

C49: Basic SPF Record Generation

Type	Priority	Estimate	References
Functional	High	None	qa-task/tests/generate-spf-with-single-include.spec.js
Automation Type	Is Automated		
None	Yes		
Labels			

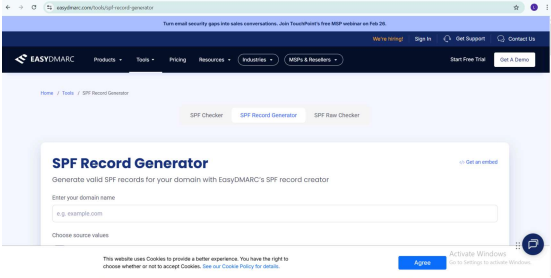
Preconditions

- Open EasyDMARC SPF Record Generator page
- SPF Record Generator form is visible

Test Data:

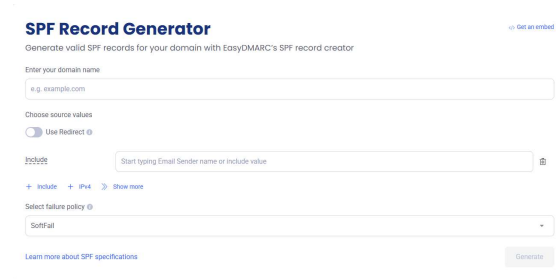
- **Domain:** test.com
- **Mechanism Type:** include
- **Mechanism Value:** _spf.google.com
- **Failure Policy:** SoftFail

Steps

<div>1</div> <div>Open the EasyDMARC SPF Record Generator page.</div>	<div>Expected Result:</div> <div>The SPF Record Generator page should open successfully and load without errors.</div> <div>Screenshot:</div> <div></div>
<div>2</div> <div>Scroll to the SPF Record Generator block until it is fully visible.</div>	<div>Expected Result:</div> <div>The SPF Record Generator block should be displayed and should contain all of the following:</div> <ul style="list-style-type: none">• The Domain input field should be displayed with the placeholder of 'e.g. example.com'.• The Use Redirect toggle should be displayed and should be unchecked by default.

- The **Include** mechanism input field should be displayed with the placeholder of '**Start typing Email Sender name or include value**'.
- The **Include**, **IPv4**, and **Show more** options should be displayed.
- The **Select failure policy** dropdown should be displayed with the default value of '**SoftFail**'.
- The **Generate** button should be displayed and should be **disabled** by default.

Screenshot:

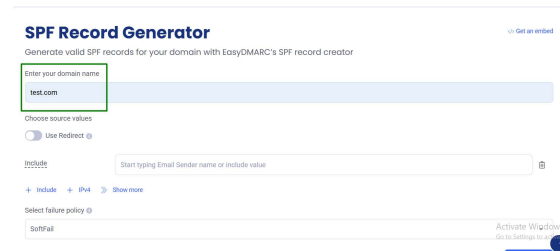


3 In the **Domain** input field, enter test.com.

Expected Result:

The **test.com** should be displayed in the Domain input field and no validation error should be displayed.

Screenshot:



4 In the **Include** mechanism input field, enter _spf.google.com.

Expected Result:

- The **_spf.google.com** value should be displayed in the Include mechanism input field and no validation error should be displayed.
- The **Generate** button should be enabled.

Screenshot:

SPF Record Generator
Generate valid SPF records for your domain with EasyDMARC's SPF record creator

Enter your domain name

Choose source values
☒ Use Redirect (0)

Include

Select failure policy (0)

[Learn more about SPF specifications](#)

Generate

5 Click the **Generate** button.

Expected Result:

The SPF record should be generated successfully and the output information should be displayed.

6 Scroll to the generated SPF record.

Expected Result:

The generated SPF record output should include the following fields:

- Host: **test.com**
- Type: **TXT**
- Value should start with **v=spf1**
- Value should contain **include:_spf.google.com**
- Value should reflect the selected SoftFail policy: **~all**

Screenshot:

SPF lookup results for **test.com** domain

Record Status Valid	Lookup count 1/10	Email Senders 1
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Publish SPF record to your DNS zone and come back to verify.

1. Log into your **DNS zone**
2. Navigate to the **DNS record section**
3. Create a new **TXT** record with the provided data

SPF Record

Host	<input type="text" value="test.com"/>	Copy
Type	<input type="text" value="TXT"/>	
Value	<input type="text" value="v=spf1 include:_spf.google.com ~all"/>	Copy