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# EvOps for Azure Stack Request Templates

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# What is a Request template?

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Request template is an object in an EvOps account that contains marketplace metadata, wizard input definition, and workflow that can be published in the Azure Stack Marketplace.

When a user clicks on a published request template-based Azure Stack Marketplace offering, it is presented with the wizard experience defined in the template. Once submitted, it creates a request object that contains a workflow that can be tracked in the My requests node. Instead of just deploying a resource, a workflow is initiated containing multiple activities such as approvals, webhooks, manual tasks, ARM deployments, etc.

## Overview

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### Security

By default, published request templates in Marketplace can be accessed by any user in the same tenant directory as the EvOps account, or tenants that have been selected as whitelisted in the EvOps account. In the Security section, you can override this behavior and configure that only specific users or groups can access the request template in Marketplace. Request templates will still be visible for all users, but when trying to access the request template they will receive a message that they do not have access to it.

### Marketplace

Marketplace section of the request template contains all information that is visible in the Azure Stack Marketplace:

Name	Description
Display name	Name shown in Azure Stack Marketplace
Name	Unique name that is generated or can be set manually
Publisher	Name of publisher
Summary	Brief description of offering
Category	Select an existing or create a new category that the offering should belong to
Template type	Type of template, Incident or Service Request
Long summary	Description of offering
Icons	Upload icons in png format for offering in sizes: Small (40x40); Medium (90x90), Large (115x115) and Wide (255x115)

Screenshots	Upload screenshot in png format for offering in size 533x324
Useful links	One or multiple weblinks e.g. Product Page, Support etc.
Description	Detailed description of offering in HTML format

When creating a request template, you only set a subset of the options. You need to edit the request template after creation to set all options.

## Wizard

In this section you design the wizard experience for the offering. You can design your own lists and SKUs and set fields as required and with conditions.

There are two wizard modes available:

**Simple Mode:** Prompts are listed on one blade

**Wizard Mode:** Prompts can be grouped in steps

The wizard journey is then design by adding prompts of diverse types. Please see below table for available prompt types:

Name	Description
Textbox	Single line text input
Multiline Textbox	Multiline text input
Checkbox	True/False input
Date	Date input
Time	Time input
Datetime	Date and time input
List	List selection input
Numeric	Numeric input
Options	Multiple options input
Resource picker	Select ARM resource that can be filtered on type
Slider	Drag slider input
Resource group	Select resource group
Subscription	Select subscription
Location	Select location
SKU	Lets you create your own SKUs for selection

Password	Masked prompt for passwords
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### Visibility

Visibility can be configured per prompt, based on a condition on value in another prompt.

### Validators

Depending on prompt type, validation can be applied. Example validation can be required.

## Workflow

Here you design the optional workflow that will be initiated once the request is created. A workflow consists of a sequence of activities that will be processed.

See below table for available activities:

Name	Description
Review	Configure an approval/reviewer to continue the workflow
Manual	Set a manual step that is required in the workflow
ARM Deployment	ARM deployment template in the workflow
Runbook	Execute Service Management Automation (SMA) runbook
Webhook	Initiate outbound Webhook from the workflow
Delay	Inject a timer for x number of seconds/hours/days

## Publishing

To make the request template available in the Azure Stack Marketplace, you need to publish the template:

1. Open targeted **Request template**
2. Click **Publish**
3. Refresh browser
4. Done

# Create a Request template

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Please follow the steps below to create a request template:

1. Open your **EvOps account**
2. Click **Request template** tile
3. Click **New**
4. Provide a **Display name** for your template
5. Accept or modify the generated unique **Name**
6. Provide a **Publisher**
7. Provide a brief description in **Summary**
8. Select **Create new** or **Use existing** category
9. Select **Template type**
10. Click **OK** to create template
11. Click newly created template in list
12. Click **Wizard** and design your wizard experience
13. Click **Workflow** to author your workflow
14. When done, click **Publish** to make the request template available in Marketplace

# Export/Import Request templates

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Request templates can easily be exported and imported. Please follow the below instructions to export/import request templates.

## Export

1. Open your **EvOps account**
2. Click **Request template** tile
3. Click the **Request template** you want to export
4. Click **Export**
5. Done

## Import

1. Open your **EvOps account**
2. Click **Request template** tile
3. Click **Import**
4. Browse and select an evpkg file for import
5. Edit **Display name** and **Name** if required
6. Click **OK** to import
7. Done