

ShrinkLink Package

Salesforce Installation & User Guide



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Quick Info

App Details

App Name: ShrinkLink URL

Version Name: v1.1

Languages

English

Getting Started

Product Overview

ShrinkLink helps the users to shorten the original Url with their own org domain name or site url by creating a record in the “Shortened Url” object.

Enter original Url in the “Redirect Url” field of the shortened Url object/tab, upon saving the record a masked/shortened url is created which can be shared with other users or clicking on the masked url automatically opens in the browser and this shortest url is helpful to include in SMS or some others bodies where characters are limited.

Quick Start

Installation

Follow below steps to install the ShrinkLink package in your salesforce org:

Step 1: Enter the installation url in the browser.

Step 2: A login screen will appear; log in to your org.

Step 3: Choose ‘Install for admins only’ or ‘Install for all users’ as per your requirement.

Step 4: Check the acknowledgement checkbox.

Step 5: Click Install.

Step 6: Check the checkbox and click continue to approve third-party access.

Step 7: Post package installation installer/admin will receive a success message on the browser window along with a success email.

Configuration Steps

To use ShrinkLink functionalities every organization should:

- Register a domain name,
- Create a site
- Custom Domain for Url Masking (optional)
- Update custom metadata type record .

Register a domain:

If domain was not registered yet in your org, follow the steps:

Step 1: From the Setup, in the search box, type “My Domain” and then select the **My Domain** from the list.

Step 2: Type the name into the box and click **Check Availability** Salesforce will check to see if the name can be used.

Note: Typically, a company’s name goes in this box:

mycompanyname.salesforce.org but you can choose whatever name you like if it’s available.

Step 3: Once you get the OK, click **Register**. This may take a few minutes but once you have the confirmation (via email or by refreshing the page) you can activate the new domain by clicking the Log-in button.

My Domain

Help for this Page

My Domain Step 1

Showcase your company's brand and keep your data more secure by adding a custom domain name to your Salesforce URL. Because having a custom domain is more secure, some Salesforce features require it. It's easy to set up My Domain—the hardest part is choosing a name that your stakeholders can agree on.

Step 1 Choose Domain Name

```
graph LR; A[Choose Domain Name] --> B[Domain Registration Pending]; B --> C[Domain Ready for Testing]; C --> D[Domain Deployed to Users];
```

Choose Your Domain Name

Enter a domain name and check whether it's available. Be sure of your name before registering.

Your domain name can be up to 34 characters. It can include letters, numbers, and hyphens; but it can't start or end with a hyphen.

https://[]my.salesforce.com/

[Check Availability](#) [Step Two](#)

[Register Domain](#) [Step Three](#)

After you click Register Domain, Salesforce takes a few minutes to update its naming registries. You receive an email when it's done.

Creating a Site:

Step 1: From the Setup, in the search box, type “site” and then select the **Sites** from the list.

The screenshot shows the Salesforce Setup interface. At the top, there's a search bar labeled 'Search Setup'. Below it, the 'Setup' menu is visible with 'Home' and 'Object Manager' options. On the left, a search box contains the text 'site'. Below the search box, a list of results is shown under the 'User Interface' category, specifically under 'Sites and Domains'. The results include 'Custom URLs', 'Domains', and 'Sites', with 'Sites' highlighted in a red box. Below this list, there's a section for 'Security' with 'Remote Site Settings' and 'Trusted URLs'. At the bottom left, a message says 'Didn't find what you're looking for? Try using Global Search.' On the right, the 'SETUP Home' dashboard is visible, featuring cards for 'Get Started with Einstein Bots' and 'Mobile Publisher'.

Step 2: Read and accept the Salesforce Sites Terms of Use and select **Register My Salesforce Site Domain**.

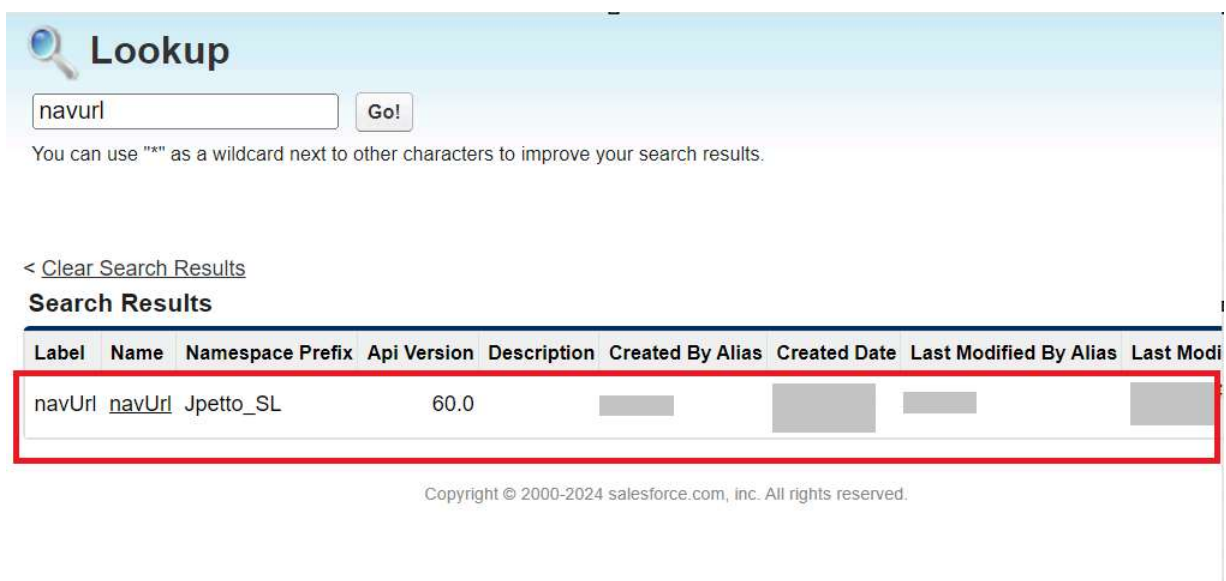
Step 3: Click on the **New** button.

A screenshot of the Salesforce Sites interface. At the top, there is a checkbox labeled "Allow using standard external profiles for self-registration, user creation, and login" with an information icon. Below this are "Save" and "Cancel" buttons. A red horizontal line separates this section from the one below. In the section below, there is a text input field containing "sites.com)" and a "New" button. A red arrow points to the "New" button.

Step 4: Give the site a **Label** and optional Description. The **Name** field is automatically generated from the label.

Step 5: Mark the site as **Active** to make it available.

Step 6: For the **Active Site Home Page**, select the Visualforce page **navUrl**. Select Lookup and search for "navUrl".

A screenshot of the Salesforce Lookup search results page. The page has a light blue header with a magnifying glass icon and the word "Lookup". Below the header is a search input field containing "navurl" and a "Go!" button. A message below the input field says "You can use '*' as a wildcard next to other characters to improve your search results." Below this is a link "< Clear Search Results". The main section is titled "Search Results" and contains a table. The table has the following columns: Label, Name, Namespace Prefix, Api Version, Description, Created By Alias, Created Date, Last Modified By Alias, and Last Modified. The first row of the table is highlighted with a red border and contains the following data: Label: navUrl, Name: navUrl, Namespace Prefix: Jpetto_SL, Api Version: 60.0, Description: (empty), Created By Alias: (empty), Created Date: (empty), Last Modified By Alias: (empty), and Last Modified: (empty). At the bottom of the page, there is a copyright notice: "Copyright © 2000-2024 salesforce.com, inc. All rights reserved."

Step 7: Leave the other fields set at their defaults.

Step 8: Click on the **Save**.

Custom Domain for Url Masking (optional):

This is an optional step to be configured by the admins in their salesforce orgs to shorten url even further with custom branding url by custom domain setup.

Step 1: Add a Domain in Salesforce

- Login to Salesforce and navigate to **Setup**.
- In the Quick Find box, type “Domains”, then select **Sites and Domains > Domains**.
- Click on **Add a Domain**.
- In the form that opens up, choose the HTTPS Option: “Salesforce serves the domain over HTTPS using a Salesforce content delivery network (CDN) partner”.
- In the **Domain Name** field, enter your domain. For example: support.yourwebsite.com.

During this process, Salesforce will provide you with two records. They will be in the following format:

[domain].00dxxxxxxxxxxxxxxxxx.live.siteforce.com. For instance,
support.yourwebsite.com.00dxxxxxxxxxxxxxxxxx.live.siteforce.com.

_acme-challenge.[domain].00dxxxxxxxxxxxxxxxxx.live.siteforce.com.

For instance,

_acme-challenge.support.yourwebsite.com.00dxxxxxxxxxxxxxxxxx.live.siteforce.com.

Step 2: Add CNAME Records to Your Domain's DNS

Next, we need to add these records to your domain's DNS.

- Log in to your domain management system (e.g., GoDaddy, Namecheap, etc.).

- Navigate to your DNS settings, where you will likely see a section for managing DNS Records.
- Here, you will add two CNAME records. Depending on your domain management system, you might need to add either the subdomain or the entire domain:

CNAME | support |

support.yourwebsite.com.00dxxxxxxxxxxxxxxxxx.live.salesforce.com.

CNAME | _acme-challenge.support |

**_acme-challenge.support.yourwebsite.com.00dxxxxxxxxxxxxxxxxx.live
.salesforce.com.**

Once these records are added, you need to wait for them to propagate across the internet. This process can take up to 24 hours.

Step 3: Add Domain Name and Assign to Production/Sandboxes in Salesforce

Once the DNS changes have propagated, you can return to Salesforce to finalize the configuration.

- Go back to the **Domains** page in Salesforce (follow the same navigation as in Step 1).
- Add your domain name (e.g., **support.yourwebsite.com**).
- Once the domain is activated, you can assign it to your production or sandbox environments.

SETUP Domains

Domain Edit

Enter your domain name. If you already have certificates defined in your organization, you can attach them to the domain for user authentication.

A new or renamed domain will be permitted if any of the following criteria is true. Note that 00d[redacted] is your organization's unique API Identifier in lower-case characters.

- Your domain name is a CNAME record that points to [domain].00d[redacted].live.siteforce.com.
 - As an example, if you are adding www.example.com, it must be a CNAME record that points to www.example.com.00d[redacted].live.siteforce.com.
 - Note that your domain will need to be a CNAME record for Salesforce to serve your domain.
- Your domain name has a TXT record that equals 00d[redacted] with no punctuation.
- Your domain name is a subdomain of another domain in your organization.

Domain Edit [Save] [Save & New] [Cancel]

Domain Name: support.yourwebsite.com

HTTPS Option: ☐ Salesforce serves the domain over HTTPS, on Salesforce's servers, using your HTTPS certificate ☒ Salesforce serves the domain over HTTPS using a Salesforce content delivery network (CDN) partner

1. If you select this option, your domain name must be a CNAME record that points to [domain].00d[redacted].live.siteforce.com.
 2. If you enable this feature, this domain will use a CDN service (Akamai) to optimize its content delivery. All information sent to or returned by this domain will be stored and transmitted including technical limitations.

Create a CNAME entry with hostname _acme-challenge.[domain] and target _acme-challenge.[domain].00d[redacted].live.siteforce.com

☐ A non-Salesforce host or service serves this domain over HTTPS
 Enter your external hostname

☐ Temporary non-HTTPS domain

Allow HSTS preloading registration: ☒ Allow HSTS preloading registration

Associated Org: Production

After saving, you will need to activate the domain for your changes to take effect.

[Save] [Save & New] [Cancel]

Step 4: Associate Custom URL to Your Community Site

The final step is to associate your new custom URL with your Salesforce Community.

- In Salesforce, go to **Setup**.
- In the Quick Find box, type "Sites", then select **Sites and Domains > Domains**.
- Click **Registered Domain Name**.
- Click New Custom URL
- In the **Select Site** dropdown, choose your site created for shrinkLink (under **Creating a site** section).
- Save the changes.

You have now successfully pointed your Salesforce Site to your custom domain using Salesforce's CDN partner. Users can now access your Salesforce Site via the custom URL you have set up which will be the masked url later displayed in Shortened URL object records.

Steps to complete before using the ShrinkLink Package:

1. Activate the created site:

- Go to Setup | Develop | Sites | your site.
- Click on the **Activate** button.

2. Provide Object & Fields access to the site profile (if missed):

- Go to Setup | Develop | Sites | your site.
- Click the "Public Access Settings" button.
- Scroll down to "Object Settings".
- Search for "Shortened URLs" object.
- Enable **Read** under "Object Permissions".
- Enable **Read Access** for "Redirect URL" and "MaskedURL" fields under Field Permissions .
- Click "Save".

3. Assign Classes/VF page to created site:

- Go to Setup | Develop | Sites | your site.
- Click the "Public Access Settings" button.
- Scroll down to "Enabled Apex Class Access".
- Assign "Jpetto_SL.ShortenedURLExtension" class to the profile.
- Click "Save".
- Scroll down to "Enabled Visualforce Page Access".
- Assign "Jpetto_SL.navUrl" visualforce page to the profile.
- Click "Save".

4. Provide record access to Site Guest user:

- Go to Setup | Security | Sharing Settings | Shortened URL Sharing Rules.
- Click on the **New** button.
- Give your preferred name to the sharing rule under Label field.
- Select **Guest user access, based on criteria** radio button under "Step 2: Select your rule type".

- Add below valued under “Step 3: Select which records to be shared”

Field: Shortened URL Name

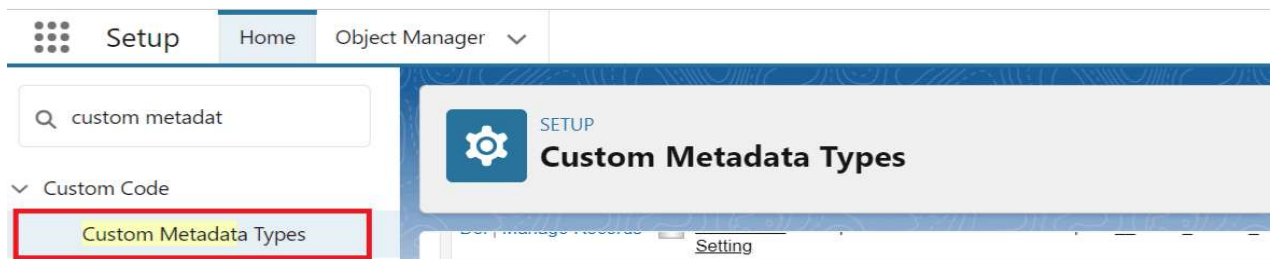
Operator: not equal to

Value:

- Select the site created earlier for shrinklink package in the **Share with** field drop-down under “Step 4: Select the users to share with”.
- **Save** the record and wait for a few minutes to process the sharing rule across the org.

Update Custom Metadata Type Record:

Step 1: From the Setup, in the search box, type “custom metadata” and then select the **Custom Metadata Types** from the list.



Step 2: Select the **MaskedURL** custom metadata type from the list.

Step 3: Click on **Manage Masked URLs** button.

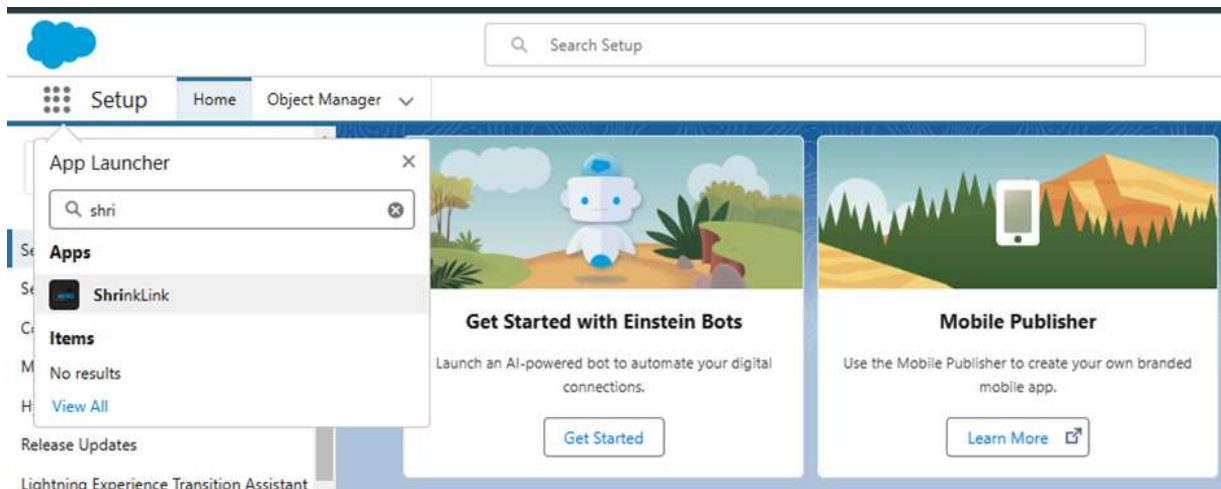
Step 4: Select the **URL** record from the list and click on Edit button to update the record.

Step 5: Update the **Url Name** field with the **Default Web Address** of the site created under **Creating a Site** section(Exclude https://).

Step 6: Click **Save**.

Project Access

1. Assign the package licenses to the required users in salesforce org.
2. Open App Launcher, In the search box type Shrinklink then click on the **ShrinkLink** displayed as shown in below image.



3. Click on the Shortened URLs tab (Here you can create new or see existing shortened urls).



4. Click on the **New** button, enter the original url in the **Redirect URL** field and “save” the record.

New Shortened URL

* = Required Information

Information

Shortened URL Name

Redirect URL

<https://www.google.com/>

Owner

[REDACTED]

Cancel
Save & New
Save

5. Upon saving the record, a shortened url will be created in the **MaskedURL** field.

Shortened URL

S0000

Related

Details

Shortened URL Name

S0000

Redirect URL

<https://www.google.com>

MaskedURL

[REDACTED].my.salesforce-sites.com?=S0000

Owner

[REDACTED]

Created By

Last Modified By

Clicking the URL in the MaskedURL field redirects the user to the Redirect URL in the browser as shown below:

