

Posting Leads in Salesforce



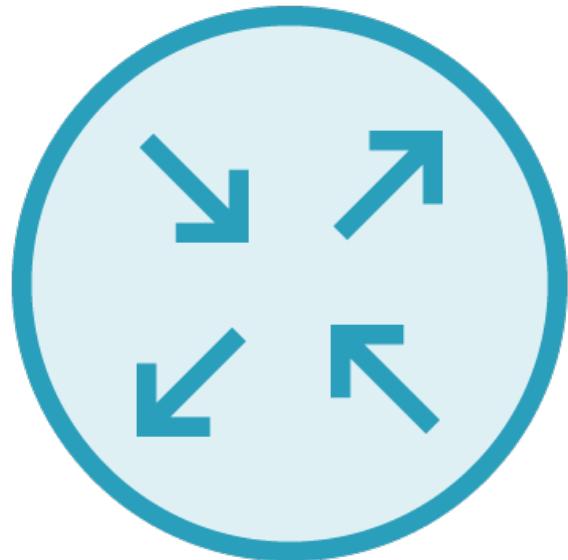
Thomas Compagno

VP OF TECHNOLOGY

@tomcompagno www.linkedin.com/in/tomcompagno

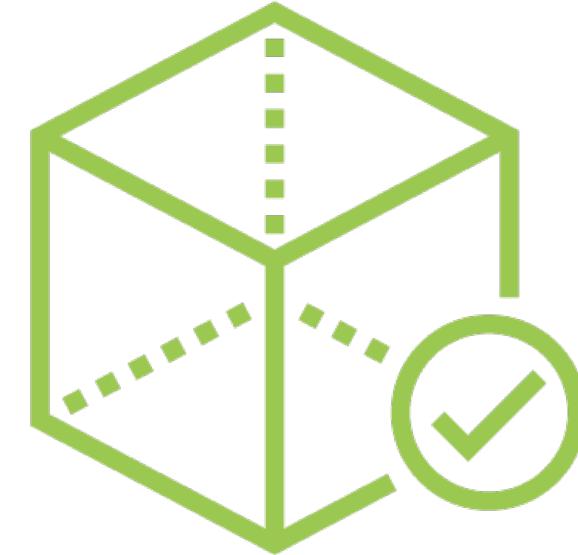


Salesforce Integration Key Amazon Services



API Gateway

We will add an endpoint to our API,
mapped to our Golang server

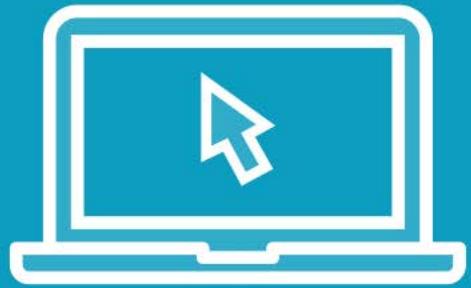


Elastic Beanstalk

We will deploy and run our Golang
server within a Beanstalk
environment



Demo



- Setup our Salesforce connected app**
- Provide our user required permissions**
- Setup Beanstalk application**
- Review golang code**
- Configure command line tools**
- Check deployment**
- Add new API endpoint to our API**
- Test our new service**





salesforce

Username

Password

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SERVICE CLOUD

Today, 71% of customers want service via mobile. What's next?

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Lightning Experience

Salesforce1 Quick Start

Force.com Home

System Overview

Personal Setup

- My Personal Information
- Email
- Import
- Desktop Integration
- My Chatter Settings
- My Social Accounts and Contacts
- My Connected Data

App Setup

- Customize
- Create
- Develop

Getting Started

Build App

Generate a basic app with just one step, and then easily extend that app with clicks or code.

Add App

Learn More

- Next Steps
- Force.com Workbook
- Force.com Fundamentals
- Download SalesforceA, the mobile app for admins: [iOS](#) | [Android](#)

System Overview

You have a message.

Expand to see messages or go to the [system overview page](#) to see additional limits.

Recent Items beta

Name	Type	Object
Thomas Compagno	User	
salesforce	Custom App	
SFDC_DevConsole	Debug Level	
Scott Madsen	User	
CTLDataToolTest Developer	Permission Set	
areas	Custom Tab Definition	area

TRAILHEAD
the fun way
to learn Salesforce

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Salesforce1 Quick Start

Force.com Home

System Overview

Personal Setup

My Personal Information

- Personal Information
- Change My Password

[Reset My Security Token](#)

- My Groups
- Change My Display
- Grant Login Access
- Calendar Sharing
- Activity Reminders

Email

Import

Reset Security Token

[Help for this Page](#)

When you access Salesforce from an IP address that isn't trusted for your company, and you use a desktop client or the API, you need a security token to log in. What's a security token? It's a case-sensitive alphanumeric code that's tied to your password. Whenever your password is reset, your security token is also reset.



After you reset your token, you can't use your old token in API applications and desktop clients.

[Reset Security Token](#)

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Get help when you need it from Salesforce & community experts.

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Force.com Home Page ~ Sales

Secure https://na11.salesforce.com/setup/forcecomHomepage.apexp?setupid=ForceCom

Recent Items beta

Name	Type	Object
Thomas Compagno	User	
salesforce	Custom App	
SFDC_DevConsole	Debug Level	
Scott Madsen	User	
CTLDataToolTest Developer	Permission Set	
areas	Custom Tab Definition	area
area	Custom Object Definition	
ViewCapabilityModel	Visualforce Page	
modelControllerExtension	Apex Class	

Quick Links

Tools	Users	App
App Quick Start	New user	Manage apps
Schema Builder	Add multiple users	Manage profiles
New custom object	Reset users' passwords	Enable Chatter feeds
Security	Data	
New profile	Import accounts & contacts	
New permission set	Import custom objects	
Add roles	Mass delete records	

Community

Dismiss ×

Resources

Find Answers

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Post your questions to the Community

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Explore documentation and API reference guides.

Ask Questions

Get help when you need it from Salesforce & community experts.

salesforce appexchange

Recommended Apps Show All

FinancialForce Professional S... byFinancialForce ★★★★★ (95)

Manage your team, customers, projects & financials all in one integrated services app. Get...

Chat

Apps ~ Salesforce - Developer X

Secure | https://na11.salesforce.com/02u?retURL=%2Fui%2Fsetup%2FSetup%3Fsetupid%3DDevTools&setupid=TabSet

App Setup

- Customize
- Create
 - Apps

Custom Labels
Interaction Log Layouts
Objects
Picklist Value Sets
Packages
Report Types
Tabs
Service Cloud Launch Pad
Action Link Templates

Global Actions
Workflow & Approvals

Develop

Deploy

Schema Builder
Lightning App Builder
Canvas App Previewer
Installed Packages
AppExchange Marketplace
Critical Updates

Administration Setup

- Manage Users
Manage Apps
Manage Territories
Company Profile
Security Controls

Subtab Apps

Action	App Label	Description
Edit	Profile (Others)	The tabs displayed when users view someone else's profile
Edit	Profile (Self)	The tabs displayed when users view their own profile

Subtab Apps Help ?

Connected Apps

Action	Connected App Name	Description	Version
Edit Manage	CTLDataTest	Test for Auth	1.0
Edit Manage	CTLDataTestv2		1.0
Edit Manage	CTLDataTestv3		1.0
Edit Manage	LeadTest		1.0

Connected Apps Help ?

Chat



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App Setup

- Customize
- Create

New Connected App

[Save](#) [Cancel](#)

[Help for this Page](#)

= Required Information

Basic Information

Connected App Name	<input type="text"/>
API Name	<input type="text"/>
Contact Email	<input type="text"/>
Contact Phone	<input type="text"/>
Logo Image URL	<input type="text"/> <small>Upload logo image or Choose one of our sample logos</small>
Icon URL	<input type="text"/> <small>Choose one of our sample logos</small>
Info URL	<input type="text"/>
Description	<input type="text"/>

API (Enable OAuth Settings)

Enable OAuth Settings

Web App Settings

Start URL
Enable SAML

Chat



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- Create

New Connected App

[Save](#) [Cancel](#)

[Help for this Page](#)

= Required Information

Connected App Name

API Name

Contact Email

Contact Phone

Logo Image URL
[Upload logo image](#) or [Choose one of our sample logos](#)

Icon URL
[Choose one of our sample logos](#)

Info URL

Description

API (Enable OAuth Settings)

Enable OAuth Settings

Web App Settings

Start URL

Enable SAML

Chat

Secure https://na11.salesforce.com/app/mgmt/forceconnectedapps/forceAppEdit.apexp?¬ify=true

System Overview

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 - Objects
 - Picklist Value Sets
 - Packages
 - Report Types
 - Tabs
 - Service Cloud Launch Pad
 - Action Link Templates
- Global Actions
- Workflow & Approvals

- Develop
- Deploy
- Schema Builder

API Name

Contact Email

Contact Phone

Logo Image URL
[Upload logo image or Choose one of our sample logos](#)

Icon URL
[Choose one of our sample logos](#)

Info URL

Description

API (Enable OAuth Settings)

Enable OAuth Settings

Callback URL

Use digital signatures

Selected OAuth Scopes

Available OAuth Scopes

- Access and manage your Chatter data (chatter_api)
- Access and manage your Eclair data (eclair_api)
- Access and manage your Wave data (wave_api)
- Access custom permissions (custom_permissions)
- Access your basic information (id, profile, email, address, phone)
- Allow access to your unique identifier (openid)
- Full access (full)
- Perform requests on your behalf at any time (refresh_token, offline_access)
- Provide access to custom applications (visualforce)
- Provide access to your data via the Web (web)

Add  Remove 

Include ID Token

Enable Asset Tokens

Connected App ~ Salesforce - X Connected App: LeadTest ~ Sa X

Secure https://na11.salesforce.com/app/mgmt/forceconnectedapps/forceAppEdit.apexp

Schema Builder
Lightning App Builder
Canvas App Previewer
Installed Packages
AppExchange Marketplace
Critical Updates

Administration Setup

- Manage Users
- Manage Apps
- Manage Territories
- Company Profile
- Security Controls
- Domain Management
- Communication Templates
- Translation Workbench
- Data Management
- Monitoring
- Mobile Administration
- Desktop Administration
- Lightning for Outlook
- Lightning for Gmail **BETA**
- Lightning Sync
- Email Administration
- Google Apps
- Data.com Administration

Enable SAML

Custom Connected App Handler

Apex Plugin Class 
Run As 

Mobile App Settings

Mobile Start URL
PIN Protect
App Platform
Restrict to Device Type
App Version
Minimum OS Version
Private App
App Binary URL
Push Messaging Enabled

Canvas App Settings

Force.com Canvas

Buttons

Save Cancel

Secure | https://na11.salesforce.com/app/mgmt/forceconnectedapps/forceAppEdit.apexp



Thomas Compagno ▾ Help

Sales ▾

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New Connected App Help for this Page ?

Allow from 2-10 minutes for your changes to take effect on the server before using the connected app.

Lightning Experience

Salesforce1 Quick Start

Force.com Home

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Salesforce1 Quick Start

Force.com Home

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- My Connected Data

App Setup

- Customize
- Create

Connected App Name
LeadDistribution 

[« Back to List: Custom Apps](#)

[Edit](#) [Delete](#) [Manage](#)

Allow from 2-10 minutes for your changes to take effect on the server before using the connected app.



Version	1.0
API Name	LeadDistribution
Created Date	2/11/2017 10:50 AM
By: Thomas Compagno	
Contact Email	tom.compagno@gmail.com
Contact Phone	
Last Modified Date	2/11/2017 10:50 AM
By: Thomas Compagno	
Description	
Info URL	

▼ API (Enable OAuth Settings)

Consumer Key	3 [REDACTED]	Consumer Secret	Click to reveal
Selected OAuth Scopes	Access and manage your data (api)	Callback URL	https://localhost:8443/login
Token Valid for	0 Hour(s)	Include Custom Attributes	<input type="checkbox"/>
Include Custom Permissions	<input type="checkbox"/>		

 Chat

API WSDL ~ Salesforce - Dev X Connected App: LeadTest ~ Sa X

Secure https://na11.salesforce.com/ui/setup/sforce/WebServicesSetupPage?setupid=WebServices&retURL=%2Fui%2Fsetup%2FSetup%3Fsetupid%3DDevToolsI... http://develop.salesforce.com/

Force.com Home

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App Setup

- Customize
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- Develop
 - Apex Classes
 - Apex Triggers
 - Apex Test Execution
- API

- Visualforce Components
- Custom Permissions
- Custom Metadata Types
- Custom Settings
- Email Services
- Lightning Components
- Lightning LockerService New!
- Visualforce Pages

WSDL and Client Certificates

Enterprise WSDL

A strongly typed WSDL for customers who want to build an integration with their [salesforce.com](#) organization only.

[Generate Enterprise WSDL](#)

Partner WSDL

A loosely typed WSDL for customers, partners, and ISVs who are building client applications for multiple organizations. It can be used to access data within any organization.

[Generate Partner WSDL](#)

Apex WSDL

Click on the link below to download an Apex programming WSDL.

[Generate Apex WSDL](#)

Metadata WSDL

Click on the link below to download a Metadata WSDL file.

[Generate Metadata WSDL](#)

Tooling WSDL

Click on the link below to download a Tooling WSDL file.

[Generate Tooling WSDL](#)

Click on the link below to download a Tooling WSDL file with strongly typed enums.

[Generate Tooling WSDL With Strongly Typed Enums](#)

Chat

API WSDL ~ Salesforce - Dev | https://na11.salesforce.com/s ...

Secure https://na11.salesforce.com/soap/wsdl.jsp

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<!--
Salesforce.com Partner Web Services API Version 39.0
Generated on 2017-02-11 18:54:20 +0000.

Connected App: LeadTest ~ Salesforce -
Developer Edition

Copyright 1999-2017 salesforce.com, inc.
All Rights Reserved
-->
<definitions xmlns="http://schemas.xmlsoap.org/wsdl/" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
    xmlns:fns="urn:fault.partner.soap.sforce.com" xmlns:tns="urn:partner.soap.sforce.com" xmlns:ens="urn:sobject.partner.soap.sforce.com"
    targetNamespace="urn:partner.soap.sforce.com">
    <!-- Dynamic sObject -->
    <types>
        <schema xmlns="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" targetNamespace="urn:sobject.partner.soap.sforce.com">
            <import namespace="urn:partner.soap.sforce.com"/>
            <!-- Dynamic sObject -->
            <complexType name="sObject">
                <sequence>
                    <element name="type" type="xsd:string"/>
                    <element name="fieldsToNull" type="xsd:string" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
                    <element name="Id" type="tns:ID" nillable="true"/>
                    <any namespace="#targetNamespace" minOccurs="0" maxOccurs="unbounded" processContents="lax"/>
                </sequence>
            </complexType>
        </schema>
        <schema xmlns="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" targetNamespace="urn:partner.soap.sforce.com">
            <import namespace="urn:sobject.partner.soap.sforce.com"/>
            <!-- Our simple ID Type -->
            <simpleType name="ID">
                <restriction base="xsd:string">
                    <length value="18"/>
                    <pattern value="[a-zA-Z0-9]{18}"/>
                </restriction>
            </simpleType>
            <!-- Compound datatype: Address -->
            <complexType name="address">
                <complexContent>
                    <extension base="tns:location">
                        <sequence>
                            <element name="city" type="xsd:string" nillable="true"/>
                            <element name="country" type="xsd:string" nillable="true"/>
                        </sequence>
                    </extension>
                </complexContent>
            </complexType>
        </schema>
    </types>
</definitions>
```

IAM Management Console

Secure https://console.aws.amazon.com/iam/home?region=us-west-2#/users

Services Resource Groups Tom Compagno Global Support

Add user Delete users

Search IAM

Dashboard Groups Roles Policies Identity providers Account settings Credential report Encryption keys

Find users by username or access key Showing 2 results

<input type="checkbox"/> User name ▾	Groups	Password	Last sign-in	Access keys	Creation time ▾
<input type="checkbox"/> platform-user	0	N/A	1 active	2017-02-11 12:58 MST	<input type="button" value="X"/>
<input type="checkbox"/> platformuser	1	N/A	1 active	2017-01-18 14:29 MST	<input type="button" value="X"/>

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Search IAM

Dashboard

Groups

Users

Roles

Policies

Identity providers

Account settings

Credential report

Encryption keys

Users > platform-user

Users: platform-user

User ARN arn:aws:iam:[REDACTED]user/platform-user**Path** /**Creation time** 2017-02-11 12:58 MST**Permissions**

Groups (0)

Security credentials

Access Advisor



Get started with permissions

This user doesn't have any permissions yet. Get started by adding the user to a group, copying permissions from another user, or attaching a policy directly. [Learn more](#)

Add permissions**+ Add inline policy**

Add permissions to platform-user

1

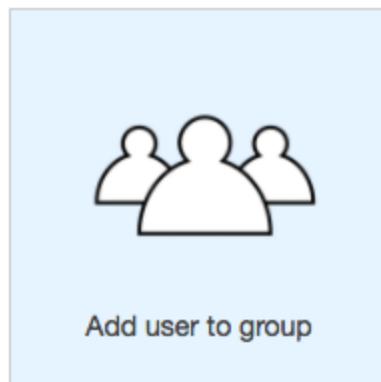
Permissions

2

Review

Grant permissions

Use IAM policies to grant permissions. You can assign an existing policy or create a new one.



Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Create group

Refresh

Search

Showing 1 result

Add permissions to platform-user

1

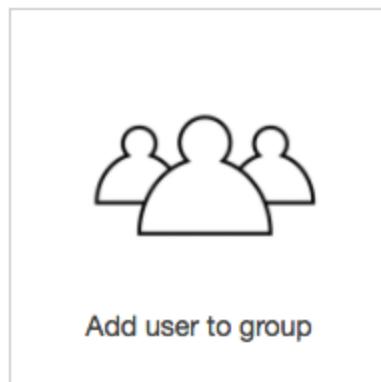
Permissions

2

Review

Grant permissions

Use IAM policies to grant permissions. You can assign an existing policy or create a new one.



Attach one or more existing policies directly to the user or create a new policy. [Learn more](#)

Create policy

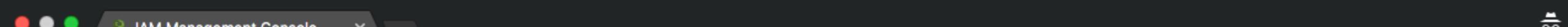
Refresh

Filter: Policy type

Search

Showing 252 results

Policy name	Type	Attachments	Description
-------------	------	-------------	-------------



Services

Resource Groups



Tom Compagno

Global

Support



Add user to group



Copy permissions from
existing user



Attach existing policies
directly

Attach one or more existing policies directly to the user or create a new policy. [Learn more](#)

[Create policy](#)

[Refresh](#)

		Policy name	Type	Attachments	Description
<input type="checkbox"/>	▶ AWSElasticBeanstalkReadOnlyAcc...	AWS managed		0	Provides read only access to AWS Elastic Beanstalk via the AWS Mana...
<input type="checkbox"/>	▶ AWSElasticBeanstalkEnhancedHe...	AWS managed		1	AWS Elastic Beanstalk Service policy for Health Monitoring system
<input type="checkbox"/>	▶ AWSElasticBeanstalkWebTier	AWS managed		1	Provide the instances in your web server environment access to upload ...
<input type="checkbox"/>	▶ AWSElasticBeanstalkFullAccess	AWS managed		1	Provides full access to AWS Elastic Beanstalk and underlying services t...
<input type="checkbox"/>	▶ AWSElasticBeanstalkMulticontaine...	AWS managed		1	Provide the instances in your multicontainer Docker environment access..
<input type="checkbox"/>	▶ AWSElasticBeanstalkService	AWS managed		1	AWS Elastic Beanstalk Service role policy which grants permissions to c...
<input type="checkbox"/>	▶ AWSElasticBeanstalkWorkerTier	AWS managed		1	Provide the instances in your worker environment access to upload log ...

[Feedback](#)

[English](#)

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Services

Resource Groups



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Filter: Policy type

beanstalk

Showing 7 results

	Policy name	Type	Attachments	Description
<input type="checkbox"/>	▶ AWSElasticBeanstalkReadOnlyAcc...	AWS managed	0	Provides read only access to AWS Elastic Beanstalk via the AWS Mana...
<input type="checkbox"/>	▶ AWSElasticBeanstalkEnhancedHe...	AWS managed	1	AWS Elastic Beanstalk Service policy for Health Monitoring system
<input type="checkbox"/>	▶ AWSElasticBeanstalkWebTier	AWS managed	1	Provide the instances in your web server environment access to upload ...
<input checked="" type="checkbox"/>	▶ AWSElasticBeanstalkFullAccess	AWS managed	1	Provides full access to AWS Elastic Beanstalk and underlying services t...
<input type="checkbox"/>	▶ AWSElasticBeanstalkMulticontaine...	AWS managed	1	Provide the instances in your multicontainer Docker environment access..
<input type="checkbox"/>	▶ AWSElasticBeanstalkService	AWS managed	1	AWS Elastic Beanstalk Service role policy which grants permissions to c...
<input type="checkbox"/>	▶ AWSElasticBeanstalkWorkerTier	AWS managed	1	Provide the instances in your worker environment access to upload log ...

Cancel

Next: Review



Add permissions to platform-user

1

2

Permissions

Review

Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	AWSElasticBeanstalkFullAccess

Cancel

Previous

Add permissions

IAM Management Console

Secure | https://console.aws.amazon.com/iam/home?region=us-west-2#/users/platform-user?policy=direct.platform-user.arn:aws:iam::aws:policy%2Fawselasticbeanst...

Services | Resource Groups | [Tom Compagno](#) | Global | Support

User ARN: arn:aws:iam::854337666006:user/platform-user
Path: /
Creation time: 2017-02-11 12:58 MST

Permissions | Groups (0) | Security credentials | Access Advisor | Add permissions | Number of attached policies 1

AWSElasticBeanstalkFullAccess - AWS Managed policy

View policy | Detach policy | Simulate policy

```
1 {  
2     "Version": "2012-10-17",  
3     "Statement": [  
4         {  
5             "Effect": "Allow",  
6             "Action": [  
7                 "elasticbeanstalk:*",  
8                 "ec2:*",  
9                 "ecs:*",  
10                "ecr:*",  
11                "elasticloadbalancing:*
```

AWS Management Console

Secure | https://us-west-2.console.aws.amazon.com/console/home?region=us-west-2#

Services ▾ | Resource Groups ▾ | ★

Tom Compagno ▾ | Oregon ▾ | Support ▾

History | Search services | Group | A-Z

Console Home

Compute

- EC2
- EC2 Container Service
- Lightsail ↗
- Elastic Beanstalk
- Lambda
- Batch

Storage

- S3
- EFS
- Glacier
- Storage Gateway

Database

- RDS
- DynamoDB
- ElastiCache
- Redshift

Migration

- Application Discovery Service
- DMS
- Server Migration
- Snowball

Developer Tools

- CodeCommit
- CodeBuild
- CodeDeploy
- CodePipeline
- X-Ray

Management Tools

- CloudWatch
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog

Security, Identity & Compliance

- IAM
- Inspector
- Certificate Manager
- Directory Service
- WAF & Shield
- Compliance Reports

Analytics

- Athena
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- Data Pipeline
- QuickSight ↗

Artificial Intelligence

- Lex
- Polly

Mobile Services

- Mobile Hub
- Cognito
- Device Farm
- Mobile Analytics
- Pinpoint

Application Services

- Step Functions
- SWF
- API Gateway
- Elastic Transcoder

Messaging

- SQS
- SNS
- SES

Business Productivity

- WorkDocs

Elastic Beanstalk Applications

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/applications

Services | Resource Groups | [Tom Compagno](#) | Oregon | Support

Elastic Beanstalk | My First Elastic Beanstalk Application | Create New Application

Learn More

[Get Started using Elastic Beanstalk](#)

[What Is AWS Elastic Beanstalk?](#)

[How Does AWS Elastic Beanstalk Work?](#)

Featured

[Create your own custom platform](#)

Command Line Interface (v3)

[Installing the AWS EB CLI](#)

[EB CLI Command Reference](#)

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

Get Started

```
$ mkdir HelloWorld  
$ cd HelloWorld  
$ eb init -p PHP  
$ echo "Hello World" > index.html  
$ eb create dev-env
```

All Applications

Filter by Application Name:

My First Elastic Beanstalk Application

[Actions](#)

No environments currently exist for this application. [Create one now.](#)

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newApplication

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk My First Elastic Beanstalk Application Create New Application

i Try the new design

We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

Application Info

New Environment

Application Information

To create a new application, enter the details of your application.

Application name:

Must be less than 100 characters and cannot contain a /

Description:

Optional.

Cancel

Next

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newApplication

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk My First Elastic Beanstalk Application Create New Application

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Application Info

New Environment

Application Information

To create a new application, enter the details of your application.

Application name: Must be less than 100 characters and cannot contain a /

Description: Optional.

Cancel

Next



Try the new design

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Application Info

New Environment

New Environment

AWS Elastic Beanstalk has two types of environment tiers to support different types of web applications. Web servers are standard applications that listen for and then process HTTP requests, typically over port 80. Workers are specialized applications that have a background processing task that listens for messages on an Amazon SQS queue. Worker applications post those messages to your application by using HTTP.

Web Server Environment

Provides resources for an AWS Elastic Beanstalk web server in either a single instance or load-balancing, auto scaling environment. [Learn more](#).

[Create web server](#)

Worker Environment*

Provides resources for an AWS Elastic Beanstalk worker application in either a single instance or load-balancing, auto scaling environment. [Learn more](#).

[Create worker](#)

[Cancel](#)

[Done](#)

● ● ● Create Environment X 🔒 Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC ⭐ :

Services Resource Groups ⚡

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

i Try the new design
We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

New Environment
Environment Type
Application Version
Environment Info
Additional Resources
Configuration Details
Environment Tags
Permissions
Review Information

Environment Type: Predefined configuration: Go
1.5 on 64bit Amazon Linux 2016.09 v2. Looking for a different version? [Let us know.](#)

Environment type: Single instance [Learn more](#)

Cancel Previous Next

Create Environment

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

i Try the new design

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New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

Application Version

Select a source for your application version.

Source: Sample application
 Upload your own ([Learn more](#))
Choose File No file chosen
 S3 URL
(e.g. <https://s3.amazonaws.com/s3Bucket/s3Key>)

Cancel Previous Next

Create Environment

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

i Try the new design
We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

Environment Information

Enter your environment information.

Environment name: leadDistributionSFDC-d

Environment URL: leaddistributionsfdc-d.us-west-2.elasticbeanstalk.com

[Check availability](#)

Description: Optional: 200 character maximum

Cancel Previous Next

Create Environment

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

i Try the new design

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New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

Environment Information

Enter your environment information.

Environment name: leadDistributionSFDC-d

Environment URL: leaddistributionsfdc-d.us-west-2.elasticbeanstalk.com

[Check availability](#)

Description: Optional: 200 character maximum

[Cancel](#) [Previous](#) [Next](#)



Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services | Resource Groups | Tom Compagno | Oregon | Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

Try the new design

We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

[New Environment](#)

[Environment Type](#)

[Application Version](#)

Environment Info

[Additional Resources](#)

[Configuration Details](#)

[Environment Tags](#)

[Permissions](#)

[Review Information](#)

Environment Information

Enter your environment information.

Environment name: leadDistributionSFDC-d

Environment URL: leaddistributionsfdc-d.us-west-2.elasticbeanstalk.com

[Check availability](#)

Description: test environment for go app

Optional: 200 character maximum

[Cancel](#)

[Previous](#)

[Next](#)

[Feedback](#)

[English](#)

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Create Environment

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

i Try the new design

We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

Additional Resources

Select additional resources for this environment.

Create an RDS DB Instance with this environment [Learn more](#)

Create this environment inside a VPC [Learn more](#)

Cancel Previous Next

Feedback English

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Create Environment

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment



Try the new design

We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

Configuration Details

Modify the following settings or click Next to accept the default configuration. [Learn more.](#)

Instance type:

t1.micro



Determines the processing power of the servers in your environment.

EC2 key pair:

Select a key pair

Refresh

Optional: Enables remote login to your instances.

Email address:

Optional: Get notified about any major changes to your environment.

Health Reporting

System type:

Enhanced



Determines the health reporting type.

Environment Tags

Permissions

Review Information

EC2 key pair:

Select a key pair

Refresh

Optional: Enables remote login to your instances.

Email address:

Optional: Get notified about any major changes to your environment.

Health Reporting

System type:

Basic

Determines the health reporting type.

Root Volume (Boot Device)

Root volume type:

(Container default)

Determines the type of storage volume to attach to instances.

Root volume size:

 Enables you to specify the size of the root volume.

GiB

Number of gibibytes of the root volume attached to each instance. Must be between 10 and 16384 for Provisioned IOPS (SSD) and General Purpose (SSD) root volumes and between 8 and 1024 for other root volumes.

Cancel

Previous

Next



Try the new design



We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

[New Environment](#)[Environment Type](#)[Application Version](#)[Environment Info](#)[Additional Resources](#)[Configuration Details](#)[Environment Tags](#)[Permissions](#)[Review Information](#)

Environment Tags

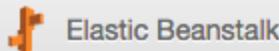
You can specify tags (key-value pairs) for your Environment. You can add up to 47 unique key-value pairs for each Environment.

Key (128 characters maximum)**Value** (256 characters maximum)

1.

47 remaining

[Cancel](#)[Previous](#)[Next](#)



Try the new design



We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

[New Environment](#)[Environment Type](#)[Application Version](#)[Environment Info](#)[Additional Resources](#)[Configuration Details](#)[Environment Tags](#)[Permissions](#)[Review Information](#)

Permissions

Select an instance profile and service role for your AWS Elastic Beanstalk environment.

An instance profile is an IAM role configured for use with EC2 instances. The instances in your Elastic Beanstalk use the credentials provided by the instance profile to communicate with AWS.

A service role allows the Elastic Beanstalk service to monitor environment resources on your behalf. See [Roles and Instance Profiles](#) in the Elastic Beanstalk developer guide for details.

Instance profile:

Service role:

[Cancel](#)[Previous](#)[Next](#)

Create Environment

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/newEnvironment?applicationName=Lead%20Distribution%20SFDC

Services Resource Groups Tom Compagno Oregon Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment



Try the new design

We're testing a new design for the environment creation wizard. [Opt in now](#) to try it and let us know what you think!

New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

Review

Review the following information. Then click "Launch."

New Environment

Tier Web Server

Environment Type

Container type 64bit Amazon Linux 2016.09 v2.3.0 running Go 1.5

Environment type Single instance

Application Version

Application source Sample application

Instance type t1.micro

Key pair

Email address (default)

Root volume type (default)

Root volume size (default)

Root volume IOPS

Application health
check URL

Environment Tags

No settings provided.

Permissions

Service role aws-elasticbeanstalk-service-role

Instance profile aws-elasticbeanstalk-ec2-role

Cancel

Previous

Launch

leadDistributionSFDC-d - Dash

Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Lead%20Distribution%20S... ☆ :

Services | Resource Groups | Tom Compagno | Oregon | Support

Elastic Beanstalk | Lead Distribution SFDC | My First Elastic Beanstalk Application |

Info

Elastic Beanstalk is now creating your environment. When it has finished it will be running Sample Application.

All Applications > Lead Distribution SFDC > leadDistributionSFDC-d (Environment ID: e-rttsanq6rvc, URL: leaddistributionsfcd-d.us-west-2.elasticbeans talk.com) Actions ▾

Dashboard

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates

Events

Tags

Elastic Beanstalk is launching your environment.

[View Events](#)

Overview Refresh

Health

Grey

Causes

Running Version

Upload and Deploy

Configuration

64bit Amazon Linux 2016.09

```
type lead_struct struct {  
    FirstName string `json:"first_name"  
    LastName  string `json:"last_name"  
    Company   string `json:"company"  
    Phone     string `json:"phone"  
    Email     string `json:"email" }
```

Go Structure

This is the structure we will use to parse the incoming JSON message to a go structure



```
type CustomLead struct {  
    objects.Lead  
    Email string `force:"",omitempty"`  
    Phone string `force:"",omitempty"` }
```

Go Structure

This is the structure we use to extend the object Lead structure to apply a few more fields for passing to Salesforce



```
port := os.Getenv("PORT")  
  
if port == "" {  
    port = "5000"  
}  
  
}
```

Beanstalk Default Port

Use the beanstalk default environment port if it exists, otherwise set to 5000 which is the usual standard for a Go Beanstalk



```
router.HandleFunc("/lead", ProcessLead)
```

Our Main Lead Route

When a request comes to our server at /lead we will use the ProcessLead function to process the incoming request

This is where we will map our API Gateway endpoint



```
decoder := json.NewDecoder(r.Body)  
var l lead_struct  
err := decoder.Decode(&l)
```

Decode JSON to Go Structure

Leverage the structure we just reviewed to easily map our JSON into an object



```
apiVersion := os.Getenv("API")
appKey := os.Getenv("AppKey")
appSecret := os.Getenv("AppSecret")
username := os.Getenv("Username")
pass := os.Getenv("Password")
token := os.Getenv("UserToken")
```

Leverage Environment Variables

Use the outside environment capabilities a beanstalk provides



```
forceApi, err := force.Create(  
    apiVersion,  
    appKey,  
    appSecret,  
    username,      pass,  
    token,      "production",    )
```

Create Connection to Salesforce

Salesforce library makes it easy to create a connection



```
lead := &CustomLead{ }

lead.Company = company

lead.FirstName = fname

lead.LastName = lname

lead.Phone = phone

lead.Email = email

resp, err :=  
forceApi.InsertSObject(lead)
```

◀ Use our extended structure

◀ Set each property

◀ Create our new lead object in
Salesforce



 EXPLORER

◀ OPEN EDITORS

◀ SFDC-LEAD-POST

◀ .ebextensions

environmentvariables.config

◀ .elasticbeanstalk

◀ saved_configs

env-go.cfg.yml

config.yml

▷ bin

▷ pkg

▷ src

.gitignore

application.go

```
1  option_settings:  
2      - option_name: API  
3          value: v39.0  
4      - option_name: AppKey  
5          value: <INSERTYOURAPPKEY>  
6      - option_name: AppSecret  
7          value: <INSERTYOURAPPSECRET>  
8      - option_name: Username  
9          value: <INSERTYOURUSERNAME>  
10     - option_name: Password  
11        value: <INSERTYOURPASSWORD>  
12     - option_name: UserToken  
13        value: <INSERTYOURUSERTOKEN>  
14
```

```
1 branch-defaults:  
2   default:  
3     environment: LeadDistributionSFDC-d  
4 global:  
5   application_name: Lead Distribution SFDC  
6   default_ec2_keyname: null  
7   default_platform: Go 1.5  
8   default_region: us-west-2  
9   profile: null  
10  sc: null  
11
```

```
1 EnvironmentConfigurationMetadata:  
2     DateCreated: '1486571839000'  
3     DateModified: '1486571839000'  
4 SolutionStack: 64bit Amazon Linux 2016.09 v2.3.0 running Go 1.5  
5 OptionSettings:  
6     aws:elasticbeanstalk:environment:  
7         EnvironmentType: SingleInstance  
8         ServiceRole: aws-elasticbeanstalk-service-role  
9     aws:elasticbeanstalk:healthreporting:system:  
10        SystemType: basic  
11     aws:autoscaling:launchconfiguration:  
12        IamInstanceProfile: aws-elasticbeanstalk-ec2-role  
13 EnvironmentTier:  
14     Type: Standard  
15     Name: WebServer  
16 AWSConfigurationTemplateVersion: 1.1.0.0  
17
```



EXPLORER

- ▲ OPEN EDITORS 1 UNSAVED
- credentials /Users/compagny/.aws
- ▲ NO FOLDER OPENED



You have not yet opened a folder.

[Open Folder](#)

credentials

```
1 [default]
2 aws_access_key_id=<INSERT IAM ACCESS KEY>
3 aws_secret_access_key=<INSERT IAM SECRET KEY>
4
```



```
go build -o bin/application
```

```
eb init "Lead Distribution  
SFDC"
```

```
eb deploy
```

◀ From go source directory
compile the code

◀ Once compiled, we can connect
our directory to our beanstalk
application

◀ Deploy our code to the
environment



```
Thomass-MacBook-Pro:sfdc-lead-post compagnt$ eb init "Lead Distribution SFDC"
Thomass-MacBook-Pro:sfdc-lead-post compagnt$ eb deploy
Creating application version archive "app-170311_082852".
Uploading Lead Distribution SFDC/app-170311_082852.zip to S3. This may take a while.
Upload Complete.
INFO: Environment update is starting.
INFO: Deploying new version to instance(s).
INFO: New application version was deployed to running EC2 instances.^[
INFO: Environment update completed successfully.
```

Sample Steps to Deploy to Beanstalk

Initiate the directory and map it to the environment

Deploy the compiled code





Secure | https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/applications

Services ▾ Resource Groups ▾ Tom Compagno ▾ Oregon ▾ Support ▾

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Application

Learn More

[Get Started using Elastic Beanstalk](#)

[What Is AWS Elastic Beanstalk?](#)

[How Does AWS Elastic Beanstalk Work?](#)

Command Line Interface (v3)

[Installing the AWS EB CLI](#)

[EB CLI Command Reference](#)

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

Get Started

```
$ mkdir HelloWorld  
$ cd HelloWorld  
$ eb init -p PHP  
$ echo "Hello World" > index.html  
$ eb create dev-env  
$ eb open
```

To deploy updates to your applications, use
'eb deploy'.

All Applications

Filter by Application Name:

Lead Distribution SFDC

Actions ▾

LeadDistributionSFDC-d

Environment tier: Web Server
Running versions: app-170219_183009
Last modified: 2017-02-19 18:34:22 UTC-0700
URL: LeadDistributionSFDC-d.us-west-2.elasticb...

LeadDistributionSFDC-d (Terminated)

Environment tier: Web Server
Running versions: app-170219_181351
Last modified: 2017-02-19 18:19:08 UTC-0700
URL: LeadDistributionSFDC-d.us-west-2.elasticb...

LeadDistributionSFDC-d (Terminated)

Environment tier: Web Server
Running versions: app-170211_150923
Last modified: 2017-02-19 18:02:02 UTC-0700
URL: LeadDistributionSFDC-d.us-west-2.elasticb...

My First Elastic Beanstalk Application

Actions ▾

No environments currently exist for this application. [Create one now.](#)

Services | Resource Groups | Tom Compagno | Oregon | Support

Elastic Beanstalk Lead Distribution SFDC My First Elastic Beanstalk Application Create New Environment

All Applications > Lead Distribution SFDC > LeadDistributionSFDC-d (Environment ID [REDACTED] URL: LeadDistributionSFDC-d.us-west-2.elasticbeanstalk.com) Actions ▾

Dashboard Overview Refresh

Configuration

Logs

Health

Monitoring

Alarms

Managed Updates NEW

Events

Tags

Recent Events Show All

Health Green Causes

Running Version app-170219_183009 Upload and Deploy

Configuration 64bit Amazon Linux 2016.09 v2.3.0 running Go 1.5 Change

Time Type Details

2017-02-19 18:34:22 UTC-0700 INFO Successfully launched environment: LeadDistributionSFDC-d

AWS Management Console

Secure https://us-west-2.console.aws.amazon.com/console/home?region=us-west-2

Services Resource Groups Tom Compagno Oregon Support

History

Search services Group A-Z

Compute

- EC2
- EC2 Container Service
- Lightsail
- Elastic Beanstalk
- Lambda
- Batch

Storage

- S3
- EFS
- Glacier
- Storage Gateway

Database

- RDS
- DynamoDB
- ElastiCache
- Redshift

Migration

- Application Discovery Service
- DMS
- Server Migration
- Snowball

Developer Tools

- CodeCommit
- CodeBuild
- CodeDeploy
- CodePipeline

Management Tools

- CloudWatch
- CloudFormation
- CloudTrail
- Config
- OpsWorks
- Service Catalog
- Trusted Advisor

Analytics

- Athena
- EMR
- CloudSearch
- Elasticsearch Service
- Kinesis
- Data Pipeline
- QuickSight

Artificial Intelligence

- Lex
- Polly
- Rekognition
- Machine Learning

Internet Of Things

- AWS IoT

Game Development

- Gamelift

Application Services

- Step Functions
- SWF
- API Gateway
- Elastic Transcoder

Messaging

- SQS
- SNS
- SES

Business Productivity

- WorkDocs
- WorkMail
- Amazon Chime

Desktop & App Streaming

- WorkSpaces
- AppStream 2.0

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs Show all hints ?

APIs

Create API

leads-distribution
No description.

pl-test
No description.

leads-distribution

pl-test

Usage Plans

API Keys

Custom Domain Names

Client Certificates

Settings

Feedback English

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API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/pwatlmvn5k

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > / (pwatlmvn5k) Show all hints ?

APIs

leads-distribution

Resources

Stages

Authorizers

Models

Documentation

Binary Support

Dashboard

pl-test

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Actions / Methods

/

/process-form POST

/slack-support POST

No methods defined for the resource.

This screenshot shows the AWS API Gateway console interface. The top navigation bar includes links for Services, Resource Groups, and user information (Tom Compagno, Oregon, Support). Below the navigation is a breadcrumb trail: Amazon API Gateway > APIs > leads-distribution (osnwyloac5) > Resources > / (pwatlmvn5k). A 'Show all hints' button and a help icon are also present. The left sidebar lists various API management components: APIs, Stages, Authorizers, Models, Documentation, Binary Support, Dashboard, Usage Plans, API Keys, Custom Domain Names, Client Certificates, and Settings. The main content area is titled '/ Methods' and displays the structure of the 'leads-distribution' API. It shows a single resource path '/' with two methods: '/process-form' (POST) and '/slack-support' (POST). A message indicates 'No methods defined for the resource.' The overall layout is clean and follows the standard AWS design aesthetic.

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/pwatlmvn5k

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > / (pwatlmvn5k) Show all hints ?

APIs

leads-distribution

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Actions / Methods

RESOURCES ACTIONS

- Create Method
- Create Resource
- Enable CORS
- Edit Resource Documentation

API ACTIONS

- Deploy API
- Import API
- Edit API Documentation
- Delete API

No methods defined for the resource.

This screenshot shows the AWS API Gateway console interface. The left sidebar lists various API-related services like Leads-Distribution, Stages, and Models. The main navigation path is 'APIs > leads-distribution (osnwyloac5) > Resources > / (pwatlmvn5k)'. A context menu is open over the root resource '/ (pwatlmvn5k)', specifically under the 'Actions' dropdown. The menu is divided into 'RESOURCE ACTIONS' and 'API ACTIONS'. Under 'RESOURCE ACTIONS', there are options to 'Create Method', 'Create Resource', 'Enable CORS', and 'Edit Resource Documentation'. Under 'API ACTIONS', there are options to 'Deploy API', 'Import API', 'Edit API Documentation', and 'Delete API'. The message 'No methods defined for the resource.' is displayed on the right side of the screen.

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/pwatlmvn5k/create

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > / (pwatlmvn5k) > Create Show all hints ?

APIs

leads-distribution

Resources

Stages

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Usage Plans

API Keys

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Settings

New Child Resource

Use this page to create a new child resource for your resource.

Configure as proxy resource ⓘ

Resource Name* My Resource

Resource Path* / my-resource

You can add path parameters using brackets. For example, the resource path `{username}` represents a path parameter called 'username'. Configuring `/{proxy+}` as a proxy resource catches all requests to its sub-resources. For example, it works for a GET request to `/foo`. To handle requests to `/`, add a new ANY method on the `/` resource.

Enable API Gateway CORS ⓘ

* Required

Cancel Create Resource

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/pwatlmvn5k/create

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > / (pwatlmvn5k) > Create Show all hints ?

APIs

leads-distribution

Resources

Stages

Authorizers

Models

Documentation

Binary Support

Dashboard

pl-test

Usage Plans

API Keys

Custom Domain Names

Client Certificates

Settings

New Child Resource

Use this page to create a new child resource for your resource.

Configure as proxy resource ⓘ

Resource Name* sfdc-lead

Resource Path* / sfdc-lead

You can add path parameters using brackets. For example, the resource path {username} represents a path parameter called 'username'. Configuring /{proxy+} as a proxy resource catches all requests to its sub-resources. For example, it works for a GET request to /foo. To handle requests to /, add a new ANY method on the / resource.

Enable API Gateway CORS ⓘ

* Required

Create Resource

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) Show all hints ?

APIs

leads-distribution

Resources

Stages

Authorizers

Models

Documentation

Binary Support

Dashboard

pl-test

Usage Plans

API Keys

Custom Domain Names

Client Certificates

Settings

Actions

/sfdc-lead Methods

No methods defined for the resource.

/

/process-form POST

/sfdc-lead

/slack-support POST

API Gateway x

Secure <https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9>

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) Show all hints ?

APIs

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Actions /sfdc-lead Methods

RESOURCES ACTIONS

- Create Method
- Create Resource
- Enable CORS
- Edit Resource Documentation
- Delete Resource

API ACTIONS

- Deploy API
- Import API
- Edit API Documentation
- Delete API

No methods defined for the resource.

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9

Services Resource Groups Tom Compagno Oregon Support

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Actions /sfdc-lead Methods

No methods defined for the resource.

/

/process-form POST

/sfdc-lead

/slack-support POST

API Gateway

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9

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/process-form POST

/sfdc-lead POST

/slack-support POST

API Gateway x

Secure <https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9/methods/POST>

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) > POST Show all hints ?

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Actions ▾

/ /sfdc-lead - POST - Setup

Choose the integration point for your new method.

Integration type Lambda Function i

HTTP i

Mock i

AWS Service i

Use Lambda Proxy integration i

Lambda Region ▼

Save

The screenshot shows the AWS API Gateway console interface. On the left, there's a sidebar with various navigation links like 'Stages', 'Authorizers', 'Models', etc. The main area shows a tree structure of resources under 'leads-distribution'. The '/sfdc-lead' node is selected, and its 'POST' method is highlighted. The right side of the screen is titled '/sfdc-lead - POST - Setup' and contains fields for configuring the integration type (Lambda Function is selected), using Lambda Proxy integration (unchecked), and choosing a Lambda Region. A 'Save' button is at the bottom right.

API Gateway x

Secure <https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9/methods/POST>

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) > POST Show all hints ?

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Actions ▾

/sfdc-lead - POST - Setup

Choose the integration point for your new method.

Integration type Lambda Function i
 HTTP i
 Mock i
 AWS Service i

Use HTTP Proxy integration i

HTTP method POST

Endpoint URL https://api.endpoint.com/sfdc-lead

Content Handling Passthrough

Save

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9/methods/POST

Services Resource Groups

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) > POST Show all hints ?

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Actions Resources Actions

/sfdc-lead - POST - Setup

Choose the integration point for your new method.

Integration type Lambda Function [i](#)
 HTTP [i](#)
 Mock [i](#)
 AWS Service [i](#)

Use HTTP Proxy integration [i](#)

HTTP method [POST](#)

Endpoint URL d.us-west-2.elasticbeanstalk.com/lead

Content Handling [Passthrough](#)

Save

Services Tom Compagno Oregon

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) > POST Show all hints ?

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Settings

Actions ▾

Resources Actions ▾

• /sfdc-lead - POST - Method Execution

Client

Method Request TEST ⚡

Auth: NONE

ARN: arn:aws:execute-api:us-west-2:854337666006:osnwyloac5/*/P lead

Integration Request

Type: HTTP

Input passthrough: Yes

Method Response

HTTP Status: 200

Models: application/json => Empty

Integration Response

HTTP status pattern: -

Output passthrough: Yes

POST http://leaddistributionsfdc-d.us-west-2.elasticbeanstalk.com

Services ▾ Resource Groups ▾

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) > POST Show all hints ?

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Actions ▾

Method Execution /sfdc-lead - POST - Method Test

Make a test call to your method with the provided input

Path

No path parameters exist for this resource.

You can define path parameters by using the syntax `{myPathParam}` in a resource path.

Query Strings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method.

You can add them via Method Request.

Stage Variables

No stage variables exist for this method.

Client Certificate

API Gateway Leads: Home ~ Salesforce - De Tom

Secure https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9/methods/POST

Services Resource Groups Tom Compagno Oregon Support

Amazon API Gateway APIs > leads-distribution (osnwyloac5) > Resources > /sfdc-lead (mb88b9) > POST Show all hints ?

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Client Certificate

No client certificates have been generated.

Request Body

```
1 {  
2   "first_name": "Tom",  
3   "last_name": "Compagno",  
4   "company": "Mysel",  
5   "email": "tom  
       .compagno@gmail.com",  
6   "phone": "8015554432"  
7 }
```

Test

Secure <https://us-west-2.console.aws.amazon.com/apigateway/home?region=us-west-2#/apis/osnwyloac5/resources/mb88b9/methods/POST>

Services Resource Groups Tom Compagno Oregon Support

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Actions Resources Actions ▾ Method Execution /sfdc-lead - POST - Method Test

Make a test call to your method with the provided input

Path
No path parameters exist for this resource.
You can define path parameters by using the syntax `{myPathParam}` in a resource path.

Request: /sfdc-lead
Status: 200
Latency: 2557 ms
Response Body

```
lead id: 00QG000001AN0eCMAT
```

Query Strings
No query string parameters exist for this method. You can add them via Method Request.

Response Headers

```
{"X-Amzn-Trace-Id":"Root=1-58b337d1-d9f600550a9e3682181874cb","Content-Type":"application/json"}
```

Headers
No header parameters exist for this method. You can add them via Method Request.

Logs

```
Execution log for request test-request
Sun Feb 26 20:17:21 UTC 2017 : Starting execution for request: test-invoke-request
Sun Feb 26 20:17:21 UTC 2017 : HTTP Method: POST, Resource Path: /sfdc-lead
Sun Feb 26 20:17:21 UTC 2017 : Method request not
```

Stage Variables
No stage variables exist for this method.

Client Certificate

Secure https://na11.salesforce.com/00Q/o

salesforce '17 Search... Search Thomas Compagno Help Sales

Home Chatter Campaigns Leads Accounts Contacts Opportunities Forecasts Contracts Cases Solutions Products Reports Dashboards +

Create New... ▾ Tell me more! | Help for this Page ?

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- Thomas Compagno
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- Value Stream Test
- Document Management
- Enabling to Doc Delivery
- Enabling to Doc Rec

Recycle Bin

Quick Create

First Name
Last Name
Company
Phone
Email

Leads Home

View: My Unread Leads Go! Edit | Create New View

Recent Leads New Recently Viewed

No recent records. Click Go or select a view from the dropdown to display records.

Reports

Lead Lifetime
Leads By Source
Bounced Leads
[Go to Reports »](#)

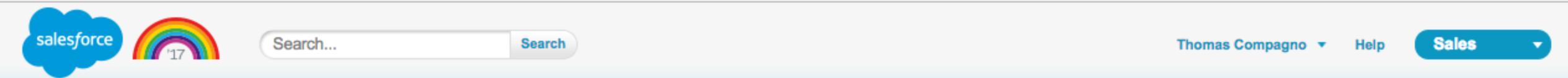
Summary

Interval: From: 2/19/2017 [2/26/2017]
To: [2/26/2017]
View: My leads Run Report

Tools

Import Leads
Mass Delete Leads
Transfer Leads
Mass Email Leads
[More Actions](#)

Chat



Leads Home

View: My Unread Leads Edit | Create New View

Tell me more! | Help for this Page ?

Recent Leads

New

Recently Viewed

Name	Company	Phone
Compagno, Tom	Myself	8015554432

Reports

[Lead Lifetime](#)

[Leads By Source](#)

[Bounced Leads](#)

[Go to Reports »](#)

Summary

Interval: From: 2/19/2017 [2/26/2017]

To: [2/26/2017]

View:

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[Transfer Leads](#)

[Mass Email Leads](#)

Chat

Summary



Setup a connected Salesforce app

**Setup and deploy a Go application
to AWS Beanstalk**

**Build and connect an API endpoint
to our new Beanstalk application**

**Test and validate our new lead
creation step**

