



# PDF SHARE FORMS

Online, Offline, OnDemand

PDF forms and SharePoint are better together

## Remove permissions from form after submitting

Product: PDF Share Forms Enterprise for SharePoint 2013

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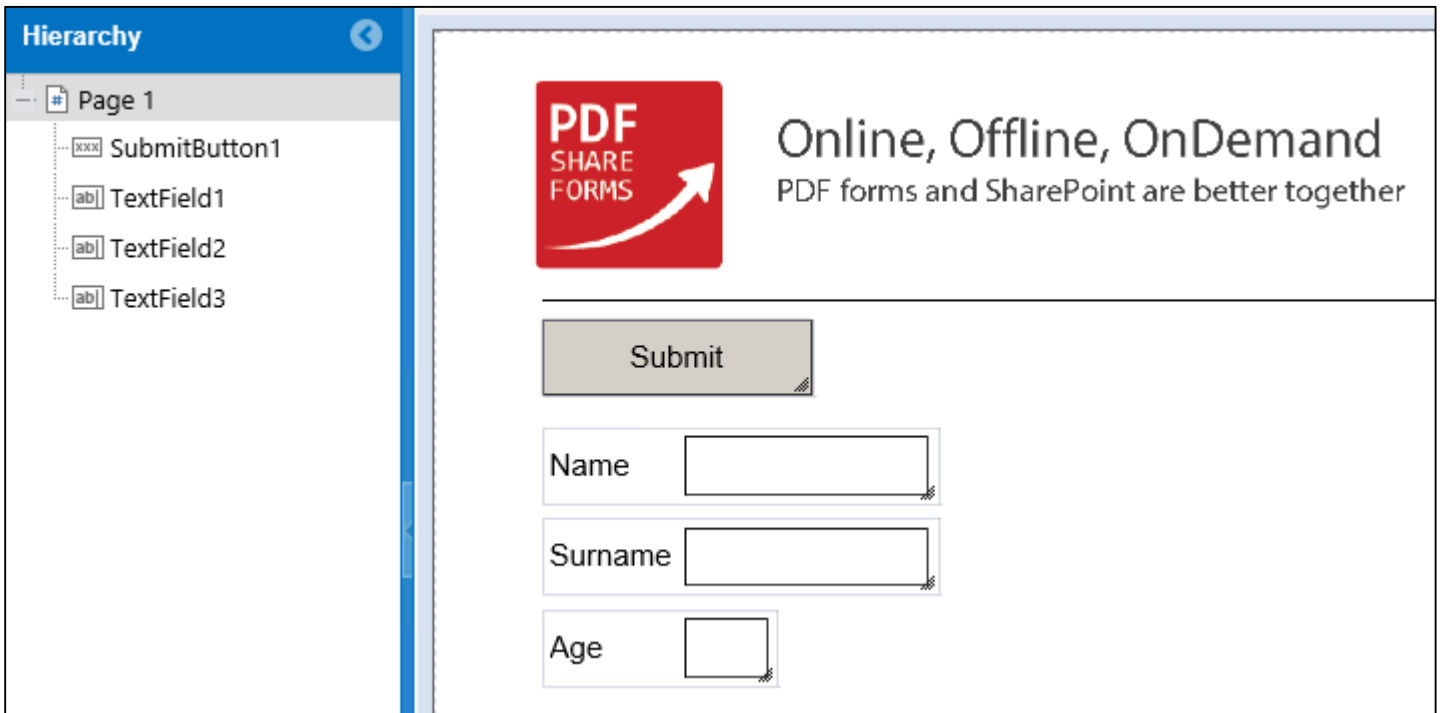
This guide describes how to remove user permissions from the form after submitting it.

**NOTE:** Dynamic (XFA) and Static (Acro) forms have similar approaches.

## Remove permissions from every submitter

### Template

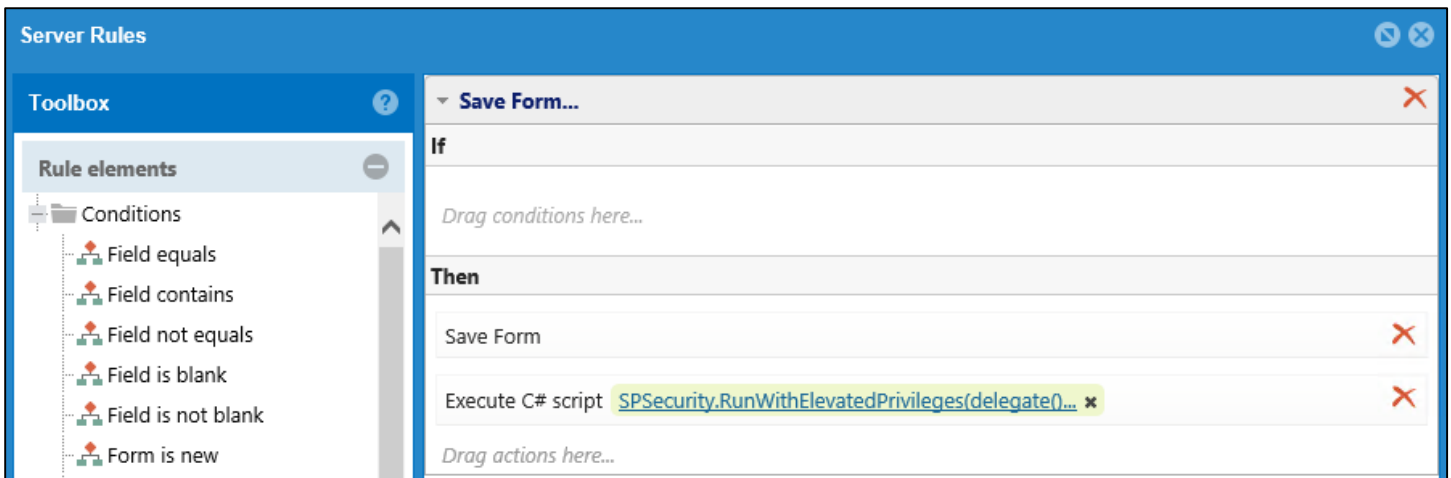
#### Step 1. Prepare template



The screenshot displays a PDF form template in a design tool. On the left, a 'Hierarchy' pane shows the structure: 'Page 1' contains 'SubmitButton1', 'TextField1', 'TextField2', and 'TextField3'. The main workspace shows the form layout, including the PDF SHARE FORMS logo, the text 'Online, Offline, OnDemand PDF forms and SharePoint are better together', a 'Submit' button, and three text fields labeled 'Name', 'Surname', and 'Age'.

This template has three text fields and one submit button, which are used only for demonstration purposes.

**Step 2.** Add script to form submit rule. Place **Execute C# script** action under **Save Form** action. Navigate to **Developer** → **Form Submit**



**Script:**

```
SPSecurity.RunWithElevatedPrivileges(delegate()
{
    string strUrl = "http://dc/sites/guides"; //must be specified for proper case
    using (SPSite oSiteCollection = new SPSite(strUrl)){
        using (SPWeb oWebsite = oSiteCollection.OpenWeb()){
            oWebsite.AllowUnsafeUpdates = true;
            SPList list = oWebsite.Lists["Guides"]; //library name must be specified for proper case
            string userOrGroup = currentWeb.CurrentUser.ToString();
            SPLListItem item = list.GetItemById(form.DocumentID);
            item.BreakRoleInheritance(false);
            SPPrincipal userGroup = oSiteCollection.RootWeb.EnsureUser(userOrGroup);
            SPRoleAssignment spRoleAssign =
            item.RoleAssignments.GetAssignmentByPrincipal(userGroup);
            item.RoleAssignments.Remove(userGroup);
            list.Update();
            oWebsite.AllowUnsafeUpdates = false;
        }
    }
});
```

This code remove permissions on form from current user after submitting the form.



## Runtime

**Step 1.** Logged in as **User3**

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Submit

Name John

Surname Smith

Age 45

Fill in form and submit it.

**Step 1.1** In result, current user will not see submitted form

Newsfeed SkyDrive Sites User3

SHARE FOLLOW SYNC

Guides EDIT LINKS

Search this site

# Guides

+ new document or drag files here

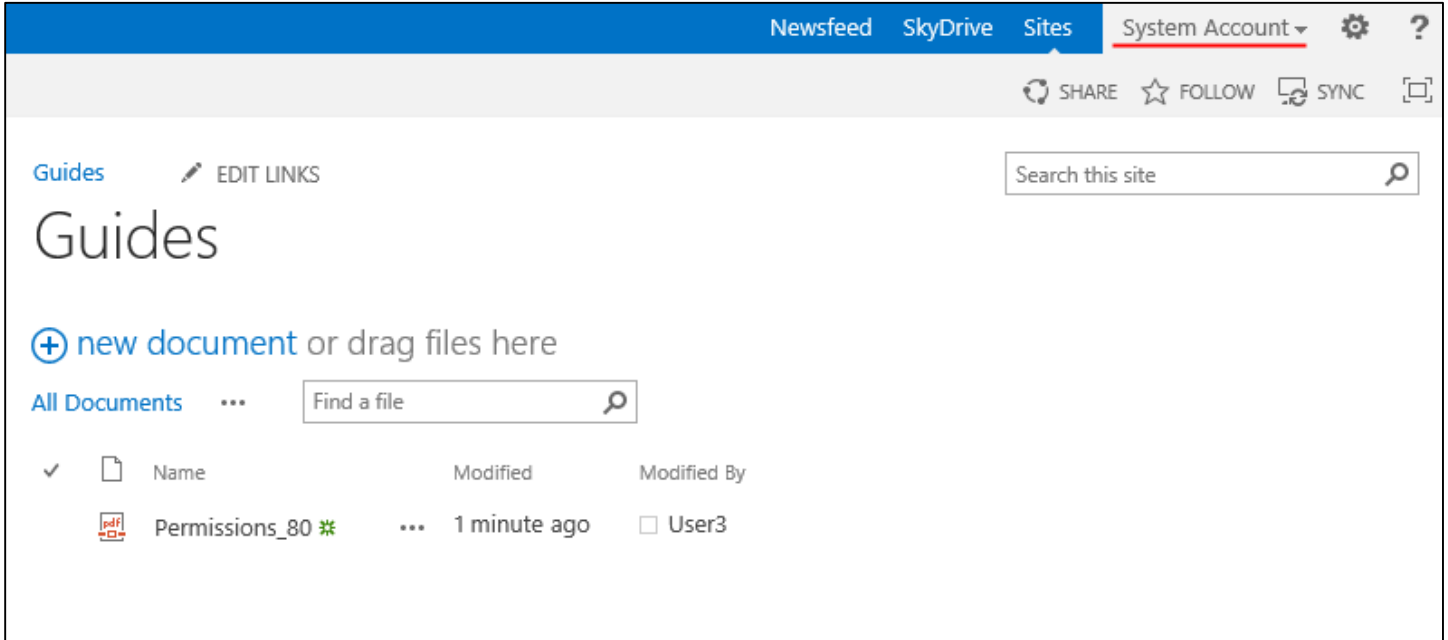
All Documents Find a file

✓	📄	Name	Modified	Modified By
---	---	------	----------	-------------

There are no files in the view "All Documents".



**Step 1.2** Log in with another account



Open form

The screenshot shows a PDF form with the following content:

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Submit

Name

Surname

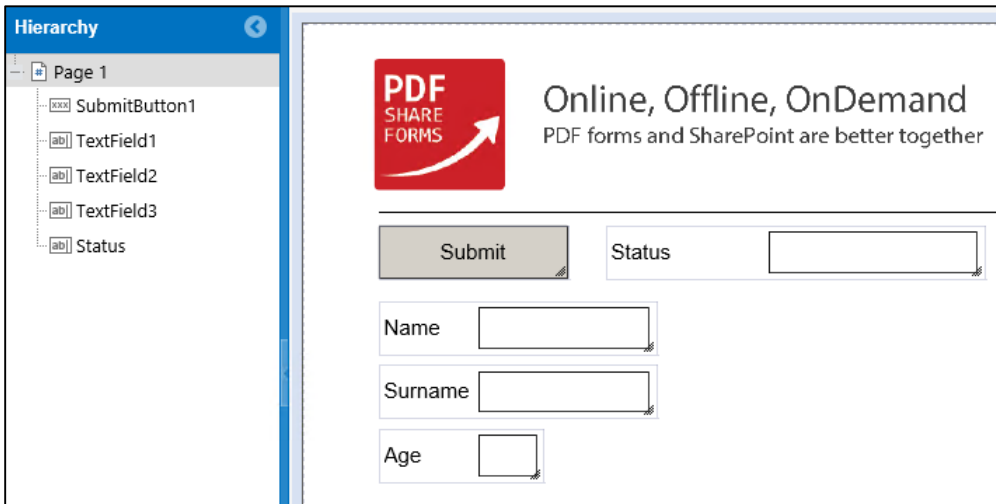
Age

**NOTE:** This approach consider that every user who submit the form will lose permissions on item.

## Remove permissions from first submitter

### Template

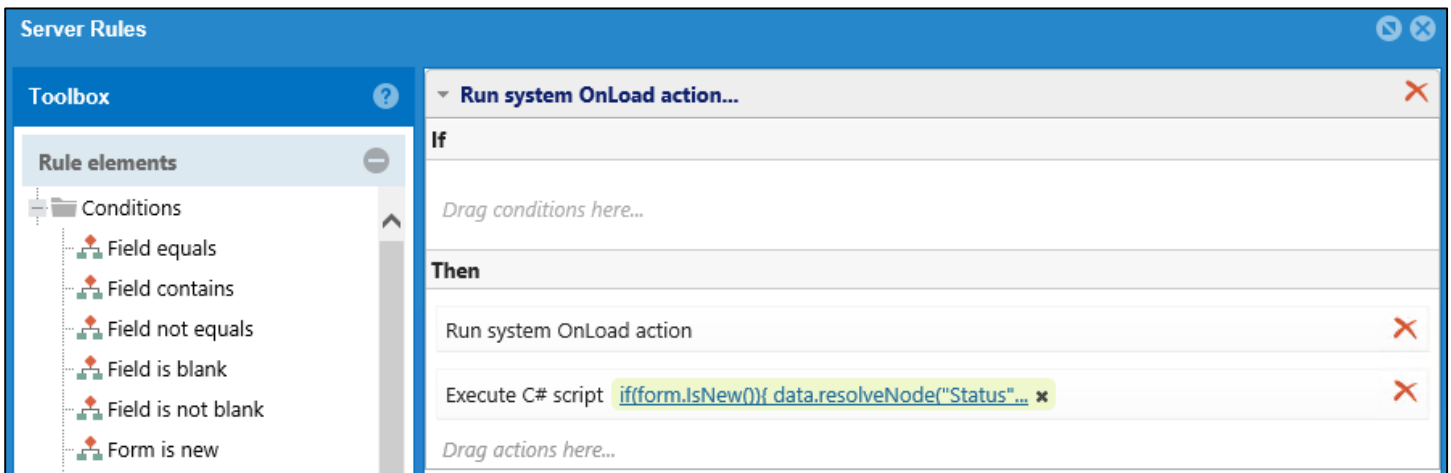
#### Step 1. Prepare template



This template has three text fields and one submit button, which are used only for demonstration purposes.

“Status” text field is filled in by Form Load action. It is used to check if form is new. This field should be set to hidden. It is visible only for demonstration.

#### Step 2. Add script to form submit rule. Place **Execute C# script** action after **Run system OnLoad** action. Navigate to **Developer → Form Load**

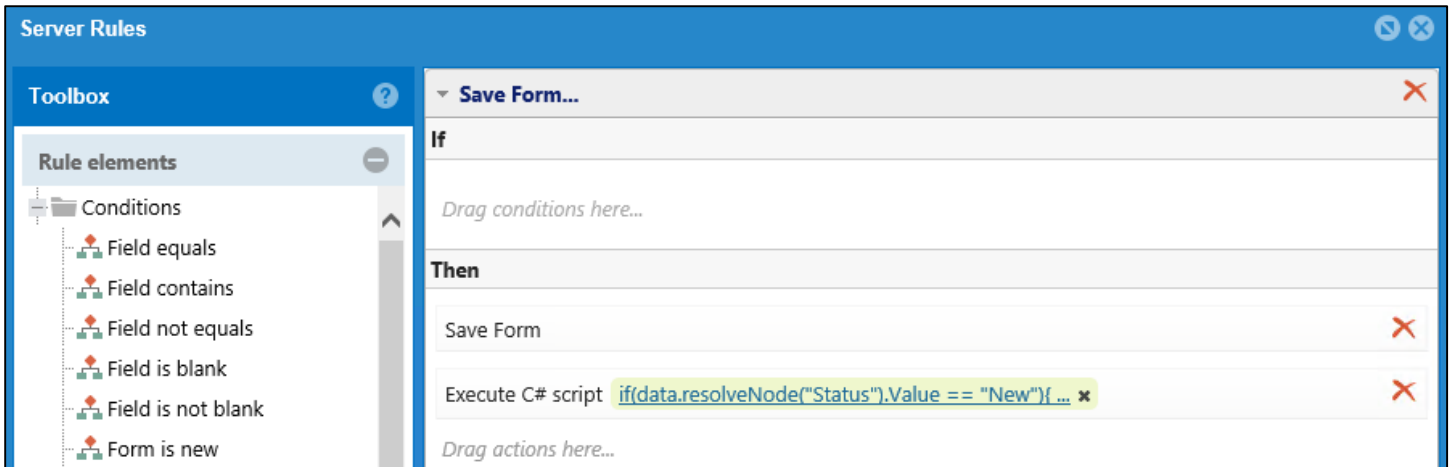


Script:

```
if(form.IsNew()){data.resolveNode("Status").Value = "New";}
else{data.resolveNode("Status").Value = "Old";}
```

If form is newly created **Status** field will contain “New”, if form is old – field will contain “Old”.

**Step 3.** Add script to form submit rule. Place **Execute C# script** action under **Save Form** action, navigate to **Developer** → **Form Submit**



**Script:**

```

if(data.resolveNode("Status").Value == "New"){
SPSecurity.RunWithElevatedPrivileges(delegate()
{
    string strUrl = "http://dc/sites/guides"; //must be specified for proper case
    using (SPSite oSiteCollection = new SPSite(strUrl)){
        using(SPWeb oWebsite = oSiteCollection.OpenWeb()){
            oWebsite.AllowUnsafeUpdates = true;
            SPList list = oWebsite.Lists["Guides"]; //library name must be specified for proper case
            string userOrGroup = currentWeb.CurrentUser.ToString();
            SPLListItem item = list.GetItemByUniqueId(form.DocumentID);
            item.BreakRoleInheritance(false);
            SPPrincipal userGroup = oSiteCollection.RootWeb.EnsureUser(userOrGroup);
            SPRoleAssignment spRoleAssign =
item.RoleAssignments.GetAssignmentByPrincipal(userGroup);
            item.RoleAssignments.Remove(userGroup);
            list.Update();
            oWebsite.AllowUnsafeUpdates = false;
        }
    }
});
}

```

**NOTE:** `string userOrGroup = currentWeb.CurrentUser.ToString()` – this line removes item permissions from current user. User could be specified. For example there could be – `string userOrGroup = "dev-sp2013-03\User3"`.



Runtime

Step 1. Logged in as User3

The screenshot shows a web form with the following elements:

- Header: PDF SHARE FORMS logo and text "Online, Offline, OnDemand PDF forms and SharePoint are better together".
- Buttons: "Submit" and "New".
- Form Fields:
  - Name: Kate
  - Surname: Amnel
  - Age: 20
  - Status: New

Fill in form and submit it.

Step 1.1 In result, current user will not see submitted form

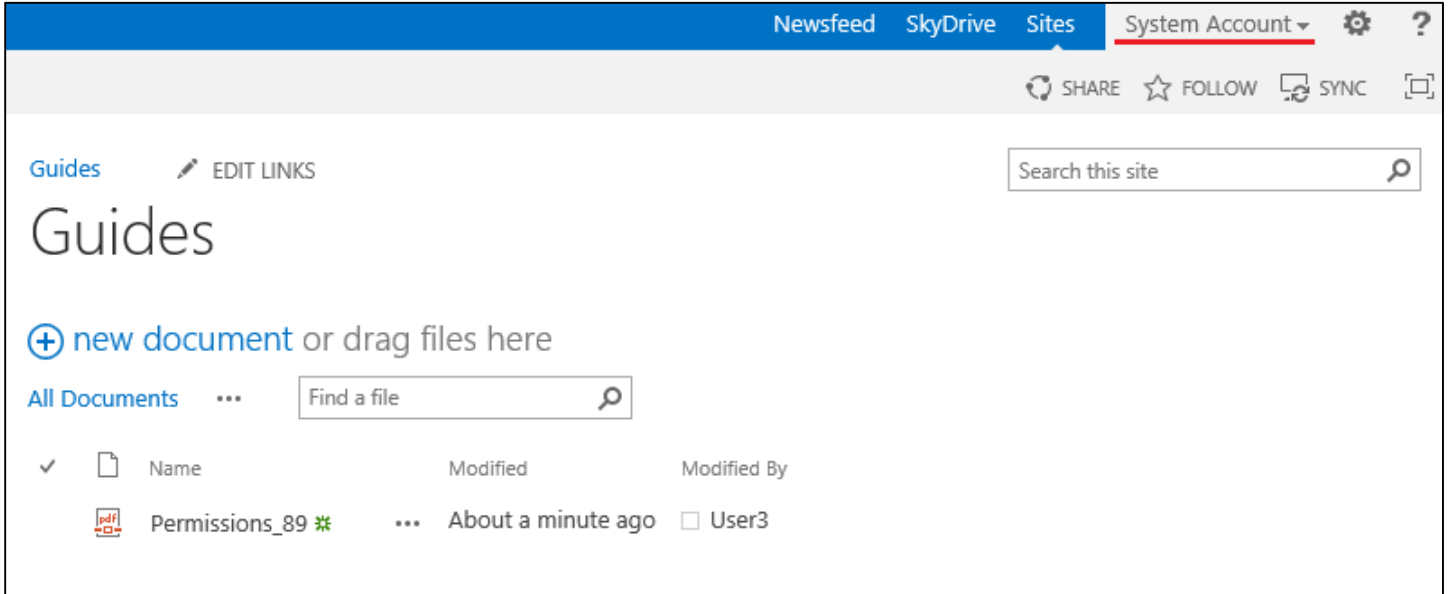
The screenshot shows a SharePoint site interface with the following elements:

- Top navigation bar: Newsfeed, SkyDrive, Sites, User3 (selected), settings, and help icons.
- Secondary navigation: SHARE, FOLLOW, SYNC, and a search box labeled "Search this site".
- Main content area:
  - Section: Guides (with an EDIT LINKS icon).
  - Message: "+ new document or drag files here".
  - File list view:
    - Header: All Documents, Find a file (with search icon).
    - Columns: Name, Modified, Modified By.
    - Content: "There are no files in the view 'All Documents'".





**Step 1.2** Log in with another account



Open form

The screenshot shows a PDF form with the following fields and values:

- Submit** button
- Status** field: Old
- Name** field: Kate
- Surname** field: Amnel
- Age** field: 20

**NOTE:** This approach consider that first user who submit the form will lose permissions on item.