user does not have enough privileges for one
of more downstream aws services

HTTP Status Code: 403

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazon.com/?ApplicationName=SampleApp
&TemplateName=default
&Description=changed%20description
&OptionSettings.member.1.Namespace=aws%3Aautoscaling%3Atrigger
&OptionSettings.member.1.OptionName=LowerThreshold
&OptionSettings.member.1.Value=1000000
&Operation=UpdateConfigurationTemplate
&AuthParams

Sample Response

<UpdateConfigurationTemplateResponse xmlns="https://elasticbeanstalk.amazon
aws.com/docs/2010-12-01/">  
<UpdateConfigurationTemplateResult>
  <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
  <OptionSettings>
    <member>
      <OptionName>Availability Zones</OptionName>
      <Value>Any 1</Value>
      <Namespace>aws:autoscaling:asg</Namespace>
    </member>
    <member>
      <OptionName>PARAM5</OptionName>
      <Value/>
      <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
    </member>
    <member>
      <OptionName>LowerThreshold</OptionName>
      <Value>1000000</Value>
      <Namespace>aws:autoscaling:trigger</Namespace>
    </member>
    <member>
      <OptionName>UpperThreshold</OptionName>
      <Value>9000000</Value>
      <Namespace>aws:autoscaling:trigger</Namespace>
    </member>
    <member>
      <OptionName>LowerBreachScaleIncrement</OptionName>
    </member>
  </OptionSettings>
</UpdateConfigurationTemplateResponse>
<Value>-1</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>MeasureName</OptionName>
  <Value>NetworkOut</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>Period</OptionName>
  <Value>60</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>Xmx</OptionName>
  <Value>256m</Value>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <OptionName>PARAM3</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>EC2KeyName</OptionName>
  <Value/>
  <Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <OptionName>MinSize</OptionName>
  <Value>1</Value>
  <Namespace>aws:autoscaling:asg</Namespace>
</member>

<member>
  <OptionName>JVM Options</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <OptionName>XX:MaxPermSize</OptionName>
  <Value>64m</Value>
  <Namespace>aws:elasticbeanstalk:container:tomcat:jvmoptions</Namespace>
</member>

<member>
  <OptionName>AWS_SECRET_KEY</OptionName>
  <Value/>
  <Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>UpperBreachScaleIncrement</OptionName>
  <Value>1</Value>
  <Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>Notification Topic ARN</OptionName>
</member>
<Value/>
<Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>

<member>
<OptionName>InstanceType</OptionName>
<Value>t1.micro</Value>
<Namespace>aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
<OptionName>Custom Availability Zones</OptionName>
<Value>us-east-1a</Value>
<Namespace>aws:autoscaling:asg</Namespace>
</member>

<member>
<OptionName>Statistic</OptionName>
<Value>Average</Value>
<Namespace>aws:autoscaling:trigger</Namespace>
</member>

<member>
<OptionName>Notification Protocol</OptionName>
<Value>email</Value>
<Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>

<member>
<OptionName>JDBC_CONNECTION_STRING</OptionName>
<Value/></Value>
<Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
<OptionName>PARAM2</OptionName>
<Value/></Value>
<Namespace>aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
<OptionName>Stickiness Cookie Expiration</OptionName>
<Value>0</Value>
<Namespace>aws:elb:policies</Namespace>
</member>

<member>
<OptionName>SSLCertificateId</OptionName>
<Value/></Value>
<Namespace>aws:elb:loadbalancer</Namespace>
</member>

<member>
<OptionName>MaxSize</OptionName>
<Value>4</Value>
<Namespace>aws:autoscaling:asg</Namespace>
</member>

<member>
<OptionName>Stickiness Policy</OptionName>
<Value>false</Value>
<Namespace>aws:elb:policies</Namespace>
</member>

<member>
<OptionName>Notification Topic Name</OptionName>
<Value/></Value>
<Namespace>aws:elasticbeanstalk:sns:topics</Namespace>
</member>
<member>
  <OptionName>SecurityGroups</OptionName>
  <Value>elasticbeanstalk-default</Value>
  <Namespace/aws:autoscaling:launchconfiguration</Namespace>
</member>

<member>
  <OptionName>LoadBalancerHTTPPort</OptionName>
  <Value>80</Value>
  <Namespace/aws:elb:loadbalancer</Namespace>
</member>

<member>
  <OptionName>Unit</OptionName>
  <Value>None</Value>
  <Namespace/aws:autoscaling:trigger</Namespace>
</member>

<member>
  <OptionName>AWS_ACCESS_KEY_ID</OptionName>
  <Value/>
  <Namespace/aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>PARAM4</OptionName>
  <Value/>
  <Namespace/aws:elasticbeanstalk:application:environment</Namespace>
</member>

<member>
  <OptionName>Application Healthcheck URL</OptionName>
  <Value>/</Value>
  <Namespace/aws:elasticbeanstalk:application</Namespace>
</member>

<member>
  <OptionName>LoadBalancerHTTPSPort</OptionName>
  <Value>OFF</Value>
  <Namespace/aws:elb:loadbalancer</Namespace>
</member>

<member>
  <OptionName>HealthyThreshold</OptionName>
  <Value>3</Value>
  <Namespace/aws:elb:healthcheck</Namespace>
</member>

<member>
  <OptionName>Timeout</OptionName>
  <Value>5</Value>
  <Namespace/aws:elb:healthcheck</Namespace>
</member>

<member>
  <OptionName>Cooldown</OptionName>
  <Value>0</Value>
  <Namespace/aws:autoscaling:asg</Namespace>
</member>

<member>
  <OptionName>UnhealthyThreshold</OptionName>
  <Value>5</Value>
  <Namespace/aws:elb:healthcheck</Namespace>
</member>

<member>
  <OptionName>Interval</OptionName>
  <Value>30</Value>
</member>
<OptionSettings>
  <member>
  <OptionName>aws:elb:healthcheck</OptionName>
  </member>
  <member>
  <OptionName>LogPublicationControl</OptionName>
  <Value>false</Value>
  </member>
  <member>
  <OptionName>BreachDuration</OptionName>
  <Value>120</Value>
  </member>
  <member>
  <OptionName>PARAM1</OptionName>
  <Value/>
  </member>
  <member>
  <OptionName>Notification Endpoint</OptionName>
  <Value/>
  </member>
  <member>
  <OptionName>Protocol</OptionName>
  <Value>HTTP</Value>
  </member>
  <member>
  <OptionName>Xms</OptionName>
  <Value>256m</Value>
  </member>
  </OptionSettings>

<Description>changed description</Description>
<ApplicationName>SampleApp</ApplicationName>
<DateCreated>2010-11-17T19:26:20.420Z</DateCreated>
<TemplateName>Default</TemplateName>
<DateUpdated>2010-11-17T20:58:27.508Z</DateUpdated>
<UpdateConfigurationTemplateResult>
  <RequestId>6cbcb09a-f28d-11df-8a78-9f77047e0d0c</RequestId>
</UpdateConfigurationTemplateResponse>
UpdateEnvironment

Description

Updates the environment description, deploys a new application version, updates the configuration settings to an entirely new configuration template, or updates select configuration option values in the running environment.

Attempting to update both the release and configuration is not allowed and AWS Elastic Beanstalk returns an InvalidParameterCombination error.

When updating the configuration settings to a new template or individual settings, a draft configuration is created and DescribeConfigurationSettings (p. 47) for this environment returns two setting descriptions with different DeploymentStatus values.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

Description
If this parameter is specified, AWS Elastic Beanstalk updates the description of this environment.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

EnvironmentId
The ID of the environment to update.

If no environment with this ID exists, AWS Elastic Beanstalk returns an InvalidParameterValue error.

Condition: You must specify either this or an EnvironmentName, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String

Required: No

EnvironmentName
The name of the environment to update. If no environment with this name exists, AWS Elastic Beanstalk returns an InvalidParameterValue error.

Condition: You must specify either this or an EnvironmentId, or both. If you do not specify either, AWS Elastic Beanstalk returns MissingRequiredParameter error.

Type: String


Required: No

OptionSettings.member.N
If specified, AWS Elastic Beanstalk updates the configuration set associated with the running environment and sets the specified configuration options to the requested value.

Type: ConfigurationOptionSetting (p. 99) list
Required: No

**OptionsToRemove.member.N**
A list of custom user-defined configuration options to remove from the configuration set for this environment.

Type: `OptionSpecification (p. 117)` list

Required: No

**TemplateName**
If this parameter is specified, AWS Elastic Beanstalk deploys this configuration template to the environment. If no such configuration template is found, AWS Elastic Beanstalk returns an `InvalidParameterValue` error.

Type: `String`

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

**Tier**
This specifies the tier to use to update the environment.

Condition: You can only update the tier version for an environment. If you change the name of the type, AWS Elastic Beanstalk returns `InvalidParameterValue` error.

Type: `EnvironmentTier (p. 112)`

Required: No

**VersionLabel**
If this parameter is specified, AWS Elastic Beanstalk deploys the named application version to the environment. If no such application version is found, returns an `InvalidParameterValue` error.

Type: `String`

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

## Response Elements

The following elements are returned in a structure named `UpdateEnvironmentResult`.

**ApplicationName**
The name of the application associated with this environment.

Type: `String`

**CNAME**
The URL to the CNAME for this environment.

Type: `String`

**DateCreated**
The creation date for this environment.

Type: `DateTime`

**DateUpdated**
The last modified date for this environment.

Type: `DateTime`
**Description**
Describes this environment.

Type: String

**EndpointURL**
For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.

Type: String

**EnvironmentId**
The ID of this environment.

Type: String

**EnvironmentName**
The name of this environment.

Type: String

**Health**
Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:

- **Red**: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
- **Yellow**: Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
- **Green**: Indicates the environment is healthy and fully functional.
- **Grey**: Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an UpdateEnvironment or RestartEnvironment request.

Default: Grey

Type: String

**Resources**
The description of the AWS resources used by this environment.

Type: EnvironmentResourcesDescription (p. 112)

**SolutionStackName**
The name of the SolutionStack deployed with this environment.

Type: String

**Status**
The current operational status of the environment:

- **Launching**: Environment is in the process of initial deployment.
- **Updating**: Environment is in the process of updating its configuration settings or application version.
- **Ready**: Environment is available to have an action performed on it, such as update or terminate.
- **Terminating**: Environment is in the shut-down process.
- **Terminated**: Environment is not running.

Type: String

**TemplateName**
The name of the configuration template used to originally launch this environment.

Type: String
Tier
Describes the current tier of this environment.
Type: EnvironmentTier (p. 112)

VersionLabel
The application version deployed in this environment.
Type: String

Errors
For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream AWS services

HTTP Status Code: 403

Examples

Sample Request

https://elasticbeanstalk.us-east-1.amazonaws.com/?EnvironmentId=e-hc8mvnayrx
&EnvironmentName=SampleAppVersion
&TemplateName=default
&OptionsToRemove.member.1.Namespace=aws%3Aautoscaling%3Atrigger
&OptionsToRemove.member.1.OptionName=MeasureName
&Operation=UpdateEnvironment
&AuthParams

Sample Response

<UpdateEnvironmentResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
 <UpdateEnvironmentResult>
  <VersionLabel>New Version</VersionLabel>
  <Status>Deploying</Status>
  <ApplicationName>SampleApp</ApplicationName>
  <CNAME>SampleApp.elasticbeanstalk.amazonaws.com</CNAME>
 <Health>Grey</Health>
 <EnvironmentId>e-hc8mvnayrx</EnvironmentId>
 <DateUpdated>2010-11-17T21:05:55.251Z</DateUpdated>
 <SolutionStackName>32bit Amazon Linux running Tomcat 7</SolutionStackName>
 <Description>SampleAppDescription</Description>
 <EnvironmentName>SampleAppVersion</EnvironmentName>
 <DateCreated>2010-11-17T20:17:42.339Z</DateCreated>
 </UpdateEnvironmentResult>
 <ResponseMetadata>
  <RequestId>7705f0bc-f28e-11df-8a78-9f77047e0d0c</RequestId>
 </ResponseMetadata>
</UpdateEnvironmentResponse>
</ResponseMetadata>
</UpdateEnvironmentResponse>
ValidateConfigurationSettings

Description

Takes a set of configuration settings and either a configuration template or environment, and determines whether those values are valid.

This action returns a list of messages indicating any errors or warnings associated with the selection of option values.

Request Parameters

For information about the common parameters that all actions use, see Common Parameters (p. 129).

**ApplicationName**

The name of the application that the configuration template or environment belongs to.

- Type: String
- Length constraints: Minimum length of 1. Maximum length of 100.
- Required: Yes

**EnvironmentName**

The name of the environment to validate the settings against.

- Condition: You cannot specify both this and a configuration template name.
- Type: String
- Required: No

**OptionSettings.member.N**

A list of the options and desired values to evaluate.

- Type: ConfigurationOptionSetting (p. 99) list
- Required: Yes

**TemplateName**

The name of the configuration template to validate the settings against.

- Condition: You cannot specify both this and an environment name.
- Type: String
- Length constraints: Minimum length of 1. Maximum length of 100.
- Required: No

Response Elements

The following element is returned in a structure named ValidateConfigurationSettingsResult.

**Messages**

A list of ValidationMessage (p. 127).
Type: ValidationMessage (p. 127) list

Errors

For information about the errors that are common to all actions, see Common Errors (p. 131).

InsufficientPrivileges
Unable to perform the specified operation because the user does not have enough privileges for one of more downstream aws services

HTTP Status Code: 403

Examples

Sample Request


Sample Response

<ValidateConfigurationSettingsResponse xmlns="https://elasticbeanstalk.amazonaws.com/docs/2010-12-01/">
  <ValidateConfigurationSettingsResult>
    <Messages/>
  </ValidateConfigurationSettingsResult>
  <ResponseMetadata>
    <RequestId>06f1cfff-f28f-11df-8a78-9f77047e0d0c</RequestId>
  </ResponseMetadata>
</ValidateConfigurationSettingsResponse>
Data Types

The AWS Elastic Beanstalk API contains several data types that various actions use. This section describes each data type in detail.

**Note**
The order of each element in the response is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- `ApplicationDescription` (p. 94)
- `ApplicationVersionDescription` (p. 95)
- `AutoScalingGroup` (p. 96)
- `CheckDNSAvailabilityResult` (p. 96)
- `ConfigurationOptionDescription` (p. 97)
- `ConfigurationOptionSetting` (p. 99)
- `ConfigurationSettingsDescription` (p. 99)
- `CreateApplicationResult` (p. 101)
- `CreateApplicationVersionResult` (p. 101)
- `CreateConfigurationTemplateResult` (p. 101)
- `CreateEnvironmentResult` (p. 103)
- `CreateStorageLocationResult` (p. 105)
- `DescribeApplicationLocationsResult` (p. 105)
- `DescribeApplicationsResult` (p. 106)
- `DescribeConfigurationOptionsResult` (p. 106)
- `DescribeConfigurationSettingsResult` (p. 107)
- `DescribeEnvironmentResourcesResult` (p. 107)
- `DescribeEnvironmentsResult` (p. 107)
- `DescribeEventsResult` (p. 108)
- `EnvironmentDescription` (p. 108)
- `EnvironmentInfoDescription` (p. 110)
- `EnvironmentResourceDescription` (p. 111)
- `EnvironmentResourcesDescription` (p. 112)
- `EnvironmentTier` (p. 112)
ApplicationDescription

Description

Describes the properties of an application.

Contents

ApplicationName
  The name of the application.
  
  Type: String
  
  Length constraints: Minimum length of 1. Maximum length of 100.
  
  Required: No

ConfigurationTemplates
  The names of the configuration templates associated with this application.
  
  Type: String list
  
  Required: No

DateCreated
  The date when the application was created.
  
  Type: DateTime
Required: No

**DateUpdated**
The date when the application was last modified.
Type: DateTime
Required: No

**Description**
User-defined description of the application.
Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

**Versions**
The names of the versions for this application.
Type: String list
Required: No

---

**ApplicationVersionDescription**

**Description**
Describes the properties of an application version.

**Contents**

**ApplicationName**
The name of the application associated with this release.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

**DateCreated**
The creation date of the application version.
Type: DateTime
Required: No

**DateUpdated**
The last modified date of the application version.
Type: DateTime
Required: No

**Description**
The description of this application version.
Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

SourceBundle
The location where the source bundle is located for this version.
Type: S3Location (p. 118)
Required: No

VersionLabel
A label uniquely identifying the version for the associated application.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

AutoScalingGroup

Description
Describes an Auto Scaling launch configuration.

Contents

Name
The name of the AutoScalingGroup.
Type: String
Required: No

CheckDNSAvailabilityResult

Description
Indicates if the specified CNAME is available.

Contents

Available
Indicates if the specified CNAME is available:
• true: The CNAME is available.
• false: The CNAME is not available.
Type: Boolean
Required: No
**FullyQualifiedCNAME**

The fully qualified CNAME to reserve when CreateEnvironment (p. 18) is called with the provided prefix.

Type: String

Length constraints: Minimum length of 1. Maximum length of 255.

Required: No

---

**ConfigurationOptionDescription**

**Description**

Describes the possible values for a configuration option.

**Contents**

**ChangeSeverity**

An indication of which action is required if the value for this configuration option changes:

- **NoInterruption**: There is no interruption to the environment or application availability.
- **RestartEnvironment**: The environment is entirely restarted, all AWS resources are deleted and recreated, and the environment is unavailable during the process.
- **RestartApplicationServer**: The environment is available the entire time. However, a short application outage occurs when the application servers on the running Amazon EC2 instances are restarted.

Type: String

Required: No

**DefaultValue**

The default value for this configuration option.

Type: String

Required: No

**MaxLength**

If specified, the configuration option must be a string value no longer than this value.

Type: Integer

Required: No

**MaxValue**

If specified, the configuration option must be a numeric value less than this value.

Type: Integer

Required: No

**MinValue**

If specified, the configuration option must be a numeric value greater than this value.

Type: Integer

Required: No
Name
The name of the configuration option.
Type: String
Required: No

Namespace
A unique namespace identifying the option's associated AWS resource.
Type: String
Required: No

Regex
If specified, the configuration option must be a string value that satisfies this regular expression.
Type: OptionRestrictionRegex (p. 116)
Required: No

UserDefined
An indication of whether the user defined this configuration option:
• true: This configuration option was defined by the user. It is a valid choice for specifying if this
as an Option to Remove when updating configuration settings.
• false: This configuration was not defined by the user.
Constraint: You can remove only UserDefined options from a configuration.
Valid Values: true | false
Type: Boolean
Required: No

ValueOptions
If specified, values for the configuration option are selected from this list.
Type: String list
Required: No

ValueType
An indication of which type of values this option has and whether it is allowable to select one or more
than one of the possible values:
• Scalar: Values for this option are a single selection from the possible values, or an unformatted
string, or numeric value governed by the MIN/MAX/Regex constraints.
• List: Values for this option are multiple selections from the possible values.
• Boolean: Values for this option are either true or false.
Type: String
Valid Values: Scalar | List
Required: No
ConfigurationOptionSetting

Description

A specification identifying an individual configuration option along with its current value. For a list of possible option values, go to Option Values in the AWS Elastic Beanstalk Developer Guide.

Contents

Namespace
A unique namespace identifying the option's associated AWS resource.
Type: String
Required: No

OptionName
The name of the configuration option.
Type: String
Required: No

Value
The current value for the configuration option.
Type: String
Required: No

ConfigurationSettingsDescription

Description

Describes the settings for a configuration set.

Contents

ApplicationName
The name of the application associated with this configuration set.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

DateCreated
The date (in UTC time) when this configuration set was created.
Type: DateTime
Required: No

DateUpdated
The date (in UTC time) when this configuration set was last modified.
Type: DateTime
Required: No

DeploymentStatus
If this configuration set is associated with an environment, the DeploymentStatus parameter indicates the deployment status of this configuration set:

- **null**: This configuration is not associated with a running environment.
- **pending**: This is a draft configuration that is not deployed to the associated environment but is in the process of deploying.
- **deployed**: This is the configuration that is currently deployed to the associated running environment.
- **failed**: This is a draft configuration that failed to successfully deploy.

Type: String
Valid Values: deployed | pending | failed
Required: No

Description
Describes this configuration set.

Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

EnvironmentName
If not null, the name of the environment for this configuration set.

Type: String
Required: No

OptionSettings
A list of the configuration options and their values in this configuration set.

Type: ConfigurationOptionSetting (p. 99) list
Required: No

SolutionStackName
The name of the solution stack this configuration set uses.

Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No

TemplateName
If not null, the name of the configuration template for this configuration set.

Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No
CreateApplicationResult

**Description**

Result message containing a single description of an application.

**Contents**

- **Application**
  - The ApplicationDescription (p. 94) of the application.
  - Type: ApplicationDescription (p. 94)
  - Required: No

CreateApplicationVersionResult

**Description**

Result message wrapping a single description of an application version.

**Contents**

- **ApplicationVersion**
  - The ApplicationVersionDescription (p. 95) of the application version.
  - Type: ApplicationVersionDescription (p. 95)
  - Required: No

CreateConfigurationTemplateResult

**Description**

Describes the settings for a configuration set.

**Contents**

- **ApplicationName**
  - The name of the application associated with this configuration set.
  - Type: String
  - Length constraints: Minimum length of 1. Maximum length of 100.
  - Required: No

- **DateCreated**
  - The date (in UTC time) when this configuration set was created.
Type: DateTime
Required: No

**DateUpdated**
The date (in UTC time) when this configuration set was last modified.

Type: DateTime
Required: No

**DeploymentStatus**
If this configuration set is associated with an environment, the `DeploymentStatus` parameter indicates the deployment status of this configuration set:

- `null`: This configuration is not associated with a running environment.
- `pending`: This is a draft configuration that is not deployed to the associated environment but is in the process of deploying.
- `deployed`: This is the configuration that is currently deployed to the associated running environment.
- `failed`: This is a draft configuration that failed to successfully deploy.

Type: String
Valid Values: deployed | pending | failed
Required: No

**Description**
Describes this configuration set.

Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

**EnvironmentName**
If not `null`, the name of the environment for this configuration set.

Type: String
Required: No

**OptionSettings**
A list of the configuration options and their values in this configuration set.

Type: `ConfigurationOptionSetting (p. 99)` list
Required: No

**SolutionStackName**
The name of the solution stack this configuration set uses.

Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No

**TemplateName**
If not `null`, the name of the configuration template for this configuration set.

Type: String
CreateEnvironmentResult

Description
Describes the properties of an environment.

Contents

ApplicationName
The name of the application associated with this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

CNAME
The URL to the CNAME for this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 255.
Required: No

DateCreated
The creation date for this environment.
Type: DateTime
Required: No

DateUpdated
The last modified date for this environment.
Type: DateTime
Required: No

Description
Describes this environment.
Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

EndpointURL
For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.
Type: String
Required: No
EnvironmentId
The ID of this environment.
Type: String
Required: No

EnvironmentName
The name of this environment.
Type: String
Required: No

Health
Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:
- Red: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
- Yellow: Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
- Green: Indicates the environment is healthy and fully functional.
- Grey: Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an UpdateEnvironment or RestartEnvironment request.

Default: Grey
Type: String
Valid Values: Green | Yellow | Red | Grey
Required: No

Resources
The description of the AWS resources used by this environment.
Type: EnvironmentResourcesDescription (p. 112)
Required: No

SolutionStackName
The name of the SolutionStack deployed with this environment.
Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No

Status
The current operational status of the environment:
- Launching: Environment is in the process of initial deployment.
- Updating: Environment is in the process of updating its configuration settings or application version.
- Ready: Environment is available to have an action performed on it, such as update or terminate.
- Terminating: Environment is in the shut-down process.
- Terminated: Environment is not running.
Type: String

Valid Values: Launching | Updating | Ready | Terminating | Terminated

Required: No

TemplateName
The name of the configuration template used to originally launch this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

Tier
Describes the current tier of this environment.
Type: EnvironmentTier (p. 112)
Required: No

VersionLabel
The application version deployed in this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

CreateStorageLocationResult

Description
Results of a CreateStorageLocationResult (p. 105) call.

Contents

S3Bucket
The name of the Amazon S3 bucket created.
Type: String
Length constraints: Minimum length of 0. Maximum length of 255.
Required: No

DescribeApplicationVersionsResult

Description
Result message wrapping a list of application version descriptions.
Contents

ApplicationVersions
A list of ApplicationVersionDescription (p. 95).

Type: ApplicationVersionDescription (p. 95) list
Required: No

DescribeApplicationsResult

Description
Result message containing a list of application descriptions.

Contents

Applications
This parameter contains a list of ApplicationDescription (p. 94).

Type: ApplicationDescription (p. 94) list
Required: No

DescribeConfigurationOptionsResult

Description
Describes the settings for a specified configuration set.

Contents

Options
A list of ConfigurationOptionDescription (p. 97).

Type: ConfigurationOptionDescription (p. 97) list
Required: No

SolutionStackName
The name of the solution stack these configuration options belong to.

Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No
DescribeConfigurationSettingsResult

Description

The results from a request to change the configuration settings of an environment.

Contents

ConfigurationSettings
A list of ConfigurationSettingsDescription (p. 99).
Type: ConfigurationSettingsDescription (p. 99) list
Required: No

DescribeEnvironmentResourcesResult

Description

Result message containing a list of environment resource descriptions.

Contents

EnvironmentResources
A list of EnvironmentResourceDescription (p. 111).
Type: EnvironmentResourceDescription (p. 111)
Required: No

DescribeEnvironmentsResult

Description

Result message containing a list of environment descriptions.

Contents

Environments
Returns an EnvironmentDescription (p. 108) list.
Type: EnvironmentDescription (p. 108) list
Required: No
DescribeEventsResult

Description

Result message wrapping a list of event descriptions.

Contents

Events
A list of EventDescription (p. 113).
Type: EventDescription (p. 113) list
Required: No

NextToken
If returned, this indicates that there are more results to obtain. Use this token in the next DescribeEvents (p. 57) call to get the next batch of events.
Type: String
Required: No

EnvironmentDescription

Description

Describes the properties of an environment.

Contents

ApplicationName
The name of the application associated with this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

CNAME
The URL to the CNAME for this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 255.
Required: No

DateCreated
The creation date for this environment.
Type: DateTime
Required: No
DateUpdated
   The last modified date for this environment.
   Type: DateTime
   Required: No

Description
   Describes this environment.
   Type: String
   Length constraints: Minimum length of 0. Maximum length of 200.
   Required: No

EndpointURL
   For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.
   Type: String
   Required: No

EnvironmentId
   The ID of this environment.
   Type: String
   Required: No

EnvironmentName
   The name of this environment.
   Type: String
   Required: No

Health
   Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:
   • Red: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
   • Yellow: Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
   • Green: Indicates the environment is healthy and fully functional.
   • Grey: Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an UpdateEnvironment or RestartEnvironment request.
   Default: Grey
   Type: String
   Valid Values: Green | Yellow | Red | Grey
   Required: No

Resources
   The description of the AWS resources used by this environment.
   Type: EnvironmentResourcesDescription (p. 112)
Required: No

**SolutionStackName**
The name of the SolutionStack deployed with this environment.

Type: String

Length constraints: Minimum length of 0. Maximum length of 100.

Required: No

**Status**
The current operational status of the environment:
- **Launching**: Environment is in the process of initial deployment.
- **Updating**: Environment is in the process of updating its configuration settings or application version.
- **Ready**: Environment is available to have an action performed on it, such as update or terminate.
- **Terminating**: Environment is in the shut-down process.
- **Terminated**: Environment is not running.

Type: String

Valid Values: Launching | Updating | Ready | Terminating | Terminated

Required: No

**TemplateName**
The name of the configuration template used to originally launch this environment.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

**Tier**
Describes the current tier of this environment.

Type: EnvironmentTier (p. 112)

Required: No

**VersionLabel**
The application version deployed in this environment.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

---

**EnvironmentInfoDescription**

**Description**

The information retrieved from the Amazon EC2 instances.
Contents

Ec2InstanceId
The Amazon EC2 Instance ID for this information.
Type: String
Required: No

InfoType
The type of information retrieved.
Type: String
Valid Values: tail
Required: No

Message
The retrieved information.
Type: String
Required: No

SampleTimestamp
The time stamp when this information was retrieved.
Type: DateTime
Required: No

EnvironmentResourceDescription

Description
Describes the AWS resources in use by this environment. This data is live.

Contents

AutoScalingGroups
The AutoScalingGroups used by this environment.
Type: AutoScalingGroup (p. 96) list
Required: No

EnvironmentName
The name of the environment.
Type: String
Required: No

Instances
The Amazon EC2 instances used by this environment.
Type: Instance (p. 114) list
Required: No

**LaunchConfigurations**
The Auto Scaling launch configurations in use by this environment.

Type: LaunchConfiguration (p. 114) list

Required: No

**LoadBalancers**
The LoadBalancers in use by this environment.

Type: LoadBalancer (p. 116) list

Required: No

**Queues**
The queues used by this environment.

Type: Queue (p. 117) list

Required: No

**Triggers**
The AutoScaling triggers in use by this environment.

Type: Trigger (p. 122) list

Required: No

---

**EnvironmentResourcesDescription**

**Description**
Describes the AWS resources in use by this environment. This data is not live data.

**Contents**

**LoadBalancer**
Describes the LoadBalancer.

Type: LoadBalancerDescription (p. 116)

Required: No

---

**EnvironmentTier**

**Description**
Describes the properties of an environment tier

**Contents**

**Name**
The name of this environment tier.
EventDescription

Description

Describes an event.

Contents

ApplicationName

The application associated with the event.

Type: String

Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

EnvironmentName

The name of the environment associated with this event.

Type: String


Required: No

EventDate

The date when the event occurred.

Type: DateTime

Required: No

Message

The event message.

Type: String

Required: No

RequestId

The web service request ID for the activity of this event.
Type: String  
Required: No  
**Severity**  
The severity level of this event.  
Type: String  
Valid Values: TRACE | DEBUG | INFO | WARN | ERROR | FATAL  
Required: No  
**TemplateName**  
The name of the configuration associated with this event.  
Type: String  
Length constraints: Minimum length of 1. Maximum length of 100.  
Required: No  
**VersionLabel**  
The release label for the application version associated with this event.  
Type: String  
Length constraints: Minimum length of 1. Maximum length of 100.  
Required: No  

**Instance**

**Description**  
The description of an Amazon EC2 instance.  

**Contents**

**Id**  
The ID of the Amazon EC2 instance.  
Type: String  
Required: No

**LaunchConfiguration**

**Description**  
Describes an Auto Scaling launch configuration.
Contents

Name
The name of the launch configuration.
Type: String
Required: No

ListAvailableSolutionStacksResult

Description
A list of available AWS Elastic Beanstalk solution stacks.

Contents

SolutionStackDetails
A list of available solution stacks and their SolutionStackDescription (p. 119).
Type: SolutionStackDescription (p. 119) list
Required: No

SolutionStacks
A list of available solution stacks.
Type: String list
Required: No

Listener

Description
Describes the properties of a Listener for the LoadBalancer.

Contents

Port
The port that is used by the Listener.
Type: Integer
Required: No

Protocol
The protocol that is used by the Listener.
Type: String
Required: No
LoadBalancer

Description
Describes a LoadBalancer.

Contents

Name
The name of the LoadBalancer.
Type: String
Required: No

LoadBalancerDescription

Description
Describes the details of a LoadBalancer.

Contents

Domain
The domain name of the LoadBalancer.
Type: String
Required: No

Listeners
A list of Listeners used by the LoadBalancer.
Type: Listener (p. 115) list
Required: No

LoadBalancerName
The name of the LoadBalancer.
Type: String
Required: No

OptionRestrictionRegex

Description
A regular expression representing a restriction on a string configuration option value.
Contents

Label
A unique name representing this regular expression.
Type: String
Required: No

Pattern
The regular expression pattern that a string configuration option value with this restriction must match.
Type: String
Required: No

OptionSpecification

Description
A specification identifying an individual configuration option.

Contents

Namespace
A unique namespace identifying the option's associated AWS resource.
Type: String
Required: No

OptionName
The name of the configuration option.
Type: String
Required: No

Queue

Description
Describes a queue.

Contents

Name
The name of the queue.
Type: String
Required: No
**URL**
The URL of the queue.

Type: String  
Required: No

**RetrieveEnvironmentInfoResult**

**Description**
Result message containing a description of the requested environment info.

**Contents**

**EnvironmentInfo**
The EnvironmentInfoDescription (p. 110) of the environment.

Type: EnvironmentInfoDescription (p. 110) list  
Required: No

**S3Location**

**Description**
A specification of a location in Amazon S3.

**Contents**

**S3Bucket**
The Amazon S3 bucket where the data is located.

Type: String  
Length constraints: Minimum length of 0. Maximum length of 255.  
Required: No

**S3Key**
The Amazon S3 key where the data is located.

Type: String  
Length constraints: Minimum length of 0. Maximum length of 1024.  
Required: No
SolutionStackDescription

Description
Describes the solution stack.

Contents

PermittedFileTypes
The permitted file types allowed for a solution stack.
Type: String list
Required: No

SolutionStackName
The name of the solution stack.
Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No

SourceConfiguration

Description
A specification for an environment configuration

Contents

ApplicationName
The name of the application associated with the configuration.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

TemplateName
The name of the configuration template.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No
**TerminateEnvironmentResult**

**Description**
Describes the properties of an environment.

**Contents**

**ApplicationName**
The name of the application associated with this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

**CNAME**
The URL to the CNAME for this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 255.
Required: No

**DateCreated**
The creation date for this environment.
Type: DateTime
Required: No

**DateUpdated**
The last modified date for this environment.
Type: DateTime
Required: No

**Description**
Describes this environment.
Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

**EndpointURL**
For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.
Type: String
Required: No

**EnvironmentId**
The ID of this environment.
Type: String
EnvironmentName
The name of this environment.

Type: String


Health
Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:

- Red: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
- Yellow: Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
- Green: Indicates the environment is healthy and fully functional.
- Grey: Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an UpdateEnvironment or RestartEnvironment request.

Default: Grey

Type: String

Valid Values: Green | Yellow | Red | Grey

Resources
The description of the AWS resources used by this environment.

Type: EnvironmentResourcesDescription (p. 112)

SolutionStackName
The name of the SolutionStack deployed with this environment.

Type: String

Length constraints: Minimum length of 0. Maximum length of 100.

Status
The current operational status of the environment:

- Launching: Environment is in the process of initial deployment.
- Updating: Environment is in the process of updating its configuration settings or application version.
- Ready: Environment is available to have an action performed on it, such as update or terminate.
- Terminating: Environment is in the shut-down process.
- Terminated: Environment is not running.

Type: String

Valid Values: Launching | Updating | Ready | Terminating | Terminated

Required: No
TemplateName
The name of the configuration template used to originally launch this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

Tier
Describes the current tier of this environment.
Type: EnvironmentTier (p. 112)
Required: No

VersionLabel
The application version deployed in this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

Trigger

Description
Describes a trigger.

Contents

Name
The name of the trigger.
Type: String
Required: No

UpdateApplicationResult

Description
Result message containing a single description of an application.

Contents

Application
The ApplicationDescription (p. 94) of the application.
Type: ApplicationDescription (p. 94)
Required: No
UpdateApplicationVersionResult

Description
Result message wrapping a single description of an application version.

Contents

ApplicationVersion
The ApplicationVersionDescription (p. 95) of the application version.
Type: ApplicationVersionDescription (p. 95)
Required: No

UpdateConfigurationTemplateResult

Description
Describes the settings for a configuration set.

Contents

ApplicationName
The name of the application associated with this configuration set.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

DateCreated
The date (in UTC time) when this configuration set was created.
Type: DateTime
Required: No

DateUpdated
The date (in UTC time) when this configuration set was last modified.
Type: DateTime
Required: No

DeploymentStatus
If this configuration set is associated with an environment, the DeploymentStatus parameter indicates the deployment status of this configuration set:
• null: This configuration is not associated with a running environment.
• pending: This is a draft configuration that is not deployed to the associated environment but is in the process of deploying.
• deployed: This is the configuration that is currently deployed to the associated running environment.
• failed: This is a draft configuration that failed to successfully deploy.
Type: String
Valid Values: deployed | pending | failed
Required: No

**Description**
Describes this configuration set.

Type: String
Length constraints: Minimum length of 0. Maximum length of 200.
Required: No

**EnvironmentName**
If not null, the name of the environment for this configuration set.

Type: String
Required: No

**OptionSettings**
A list of the configuration options and their values in this configuration set.

Type: `ConfigurationOptionSetting (p. 99)` list
Required: No

**SolutionStackName**
The name of the solution stack this configuration set uses.

Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No

**TemplateName**
If not null, the name of the configuration template for this configuration set.

Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

---

**UpdateEnvironmentResult**

**Description**
Describes the properties of an environment.

**Contents**

**ApplicationName**
The name of the application associated with this environment.

Type: String
Length constraints: Minimum length of 1. Maximum length of 100.

Required: No

**CNAME**
The URL to the CNAME for this environment.

Type: String

Length constraints: Minimum length of 1. Maximum length of 255.

Required: No

**DateCreated**
The creation date for this environment.

Type: DateTime

Required: No

**DateUpdated**
The last modified date for this environment.

Type: DateTime

Required: No

**Description**
Describes this environment.

Type: String

Length constraints: Minimum length of 0. Maximum length of 200.

Required: No

**EndpointURL**
For load-balanced, autoscaling environments, the URL to the LoadBalancer. For single-instance environments, the IP address of the instance.

Type: String

Required: No

**EnvironmentId**
The ID of this environment.

Type: String

Required: No

**EnvironmentName**
The name of this environment.

Type: String


Required: No

**Health**
Describes the health status of the environment. AWS Elastic Beanstalk indicates the failure levels for a running environment:

- Red: Indicates the environment is not responsive. Occurs when three or more consecutive failures occur for an environment.
• **Yellow:** Indicates that something is wrong. Occurs when two consecutive failures occur for an environment.
• **Green:** Indicates the environment is healthy and fully functional.
• **Grey:** Default health for a new environment. The environment is not fully launched and health checks have not started or health checks are suspended during an `UpdateEnvironment` or `RestartEnvironment` request.

Default: Grey
Type: String
Valid Values: Green | Yellow | Red | Grey
Required: No

**Resources**
The description of the AWS resources used by this environment.
Type: `EnvironmentResourcesDescription (p. 112)`
Required: No

**SolutionStackName**
The name of the SolutionStack deployed with this environment.
Type: String
Length constraints: Minimum length of 0. Maximum length of 100.
Required: No

**Status**
The current operational status of the environment:
• **Launching:** Environment is in the process of initial deployment.
• **Updating:** Environment is in the process of updating its configuration settings or application version.
• **Ready:** Environment is available to have an action performed on it, such as update or terminate.
• **Terminating:** Environment is in the shut-down process.
• **Terminated:** Environment is not running.
Type: String
Valid Values: Launching | Updating | Ready | Terminating | Terminated
Required: No

**TemplateName**
The name of the configuration template used to originally launch this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

**Tier**
Describes the current tier of this environment.
Type: `EnvironmentTier (p. 112)`
Required: No
VersionLabel
The application version deployed in this environment.
Type: String
Length constraints: Minimum length of 1. Maximum length of 100.
Required: No

ValidateConfigurationSettingsResult

Description
Provides a list of validation messages.

Contents

Messages
A list of ValidationMessage (p. 127).
Type: ValidationMessage (p. 127) list
Required: No

ValidationMessage

Description
An error or warning for a desired configuration option value.

Contents

Message
A message describing the error or warning.
Type: String
Required: No
Namespace
Type: String
Required: No
OptionName
Type: String
Required: No
Severity
An indication of the severity of this message:
• error: This message indicates that this is not a valid setting for an option.
• warning: This message is providing information you should take into account.

Type: String

Valid Values: error | warning

Required: No
Common Parameters

This section lists the request parameters that all actions use. Any action-specific parameters are listed in the topic for the action.

**Action**
The action to be performed.

Default: None
Type: string
Required: Yes

**AuthParams**
The parameters that are required to authenticate a Conditional request. Contains:
- AWSAccessKeyId
- SignatureVersion
- Timestamp
- Signature

Default: None
Required: Conditional

**AWSAccessKeyId**
The access key ID that corresponds to the secret access key that you used to sign the request.

Default: None
Type: string
Required: Yes

**Expires**
The date and time when the request signature expires, expressed in the format YYYY-MM-DDThh:mm:ssZ, as specified in the ISO 8601 standard.

Condition: Requests must include either Timestamp or Expires, but not both.

Default: None
Type: string
Required: Conditional

**SecurityToken**
The temporary security token that was obtained through a call to AWS Security Token Service. For a list of services that support AWS Security Token Service, go to Using Temporary Security Credentials to Access AWS in Using Temporary Security Credentials.

Default: None
Type: string
Required: No

**Signature**
The digital signature that you created for the request. For information about generating a signature, go to the service’s developer documentation.

Default: None
Type: string
Required: Yes

**SignatureMethod**
The hash algorithm that you used to create the request signature.

Default: None
Type: string
Valid Values: HmacSHA256 | HmacSHA1
Required: Yes

**SignatureVersion**
The signature version you use to sign the request. Set this to the value that is recommended for your service.

Default: None
Type: string
Required: Yes

**Timestamp**
The date and time when the request was signed, expressed in the format YYYY-MM-DDThh:mm:ssZ, as specified in the ISO 8601 standard.

Condition: Requests must include either Timestamp or Expires, but not both.

Default: None
Type: string
Required: Conditional

**Version**
The API version that the request is written for, expressed in the format YYYY-MM-DD.

Default: None
Type: string
Required: Yes
Common Errors

This section lists the common errors that all actions return. Any action-specific errors are listed in the topic for the action.

**IncompleteSignature**
The request signature does not conform to AWS standards.

HTTP Status Code: 400

**InternalFailure**
The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

**InvalidAction**
The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 400

**InvalidClientTokenId**
The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

**InvalidParameterCombination**
Parameters that must not be used together were used together.

HTTP Status Code: 400

**InvalidParameterValue**
An invalid or out-of-range value was supplied for the input parameter.

HTTP Status Code: 400

**InvalidQueryParameter**
The AWS query string is malformed or does not adhere to AWS standards.

HTTP Status Code: 400

**MalformedQueryString**
The query string contains a syntax error.

HTTP Status Code: 404

**MissingAction**
The request is missing an action or a required parameter.
HTTP Status Code: 400
MissingAuthenticationToken
The request must contain either a valid (registered) AWS access key ID or X.509 certificate.

HTTP Status Code: 403
MissingParameter
A required parameter for the specified action is not supplied.

HTTP Status Code: 400
OptInRequired
The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403
RequestExpired
The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400
ServiceUnavailable
The request has failed due to a temporary failure of the server.

HTTP Status Code: 503
Throttling
The request was denied due to request throttling.

HTTP Status Code: 400
Validation>Error
The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400