

## You

Let's Explore All Real Time Projects based QnA for all kinds of SPDESIGNER VS POWER AUTOMATION USED ON MICROSOFT 365 SHAREPOINT ONLINE VS ON PREM FROM 2003,3007,2010,2013,2016,2019 BOTH CLASSIC VS MODERN at all Levels: Admin, Development, Designing, Migration, Branding level for Super Senior Architect Consultant level IN A TABULAR REPRESENTATION MENTIONING ALL KINDS OF POINTS SUMMARY !!

## Copilot

Certainly! Let's delve into the comparison between SharePoint Designer and Power Automate, focusing on various aspects across different versions and levels. I'll provide a concise summary in a tabular format:

Aspect	SharePoint Designer (Classic)	Power Automate (Modern)
<b>Purpose</b>	Workflow creation and customization within SharePoint sites.	Cloud-based automation platform for workflows and integrations across Microsoft 365.
<b>Versions Supported</b>	Primarily SharePoint 2010 and 2013 workflows.	Universal solution for workflow automation in Microsoft 365.
<b>Scope</b>	Limited to SharePoint Online and single site collections.	Extends beyond SharePoint to other Microsoft 365 services (e.g., Teams, Outlook).
<b>Workflow Types</b>	Sequential and state machine workflows.	Flow-based workflows with triggers, conditions, and actions.
<b>Integration</b>	Tightly integrated with SharePoint lists and libraries.	Integrates with various Microsoft 365 services, third-party apps, and custom connectors.
<b>Custom Actions</b>	Supports custom actions using SharePoint Designer actions.	Custom actions can be created using Power Automate connectors and expressions.
<b>Complexity</b>	Limited complexity due to SharePoint Designer's visual interface.	Supports complex scenarios with conditional logic, loops, and error handling.
<b>Approval Workflows</b>	Basic approval workflows available.	Advanced approval scenarios with dynamic approvers and escalation.
<b>External Data</b>	Limited support for external data sources.	Extensive connectors for external systems (e.g., SQL, REST APIs).
<b>Triggers</b>	Event-based triggers (e.g., item creation, modification).	Wide range of triggers (e.g., scheduled, HTTP requests, email).
<b>User Experience</b>	Familiar interface for SharePoint users.	Cloud-based, accessible from anywhere.

Aspect	SharePoint Designer (Classic)	Power Automate (Modern)
<b>Governance</b>	Site collection administrators manage workflows.	Centralized governance through Power Platform admin center.
<b>Migration Considerations</b>	Migrate to Power Automate for ongoing support.	Assess existing workflows and plan transition.
<b>Future-Proofing</b>	SharePoint Designer is deprecated; no new updates.	Power Automate is actively developed and enhanced.

Remember that while SharePoint 2010 workflows are being retired, SharePoint 2013 workflows remain supported for now. However, transitioning to Power Automate is recommended for a more robust and future-proof solution . If you have any specific questions or need further details, feel free to ask! 😊

**You**

How can I migrate my existing SharePoint Designer workflows to Power Automate?

**Copilot**

Certainly! To migrate your existing SharePoint Designer workflows to Power Automate, follow these steps:

**1. Assess Your Workflows:**

- Identify the SharePoint Designer workflows you want to migrate.
- Consider their complexity, triggers, and dependencies.

**2. Use the SharePoint Migration Tool (SPMT):**

- The **SharePoint Migration Tool (SPMT)** allows you to migrate SharePoint Server 2010 out-of-the-box workflows and SharePoint Designer 2010 & 2013 workflows to Power Automate.
- Configure the SPMT endpoints and initiate the migration process.

**3. Review and Test:**

- After migration, review the migrated flows in Power Automate.
- Test the workflows to ensure they function as expected.

**4. Retire Classic Workflows:**

- SharePoint 2010 workflows are deprecated, and SharePoint 2013 workflows will follow a similar retirement path.
- It's highly recommended to use Power Automate or other supported solutions for ongoing workflow needs.

Remember that modern experiences in SharePoint integrate seamlessly with other Microsoft 365 apps and services, making Power Automate a versatile choice for workflow automation. If you need further assistance or have specific questions, feel free to ask! 😊

**You**

Can I use Power Automate with my existing SharePoint lists and libraries?

**Copilot**

Certainly! Power Automate integrates seamlessly with your existing SharePoint lists and libraries. Here's how you can leverage it:

## 1. Create Flows for Lists and Libraries:

- In Power Automate, create flows (workflows) that trigger based on events in your SharePoint lists or libraries.
- Common triggers include item creation, modification, or deletion.

## 2. Automate Repetitive Tasks:

- Use Power Automate to automate repetitive processes associated with your lists and libraries.
- For example, you can automatically notify team members when a new item is added or update metadata based on specific conditions.

## 3. Custom Actions and Workflows:

- Design custom actions and workflows using Power Automate connectors.
- These can include approvals, notifications, data synchronization, and more.

## 4. Integrate with Other Services:

- Power Automate isn't limited to SharePoint alone.
- You can integrate it with other Microsoft 365 services (like Teams, Outlook, OneDrive) and third-party apps.

Remember that Power Automate provides a cloud-based, accessible solution for workflow automation across your entire Microsoft 365 environment. If you have specific scenarios or need further guidance, feel free to ask! 😊

### You

How do I handle complex approval workflows using Power Automate?

### Copilot

Certainly! Handling complex approval workflows using Power Automate involves creating sequential approval processes. Let's break it down:

#### 1. Scenario:

- Imagine an employee vacation request process.
- We'll create a flow that manages pre-approval and final approval.

#### 2. Flow Steps:

- **Start:**
  - Trigger: When an employee creates a vacation request in a SharePoint Online list.
- **Pre-Approval:**
  - Add the request to the approval center.
  - Email the pre-approver.
  - Capture pre-approval decision and comments.
- **If Pre-Approved:**
  - Send the request to the final approver.
  - Email the final decision to the employee.
- **Update SharePoint List:**
  - Record both pre-approval and final decisions.

#### 3. Prerequisites:

- Power Automate.
- SharePoint Online list with necessary columns (e.g., vacation start/end dates, comments, approval status).

Remember, you can adapt this approach to other scenarios beyond SharePoint. If you need further details or have specific use cases, feel free to ask! 😊

## You

How do I handle escalations or rejections in complex approvals?

## Copilot

Certainly! Handling escalations and rejections in complex approval workflows using Power Automate involves thoughtful design and additional steps. Let's explore how you can achieve this:

### 1. Escalations:

- When an approval request times out (i.e., not approved or rejected within a specified time), you can escalate it.
- Add a "Scope" action after your initial approval request.
- Configure the "Configure run after" option to trigger when the approval request has timed out.

### 2. Custom Responses Beyond Approve/Reject:

- By default, Power Automate provides approve/reject options for approvals.
- However, you might need custom responses. For instance, in a discount approval, you could offer predefined discount limits.
- To achieve this, create a custom response mechanism using adaptive cards or other UI elements.

Remember that Power Automate is flexible, allowing you to tailor approval workflows to your specific business needs. If you have further questions or need assistance, feel free to ask! 😊