

C57: MX record

Type	Priority	Estimate	References
Functional	High	None	None
Automation Type	Is Automated		
None	No		
Labels			

Preconditions

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

Test Data:

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

- easydmarc.com
- google.com

Additional data:

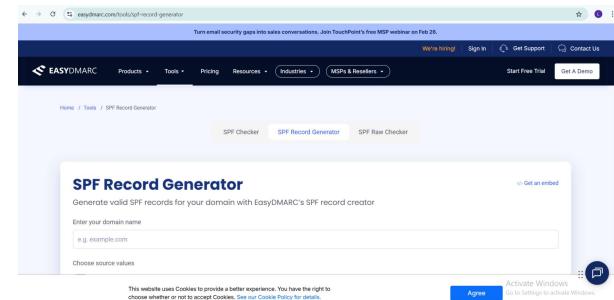
- Domain: test.com
- Include Mechanism Value: _spf.google.com
- Failure Policy: SoftFail

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. In the 'Include' mechanism input field, the value '_spf.google.com' is entered and highlighted with a green box. The 'Generate' button at the bottom right is also highlighted with a blue box.

- 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:

The screenshot shows the 'SPF Record Generator' interface. In the 'Include' mechanism input field, the value '_spf.google.com' is entered and highlighted with a green box. The 'Generate' button at the bottom right is also highlighted with a blue box.

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

Expected Result:

The following buttons should be displayed:

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

Screenshot:

The screenshot shows the 'SPF Record Generator' interface with the 'Show more' button expanded. The 'MX record' button is visible in the list of options.

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

Expected Result:

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

Screenshot:



- 6 For each valid **MX record** value listed in **Test Data**, enter the value in the **MX record** mechanism field.

Expected Result:

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

- 7 Observe the **Select failure policy** dropdown with its default value.

Expected Result:

SoftFail should be selected in the failure policy dropdown.

- 8 For each valid **MX record** value, click the **Generate** button.

Expected Result:

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

- 9 Review the generated SPF record output for each valid **MX record** value.

Expected Result:

For each valid **MX record** value, the generated SPF record:

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