



POWER APPS PORTALS

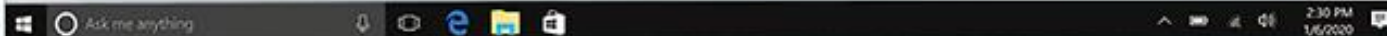
# Portallunsj

Ons 24. November 2021

kl. 11.00-12.30

Gratis - Online

For Power Apps Portals folk i Norge





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Microsoft Business Applications MVP

- SharePoint
- Dynamics 365
- Power Platform
- **PORTALS** <3
- Brukeropplevelse

Denne presentasjonen  
finner du på

[ulrikke.akerbak.com/  
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- .Net
- Azure
- Power Platform
- **Portals**
- CRM

Spør meg om  
**Portals ALM**

# Husregler

- Camera på
- Unmute
- Still spørsmål
- Bruk chat

# Power Platform User Group



## Agenda (fast kjøreplan)

Nyheter

Arrangementer

**Ut-Av-Boksen:** Portaltyper (Ulrikke)

**Avansert:** Portals ALM (Sivert)

Neste møte

Nyheter



Photo by [Ursula Gamez](#) on [Unsplash](#)

# Embed Iframe Steps

## Extend Portals

Filter by title

- > Get started
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## Embed a portal in another website by using an iframe

10/29/2021 • 2 minutes to read •

[Is this page helpful?](#)

One of the most common ways of using portal applications is to embed portal functionality inside another website. Usually the other website already exists, but you want to enhance its abilities and add new functions that work with your data surfaced through the portal application.

In this scenario, it's easier to embed your portal functionality rather than build it from scratch. This article explains the steps to embed a portal application in a different website by using an iframe.

### Step 1. Enable the portal for iframe

Iframes are disabled on new portals by default, to ensure that no one can embed your portal application externally to attempt "clickjacking" attacks.

1. Set up the HTTP response header. You can choose either the [Content-Security-Policy \(CSP\) frame-ancestors](#) directive (recommended) or [X-Frame-Options](#).

#### Note

Content-Security-Policy frame-ancestors has superseded X-Frame-Options, and is the method described in this article.

- a. Set the site setting to enable the HTTP header **HTTP/Content-Security-Policy**. More information: [Set up HTTP headers in portals](#)
- b. Follow the syntax described in [CSP: frame-ancestors](#) to set the value.

For example, to enable a portal that can be embedded by using an iframe in the website `www.contoso.com`, the setting will look like the following:

```
Content-Security-Policy: frame-ancestors 'self' <https://www.contoso.com>;
```

#### Note

The `'self'` string is important; without it, the portal won't be able to embed its own pages, which is commonly required in scenarios such as modal pop-up menus for basic forms.

It's important to limit the ability to embed a portal in an iframe to specific sites, rather than use the wildcard character (\*).

CSP consists of numerous directives whose values depends on various factors (like from where the scripts are loaded). This article doesn't cover that information because it's implementation-specific. However, we recommend that you first test this setup on a nonproduction portal, look at the browser console errors to identify issues you need to fix, and adjust the setting.

2. Set the **SameSite** default to **None** for portal cookies.

The [SameSite attribute](#) for cookies is useful for securing the site against cross-site request forgery (CSRF) attacks. However, this also means that the site can't be embedded in an iframe in scenarios like when the site requires user authentication or contains dynamic components like forms or lists.

Therefore, to embed the portal in an iframe, you must change the SameSite cookie attribute for your portal to **None**.

#### In this article

- [Step 1. Enable the portal for iframe](#)
- [Step 2. Embed your portal](#)
- [Step 3. Handle headers and footers](#)

# Setup Azure Front Door

## Extend Portals

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Docs / Power Platform / Power Apps / Portals / How-to guides for extending portals / Set up Azure Front Door with portals

Filter by title

- > Get started
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## Set up Azure Front Door with portals

10/29/2021 • 8 minutes to read •

Is this page helpful?

As a portal maker, you can use Azure Front Door with Power Apps portals to use its edge caching and Web Application Firewall (WAF) capabilities. In this article, you'll learn how to set up Azure Front Door Standard/Premium (preview) with portals.

**Note**

- Since Azure Front Door Standard/Premium (preview) is in preview, ensure you follow the preview guidelines as outlined in [Azure documentation](#).
- Although this article is focused on [Azure Front Door Standard/Premium \(preview\)](#), similar steps can be used for [Azure Front Door](#) or any other content delivery network or WAF provider. The terminology used by various components might be different.
- While [custom domain HTTPS settings using Azure portal](#) allows you to choose a default minimum TLS version between 1.0 and 1.2, use TLS version 1.2 for strong ciphers.

Follow these steps to set up Azure Front Door with portals:

1. [Set up the Azure Front Door endpoint and custom domain name that portal users will use.](#)
2. [Configure your portal as the origin.](#)
3. [Set up routing rules to cache static requests.](#)
4. [Set up WAF rules to analyze incoming requests.](#)
5. [Set up the portal to accept traffic only from Azure Front Door.](#)

## Set up the Azure Front Door endpoint and custom domain name

In this section, you'll learn how to set up the Azure Front Door service and enable a custom domain name for this setup.

### Prerequisites

- An Azure subscription with the access to create new services.
- A custom domain name and access to the DNS provider for custom domain name setup.
- An SSL certificate that will be used for the custom domain name. The certificate must meet the [minimum requirements](#) for portals.
- [Owner access](#) to portals, to set up the custom domain name.

### Set up the Azure Front Door endpoint

**Note**

If you've already created the Azure Front Door resource, go to step 3 of the following procedure.

1. Sign in to the [Azure portal](#), and create a new Azure Front Door (Standard or Premium) resource. More information: [Quickstart: Create an Azure Front Door Standard/Premium profile - Azure portal](#)

# Liquid Template Tag for Code Components

(PREVIEW)

Extend Portals

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Docs / Power Platform / Power Apps / Portals / For developers / Code components (preview) / Use code components Liquid template tag

## Liquid template tag for code components (preview)

11/15/2021 • 2 minutes to read

In this article  
Tutorial: Use code components on pages with Liquid template tag  
Next steps

Is this page helpful?

```
{% codecomponent name: <ID or name> <property1:value> <property2:value> %}
```

For example, to add a code component expecting an input parameter named *controlValue*, use the following Liquid template tag:

```
{% codecomponent name:abc_SampleNamespace.MapControl controlValue:'Space Needle' controlApiKey:<API Key Value> %}
```

**Tip**  
This example uses parameters called *controlvalue* and *controlApiKey*, however the component you use may require different parameter names.

You can use the [sample map control](#) and [package the code component as a solution](#) for use with portals.

- > Teams integration
- > Access migration (preview)
- Chatbots
- AI Builder
- > Sample apps and solutions

community resources, contact the publisher of the resource. Before using these resources, you must ensure that they meet the Power Apps component framework guidelines and should only be used for reference purpose.

**Tutorial: Use code components on pages with Liquid**

# Pay-as-you-go

Licencing

## Power Apps-priser

Gå gjennom standardplaner, kostnader og tilgjengelighet for å begynne å kjøre forretningsapper.

### Abonnementsplaner

Best for bedrifter som ønsker forutsigbar brukerbasert lisensiering, med fleksibiliteten til å lisensiere brukere til å kjøre én app om gang eller kjøre ubegrensede apper.

Per app-plan

## kr 44,10

per bruker/app/måned

Kjør én app eller portal per bruker, og stable lisenser for tilgang for hver ekstra etter hvert som behovene endres.

- Krever tilgang til administrasjonssenteret for Microsoft 365 med [rollen global administrator eller faktureringsadministrator](#).

Kjøp nå >

Per bruker-plan

## kr 176,30

per bruker/måned

Kjør ubegrensede apper og portaler per bruker for én fast månedspris.

- Tilgjengelig for kjøp nå med kredittkort.

Kjøp nå >

Prøv kostnadsfritt >

### Bruksbasert plan

Passer best for virksomheter som vil ha mulighet til å betale bare når en bruker kjører en app, i løpet av en månedlig periode.

Per app-plan

## kr88,15

per aktive bruker/app/måned<sup>1</sup>

Bruk et Azure-abonnement til å betale per bruker basert på antall unike apper eller portaler en bruker kjører hver måned.

- Krever et Azure-abonnement.


Finn ut mer >

# Multiple Portals

Create Multiple Portals

- of the same type
- in the same language \*
- in the same environment

## Create additional portals in an environment

10/29/2021 • 2 minutes to read • 

[Is this page helpful?](#)

The ability to create additional environments is determined by the template chosen for the new portal. The following table explains the limits for creating additional portals in an environment.

Environment type	Template	Limit	Additional information
<a href="#">Environment with Dataverse</a>	Dataverse starter portal	50 portals*	No limits for language. For example, more than one or all portals can use same language.
<a href="#">Environment with customer engagement apps</a>	Portal from blank	50 portals*	No limits for language. For example, more than one or all portals can use same language.
<a href="#">Environment with customer engagement apps</a>	All templates except "Portal from blank"	1 portal for each language	For example, 1 English language portal for "Community portal" template allowed.

# Community Portal (NEW)

(PREVIEW)

The screenshot shows the Dynamics 365 Management console interface. At the top, there are navigation tabs for "Meeting Capture", "Power Apps Training", "Onboarding Tasks", and "Help Desk", each with a "Canvas app" icon. The main content area is a modal dialog titled "Modern Community (Preview)".

The dialog features a preview window on the left showing a "Welcome to Microsoft communities" page with sections for "All Features", "Access", "Configuration Manager", "Email", "Exchange", and "OneDrive". Below the preview, there is a description: "Modern Community (Preview) - Capture customer ideas and close the feedback loop deepening customer engagement. [Learn more](#)".

On the right side of the dialog, there is a warning message in a pink box: "Modern Community app package is not installed in this org. Please visit [AppSource](#) to install app." Below this, there are form fields for "Name \*", "Address \*", and "Language". The "Address" field has a dropdown menu with ".powerappsportals.com" selected. The "Language" field has a dropdown menu with "English" selected.

At the bottom right of the dialog, there are "Create" and "Cancel" buttons. Below the "Create" button, there is a link for "Privacy and Cookies".

# Microsoft User Groups Norway

- [Dynamics User Group Norway \(DYNUG\)](#)
- [Power Platform User Group Norway \(Oss\)](#)
- [Power BI User Group Norway](#)
  
- [Power Apps User Group Norway](#)
- [Power Automate User Group Norway](#)
- [Power Virtual Agents User Group Norway](#)

# Hvilke av temaene vil du høre om neste gang?

1. Sikkerhet
2. PCF (Power Apps Component Framework)
4. Web API
5. Invitasjonsprosess og brukertilgang
6. Branding

- Eller noe annet? Skriv isåfall i chat 😊



Photo by [David Clode](#) on [Unsplash](#)

# What's new and planned

Revisited



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# Core platform

Additional and enhanced capabilities on the platform allow makers to enable more scenarios out-of-box while implementing Power Apps portals.

Feature	Enabled for	Public preview	General availability
Dataverse search integration in portals	Users by admins, makers, or analysts	Dec 2021	-
Enable your portal as a Progressive Web App (PWA)	Users by admins, makers, or analysts	Nov 2021	Jan 2022
Portals support for Choices multi-select columns in Microsoft Dataverse	Users by admins, makers, or analysts	Dec 2021	Feb 2022

# Professional developer experiences

Unlock advanced portal customizations using professional developer capabilities and familiar toolsets.

Feature	Enabled for	Public preview	General availability
Portals Web API support for Microsoft Dataverse custom actions	Admins, makers, marketers, or analysts, automatically	Mar 2022	-
Support for CI/CD of portals configuration	Users by admins, makers, or analysts	-	Nov 2021
Portals support for Power Apps component framework	Users by admins, makers, or analysts	-	Dec 2021
Portals Web API support for Read operations	Users by admins, makers, or analysts	✓ Oct 25, 2021	Dec 2021
Web files in portals to use File column type from Microsoft Dataverse	Users, automatically	-	Feb 2022

Portals

# Arrangemententer



Photo by [Domenik Kowalewski](#) on [Unsplash](#)

# Portals Community Call

by Nickholas Heyduk

as Engineered Code

Hver måned

Neste er 9. Desember

Påmelding:

<https://register.gotowebinar.com/register/8127541990181197584?source=ec>



Every month Engineered Code holds a one hour community call, led by our resident Business Applications MVP Nicholas Hayduk.

### What Happens on These Calls?

The format of these sessions is flexible, and might include things like the latest Portals news, training, and Q&A – the key is that it will be based on what the community wants.

This call is for any topics related to building portals on top of the Power Platform – and while we talk a lot about Power Apps Portals (the offering from Microsoft), if you've got questions or topics about other products or techniques to build a portal, we are happy to talk about that too!

To view the recordings of previous calls, see the [playlist on YouTube](#).

**Next Community Call:**  
**December 9, 2021 @ 3pm EST / 12pm PST**  
Topic: TBD

**REGISTER TODAY TO BE NOTIFIED ABOUT UPCOMING TIMES AND TO GET THE LINK TO ACCESS THE CALL!**

Register for the Portals Community Call

First Name:

Last Name:

Email Address:

What topics you'd like to see covered during the calls?

By submitting this form you agree to receive email communications from Engineered Code regarding the Portals Community Call.

Yourtube-kanal: <https://www.youtube.com/channel/UCjMKJ6REvhVgFGUq8BSwAw>

Informasjonsside og arkiv: <https://www.engineeredcode.com/portals-community-call>

# Power Platform Weekly

Kommer ut hver mandag morgen

- Articles
- Tools and code
- Videos
- Podcasts
- Events & Webinars
- Out of the Blue

<https://www.ppweekly.com/>

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Aug 23, 2021 **Power Platform Weekly - Issue #45**

## Power Platform Weekly - Issue #45

By [Power Platform Weekly](#) • [Issue #45](#) • [View online](#)

Welcome to Power Platform Weekly!

Last week it was [announced](#) that connection references support in Power Platforms Build Tools is now in Private Preview and a new Canvas App Component setting *Access app scope* has been [introduced](#).

Have you been using automatic record creation, update rules and service level agreements in the legacy web client? Well, have a look under Articles, time to do something about that.

From now on Internet Explorer is no longer supported for Power Platform, [Alex Shlega shared a reminder](#) about that last week as well as some thoughts about it.

Have a great week and thanks for reading!

SHARE





# Power Apps Portals

## Zero to Hero

Session 4

Previous sessions on YouTube

<https://www.youtube.com/c/VictorDantasZeroToHero>


# UT-AV-BOKSEN -Tema

Portal Templates




Photo by [Zdeněk Macháček](#) on [Unsplash](#)


Will I start from blank?




**Community**  
Portal



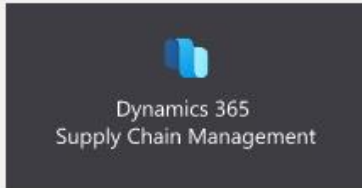
**Customer self-service**  
Portal




**Partner**  
Portal



**Employee self-service**  
Portal



**Customer portal**  
Portal



**Field Service Portal**  
Portal

# Portal Templates

Portal template	Audience	Workload
Community	Partner, Customer	Choose this option to provision a portal that is focused on an online community. This portal will contain features such as forums, ideas, blogs, and case management.
Customer self-service	Partner, Customer	This option provides the ability for portal users to search knowledge articles, submit cases, and participate in discussion forums to resolve issues.
Employee self-service	Employee	This portal allows employees to access a centralized knowledge article and to also submit cases.
Partner	Partner	Choose this option to build a portal where external partners can manage and collaborate on accounts and opportunities. Add-ons are available for Dynamics 365 Field Service or Dynamics 365 Project Service.
Customer portal	Enterprise B2B	The Dynamics 365 Supply Chain Management Customer portal is a template that provides portal access to Dynamics 365 Supply Chain Management data by using dual-write Microsoft Dataverse tables.
Portal from blank	Other	The <b>Portal from blank</b> option is meant for unique line-of-business scenarios where the other templates are not a good fit. The portal can be configured to address a variety of requirements. If <b>Portal from blank</b> is provisioned within a Microsoft Dataverse environment, specific features from the other portals can be incorporated into the portal later.

# Portals ALM

Avansert Tema



Photo by [Shubham Dangi](#) on [Unsplash](#)

GIT og DevOps  
for alle penga!



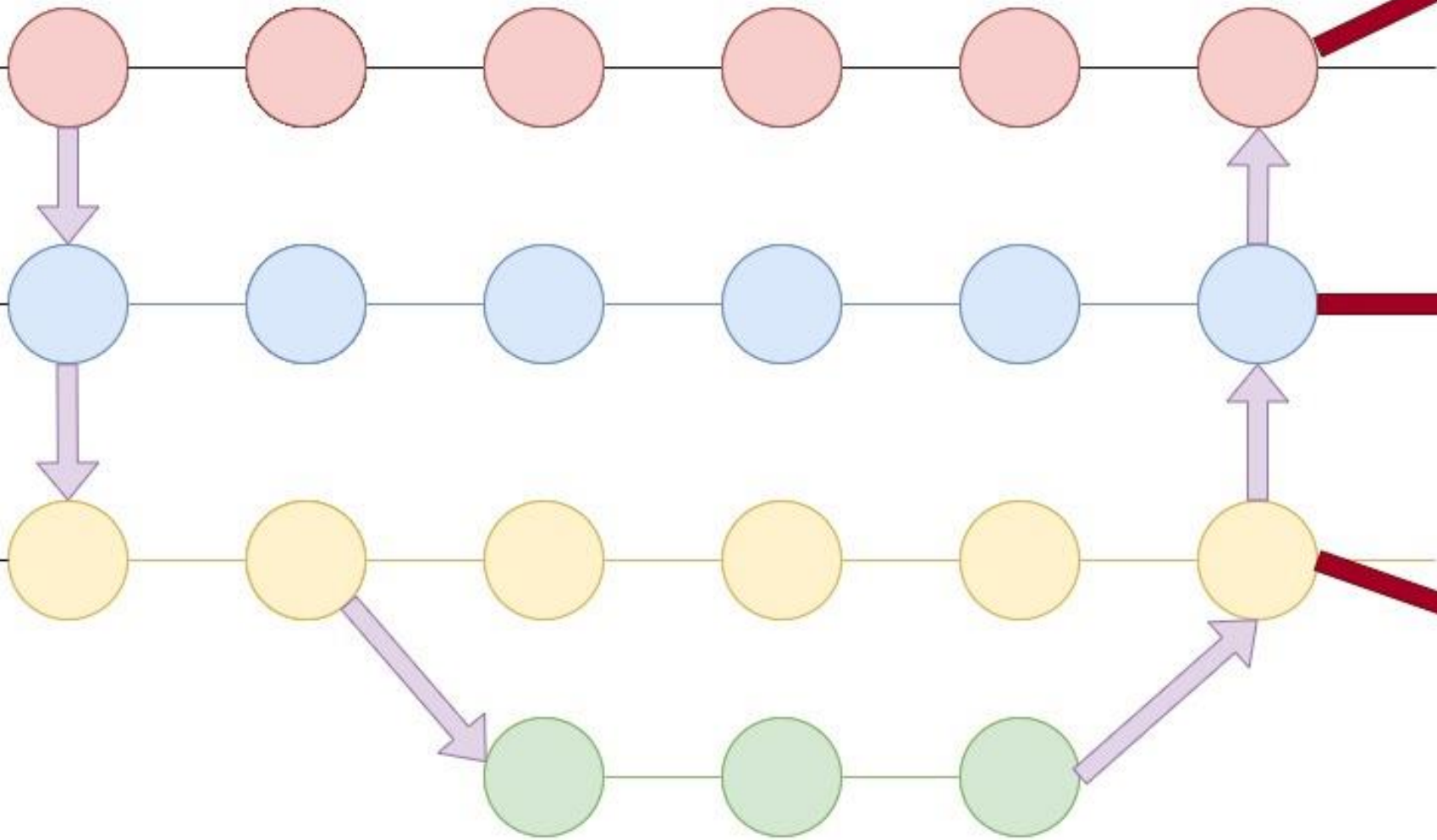
SKILL

Master

Stage

Develop

Feature

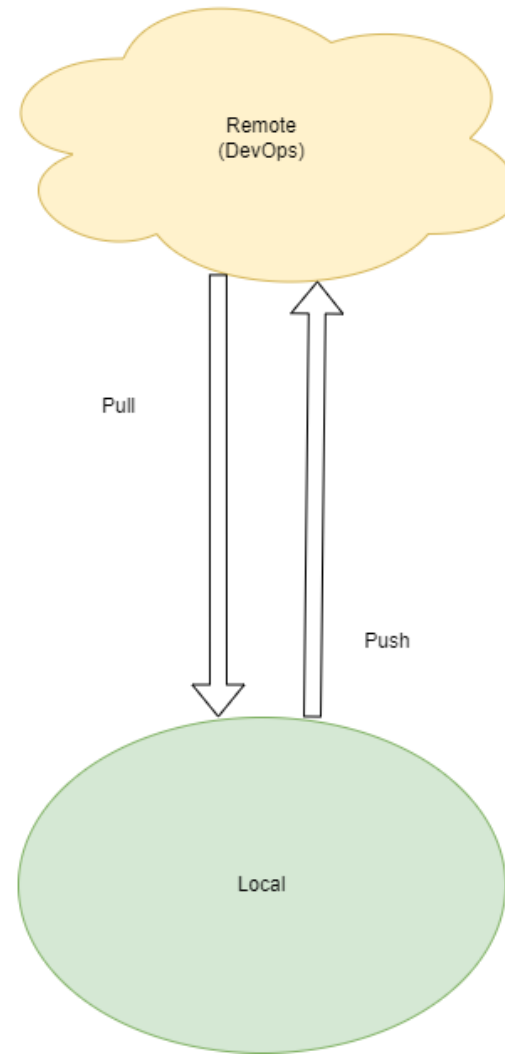


Portal Produksjon

Portal Stage

Portal Utvikling

# Repositories



Demo



Photo by [Sid Balachandran](#) on [Unsplash](#)

# Let's meetup!

Onsdag 16. Februar 2022

HYBRID: Langkaia 1 + Online



Photo by [Shibupavizha George](#) on [Unsplash](#)

# Har du spørsmål om Portals?

Jeg henger her og dingler litt, så bare spør.. 😊



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