

## C60: Failure Policy Validation

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 failure policy option:

- None
- Fail
- SoftFail
- Neutral

### Additional data:

- Domain: test.com
- Include value: \_spf.google.com

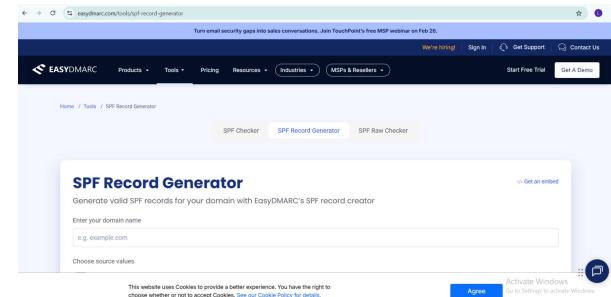
### Steps

- 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 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. The 'Domain' field contains 'test.com'. Under the 'Source Values' section, the 'Include' button is selected, and the input field contains '\_spf.google.com'. The 'Failure Policy' dropdown is set to 'SoftFail'. A green box highlights the '\_spf.google.com' input field.

- 3** In the **Include** mechanism field, enter **\_spf.google.com**.

#### Expected Result:

- The **\_spf.google.com** value should be displayed and no validation error should be displayed.
- The **Generate** button should be enabled.

#### Screenshot:

The screenshot shows the 'SPF Record Generator' interface with the same configuration as the previous screenshot. The 'Include' mechanism field now contains '\_spf.google.com' and the 'Generate' button is highlighted with a green box.

- 4** For each failure policy listed in **Test Data**, open the **Select failure policy** dropdown and select the policy.

#### Expected Result:

Each selected policy (**None**, **Fail**, **SoftFail**, **Neutral**) should be displayed correctly in the failure policy dropdown.

- 5** For each **selected failure policy**, click the **Generate** button.

#### Expected Result:

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

- 6** Review the generated SPF record output for each valid **selected failure policy** value.

#### Expected Result:

For each selected failure policy, the generated SPF record:

- Host: **test.com**
- Type: **TXT**
- Value should start with **v=spf1**
- Value should contain **include:\_spf.google.com**

The following options should be displayed according to selected failure policy:

- **Fail:**
    - The output should reflect -all
  - **SoftFail:**
    - The output should reflect ~all
  - **Neutral:**
    - The output should reflect ?all
    - '**1 Issue detected message**' should be displayed.
    - '**To have maximum security, ensure the mechanism is either '~all' (soft fail) or '-all' (hard fail) and update your record**' warning should be displayed.
  - **None:**
    - The output should display the Record status of Invalid and the error message of '**The 'all' tag is missing from the record which is equivalent to '?all' (neutral) or the absence of an SPF record. Ensure the mechanism is either '-all' (hard fail) or '~all' (soft fail). and update your record.**'

## Screenshot:

