

**C56: A record**

Type	Priority	Estimate	References
Functional	High	None	None
<b>Automation Type</b>	<b>Is Automated</b>		
None	No		
<b>Labels</b>			

**Preconditions**

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

**Test Data:**

Run the same steps for each valid **A record** value:

- easydmarc.com
- google.com

Additional data:

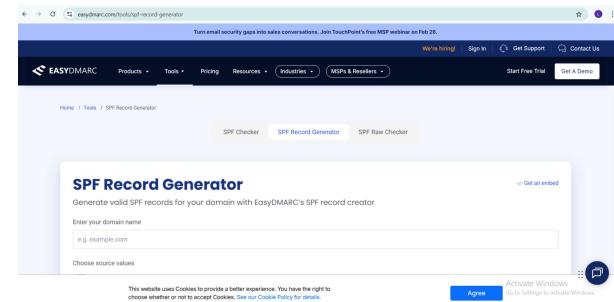
- Domain: test.com
- Include Mechanism Value: \_spf.google.com
- Failure Policy: SoftFail

**Steps**

- 1** Open the EasyDMARC SPF Record Generator page.

**Expected Result:**

The SPF Record Generator page should open successfully and load without errors.

**Screenshot:**

- 2** 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:**

The screenshot shows the 'SPF Record Generator' interface. At the top, there's a search bar for 'Enter your domain name' containing 'test.com'. Below it is a section for 'Choose source values' with a 'Use Redirect' checkbox. Under 'Include', there's a dropdown menu with options '+ Include', '+ IPv4', '+ IPv6', '+ A record', '+ MX record', '+ Exist C...', and 'Show less'. The '+ Include' option is selected and highlighted with a green box. To the right of the dropdown is a search bar for 'Start typing Email Sender name or include value'. Below the dropdown is a 'Select failure policy' dropdown set to 'SoftFail'. At the bottom right are buttons for 'Activate WAF rules', 'Go to Settings', and a blue 'Generate' button.

- 3** 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:**

This screenshot shows the same 'SPF Record Generator' interface as the previous one, but with the input field under 'Include' containing the value `_spf.google.com`. The 'Generate' button at the bottom right is also highlighted with a green box.

- 4** Click the **Show more** button.

**Expected Result:**

The following buttons should be displayed:

- Include**
- IPv4**
- IPv6**
- A record**
- MX record**
- Exists**
- Show less**

**Screenshot:**

This screenshot shows the expanded list of buttons after clicking 'Show more'. The buttons listed are: '+ Include', '+ IPv4', '+ IPv6', '+ A record', '+ MX record', '+ Exist C...', and 'Show less'. The '+ Include' button is highlighted with a green box.

- 5** Click the **A record** button.

**Expected Result:**

The **A record** input field should be displayed with its placeholder of '`e.g. example2.com`'.

**Screenshot:**

This screenshot shows the 'A record' input field at the bottom left of the interface, which has a placeholder of 'e.g. example2.com'. The input field is highlighted with a green box.

6	For each valid <b>A record</b> value listed in <b>Test Data</b> , enter the value in the <b>A record</b> mechanism field.	<b>Expected Result:</b>
7	Observe the <b>Select failure policy</b> dropdown with its default value.	<b>Expected Result:</b>
8	For each valid <b>A record</b> value, click the <b>Generate</b> button.	<b>Expected Result:</b>
9	Review the generated SPF record output for each valid <b>A record</b> value.	<b>Expected Result:</b>

Each **A record** value is accepted and displayed in the **A record** mechanism input field without validation error.

**Expected Result:**

**SoftFail** should be selected in the failure policy dropdown.

**Expected Result:**

The SPF record output area should be displayed successfully for each valid **A record** value.

**Expected Result:**

For each valid A record value, the generated SPF record:

- Host: **test.com**
- Type: **TXT**
- Value should start with **v=spf1**
- Value should contain **include:\_spf.google.com**
- should contain the A record mechanism with the entered value: **a:<entered\_value>**
- should reflect the selected SoftFail policy: **~all**