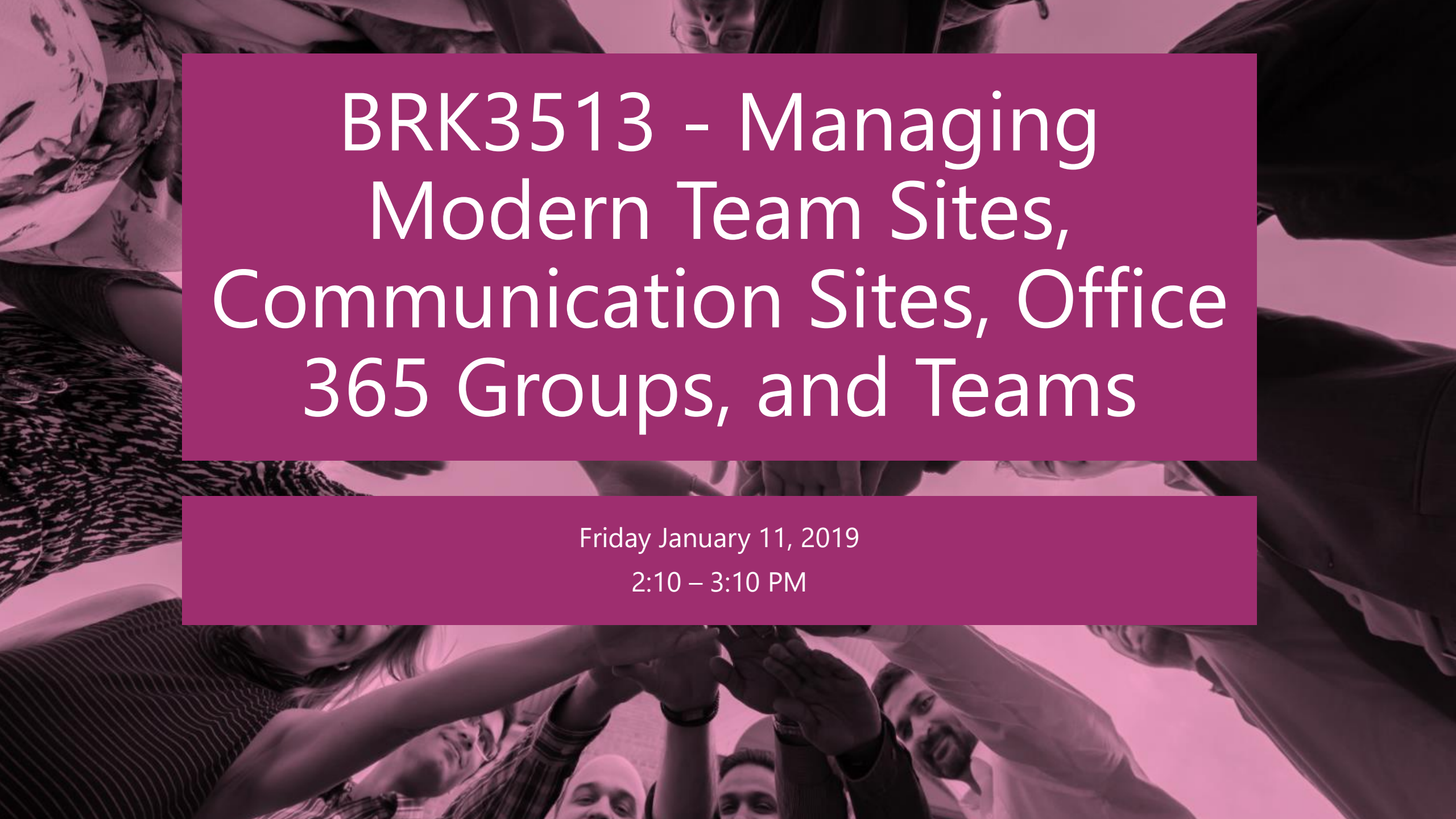
Microsoft

Microsoft Ignite
The Tour

Learn. Explore. Connect.

Toronto, Ontario



BRK3513 - Managing Modern Team Sites, Communication Sites, Office 365 Groups, and Teams

Friday January 11, 2019

2:10 – 3:10 PM

Peter Carson

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- SharePoint MVP
- Partner Seller, Microsoft Canada
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- www.extranetusermanager.com
- Twitter @carsonpeter
- VP Toronto SharePoint User Group

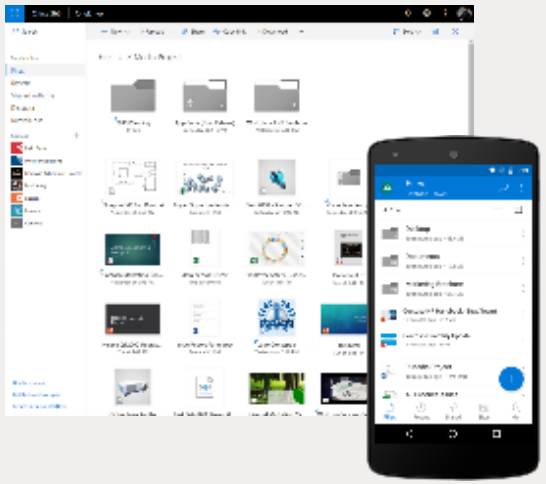
http://eum.co/events

SharePoint Online

- Communicate and Collaborate
- Corporate Intranet
- Team Sites
- Forms and Workflows

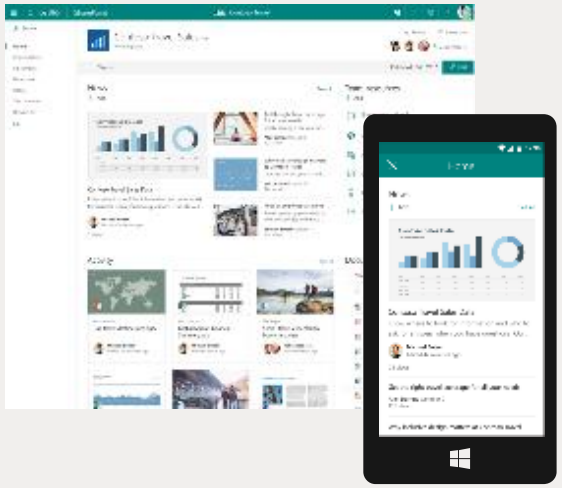
Three places to work

Personal files



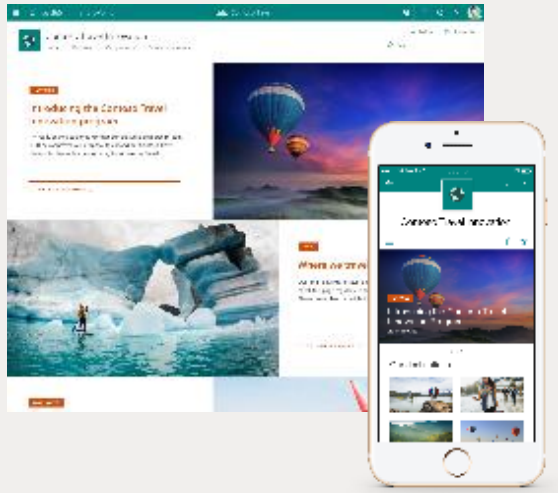
Private by default

Team sites



Share content with your group

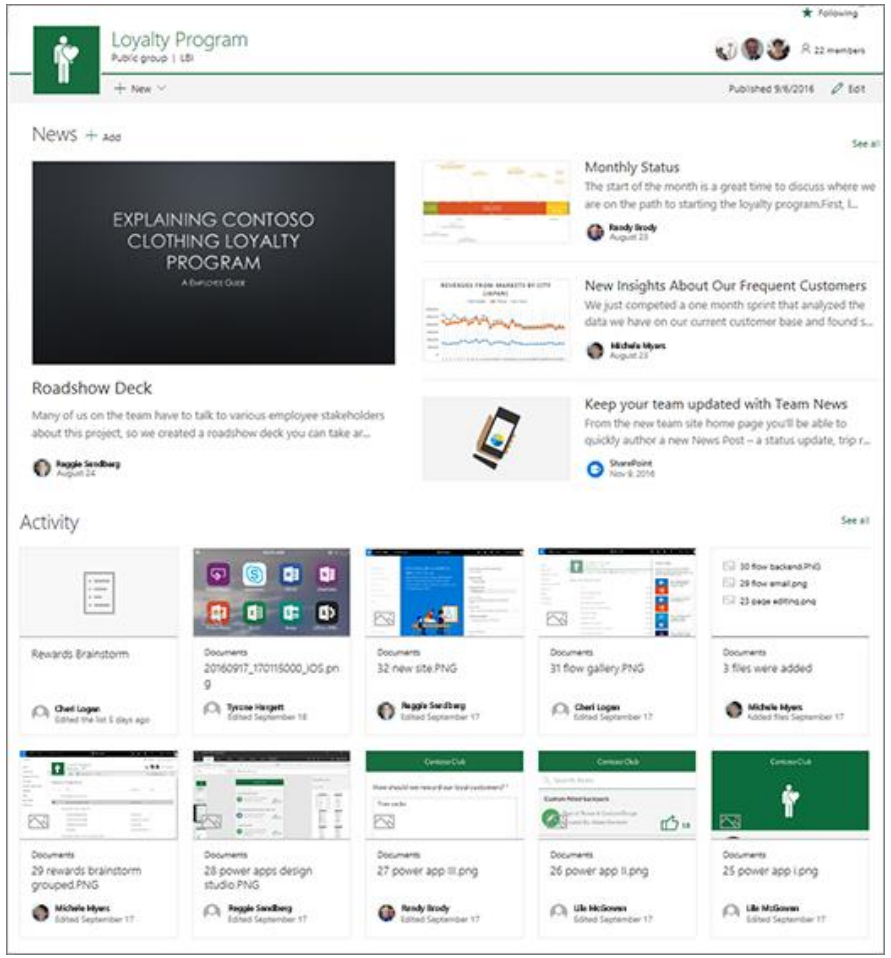
Communication sites



Inform and engage a broader audience

SharePoint – Team Sites

- By default, all members are content authors
- Department, Committee, or Project Collaboration
- External Sharing with Clients, Vendors, or Partners
- Collaboration-focused



Universal Toolkit for Teamwork

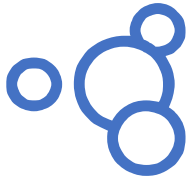
Outlook

Email & Calendar

SharePoint

Intranets & Content Management

Yammer

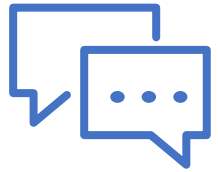


Connect Across the Organization

Office Apps

Co-Author

Teams



Hub for Teamwork

Office 365 Groups

Single team membership across apps and services

Microsoft Graph

Suite-wide intelligence connecting people and content

Security and Compliance

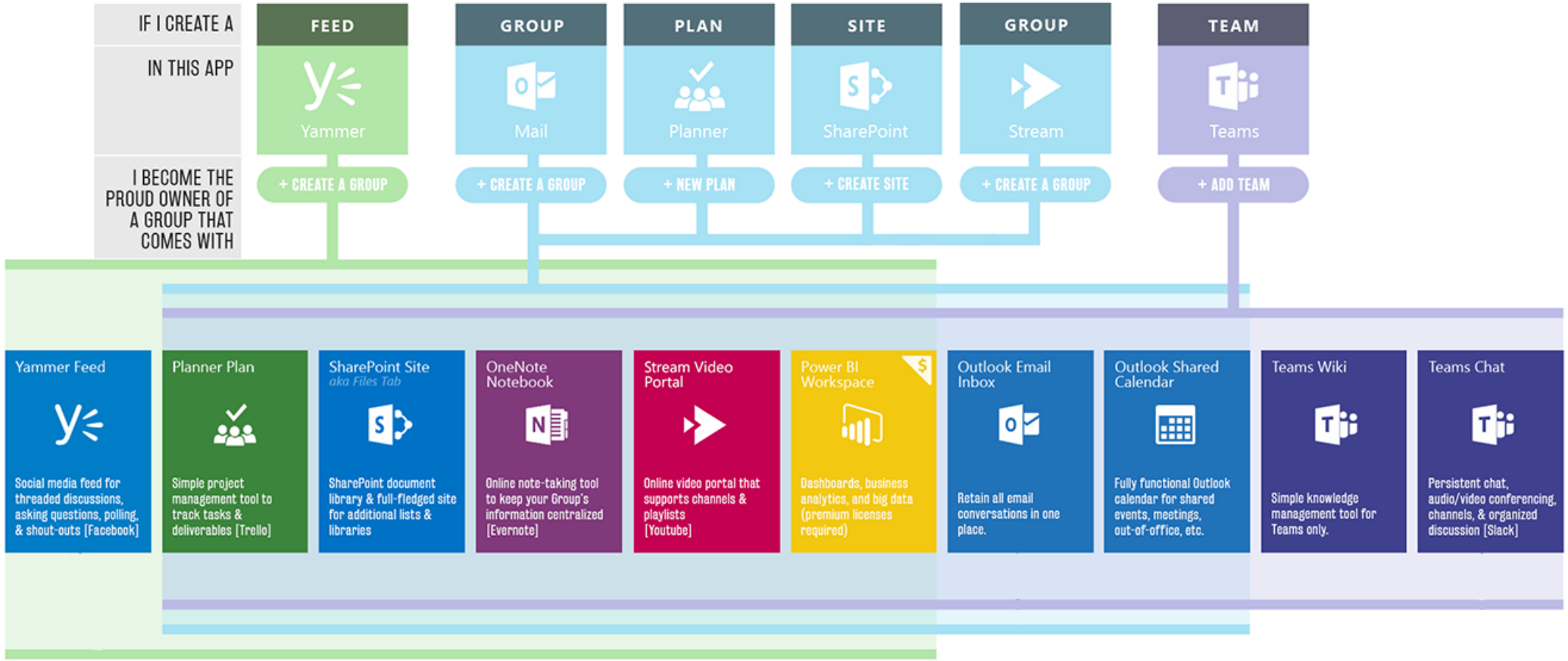
Centralized policy management

Project Sites

Project Management Site Wish List circa 2015

- **Exchange email and calendar support**
- **OneNote for ad-hoc note taking**
- **Full SharePoint document libraries**
- **Custom lists**
  - Tasks, Issues, Risks, Decisions
  - Top level Client and Project lists
- **Sharing with External Users**
- **External systems**
  - Financial, time tracking, bug tracking

Office 365 Groups



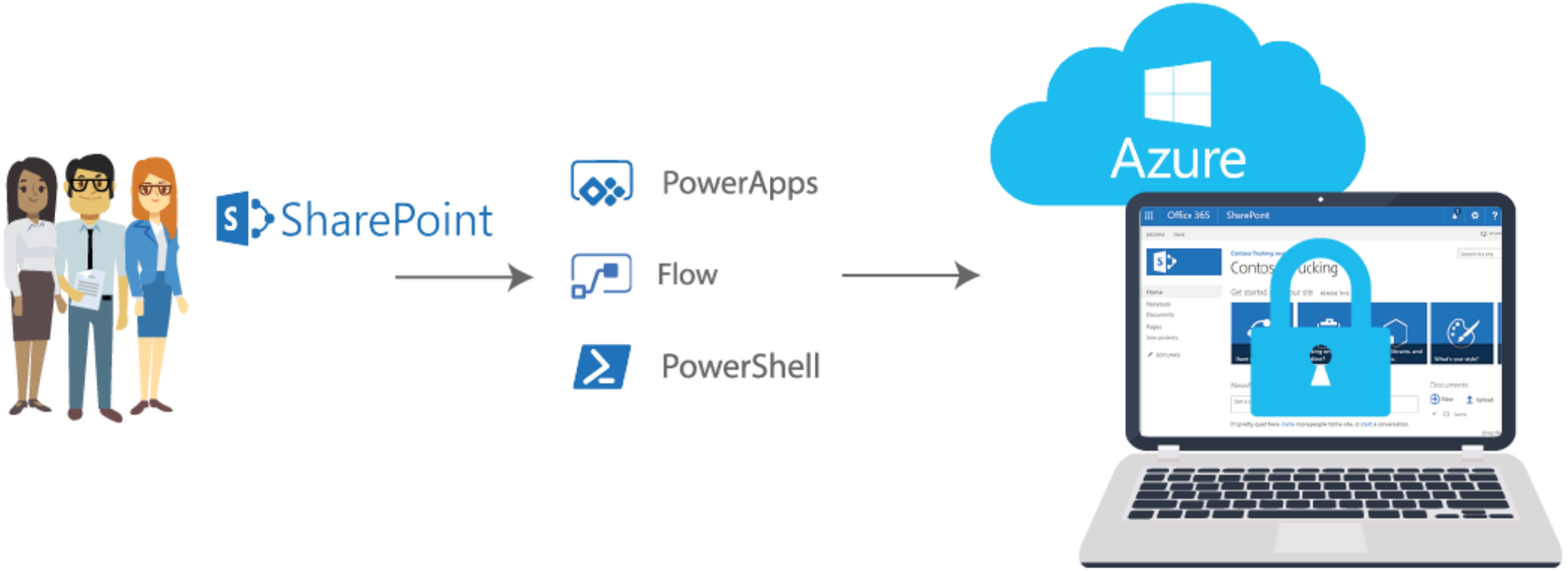
Matt Wade - http://icansharepoint.com/everyday-guide-office-365-groups/

Site Provisioning

Solution Requirements

- Self service form for end users
- Approvals if required
- Easily extensible and customizable for each organization's requirements
- Leverage out of the box and customized site templates
- Support for Modern sites and Office 365 Groups
- No Visual Studio or compiled code needed. PowerShell and configuration that IT Pros can get their heads around

Supporting Technologies



Project Documentation

- **Source code is available on GitHub at** https://github.com/petercarson/eum-sites
- **Series of articles are being posted on** www.extranetusermanager.com/resources/articles
- **Full consolidated e-Book with step by step instructions will also be published**
  - Draft will be sent to all webinar attendees as a follow-up
- **Associated Engineering case studies also available**
  - www.extranetusermanager.com/resources/case-studies/associated-engineering-manages-projects-with-office-365-and-azure-ad-b2b
  - www.envisionit.com/solutions/case-studies/associated-engineering-manages-projects-with-office-365-and-azure-ad-b2b

Solution Overview

- SharePoint list is used to track existing sites and new site requests
- Site requests can be entered directly into the list, or a PowerApps or other form can be used as a front-end
- Microsoft Flow is triggered when new requests are added
- Approval workflow can be part of this
- Azure Function App is used to wrapper and host the PowerShell scripts

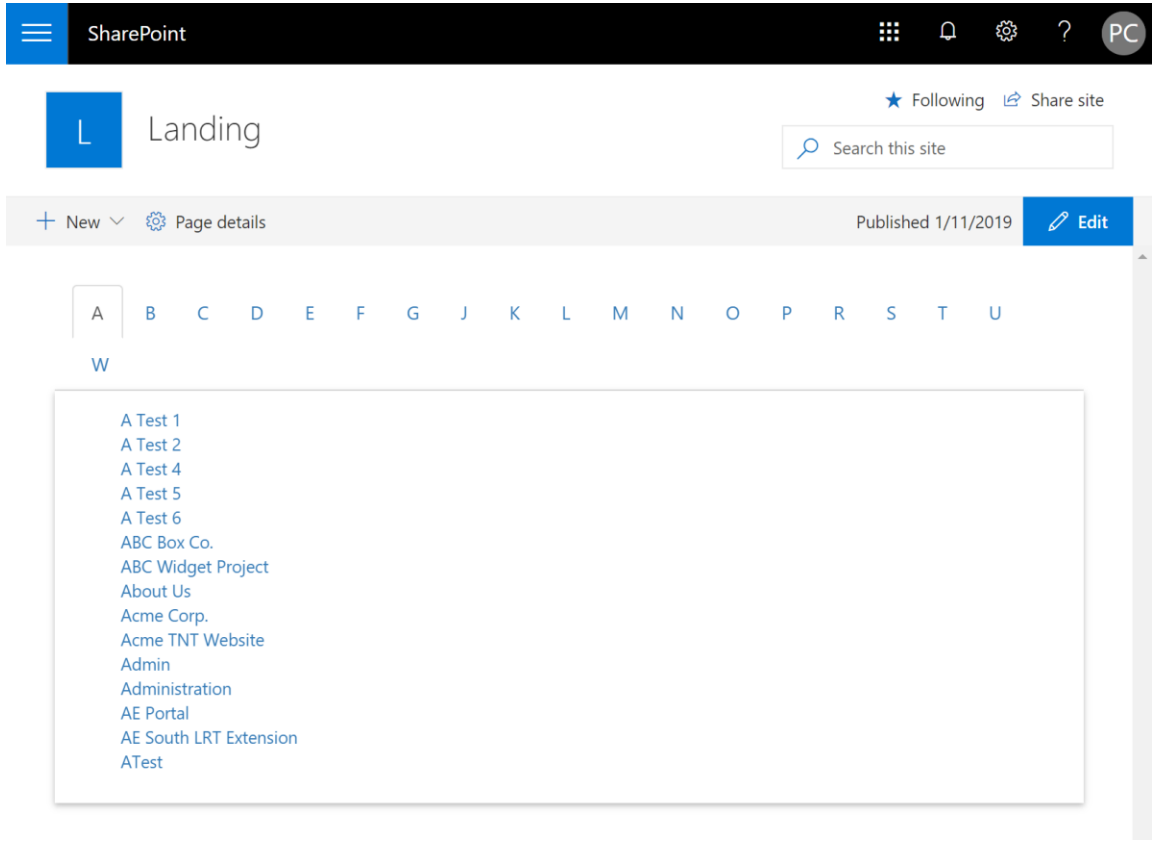
Solution Demo

Technical Deep Dive

Extending the Solution

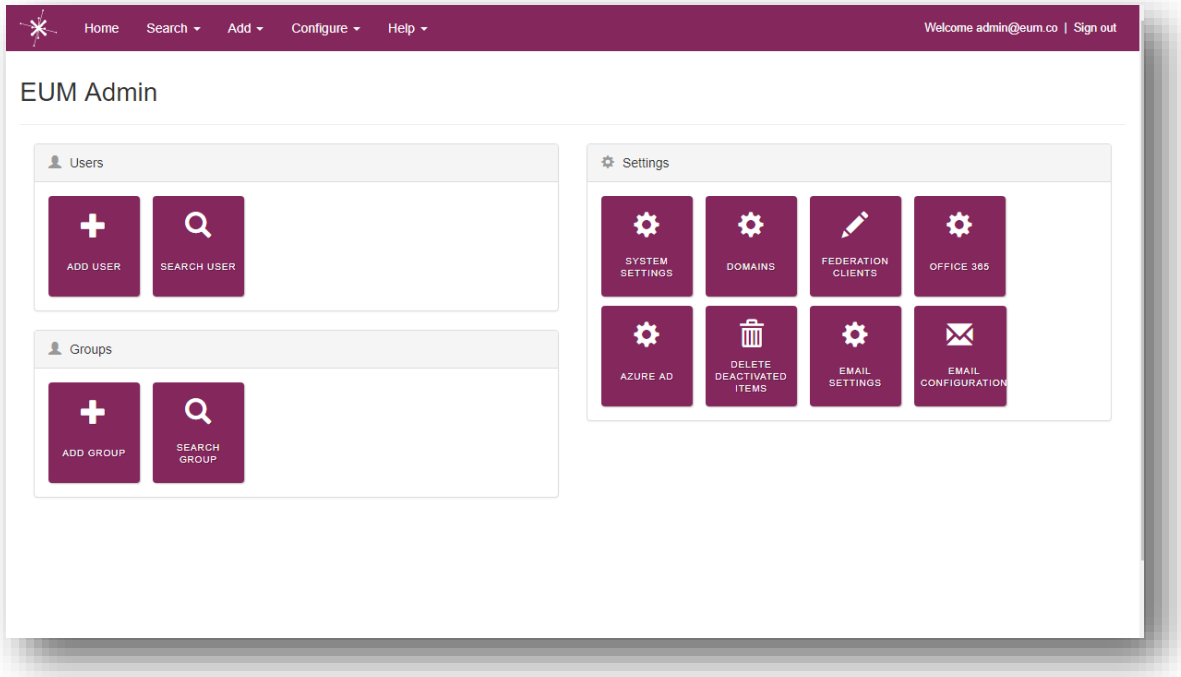
SPFx A-Z Site Listing Web Part

- **Displays a list of sites under a common parent URL**
- **Sites list is typically security trimmed**
- **Rendering depends on the number of sites**
  - 0 sites – display a message
  - 1 site – auto redirect
  - 2-9 sites – display as a single list
  - 10+ sites – display in A-Z tabs



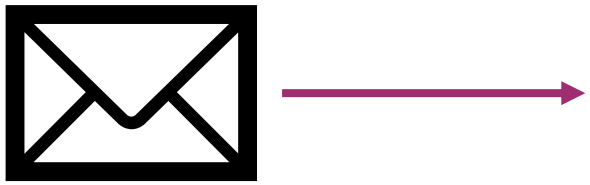
Extranet User Manager

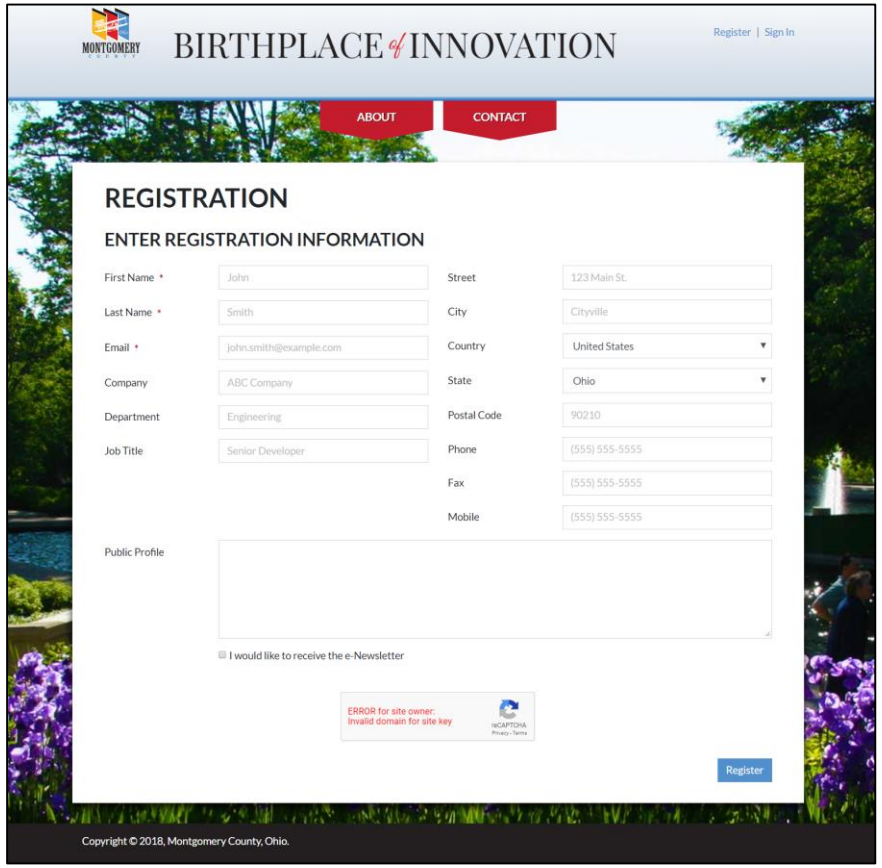
- www.extranetusermanager.com
- Provisioning script can create one or more EUM groups (AAD under the hood)
- Permissions can be assigned to the SharePoint site
- Don’t need to be full members of the Office 365 Group
- Full REST API provides easy integration to PowerShell, Flow, and PowerApps



Extranet User Manager Registration Options

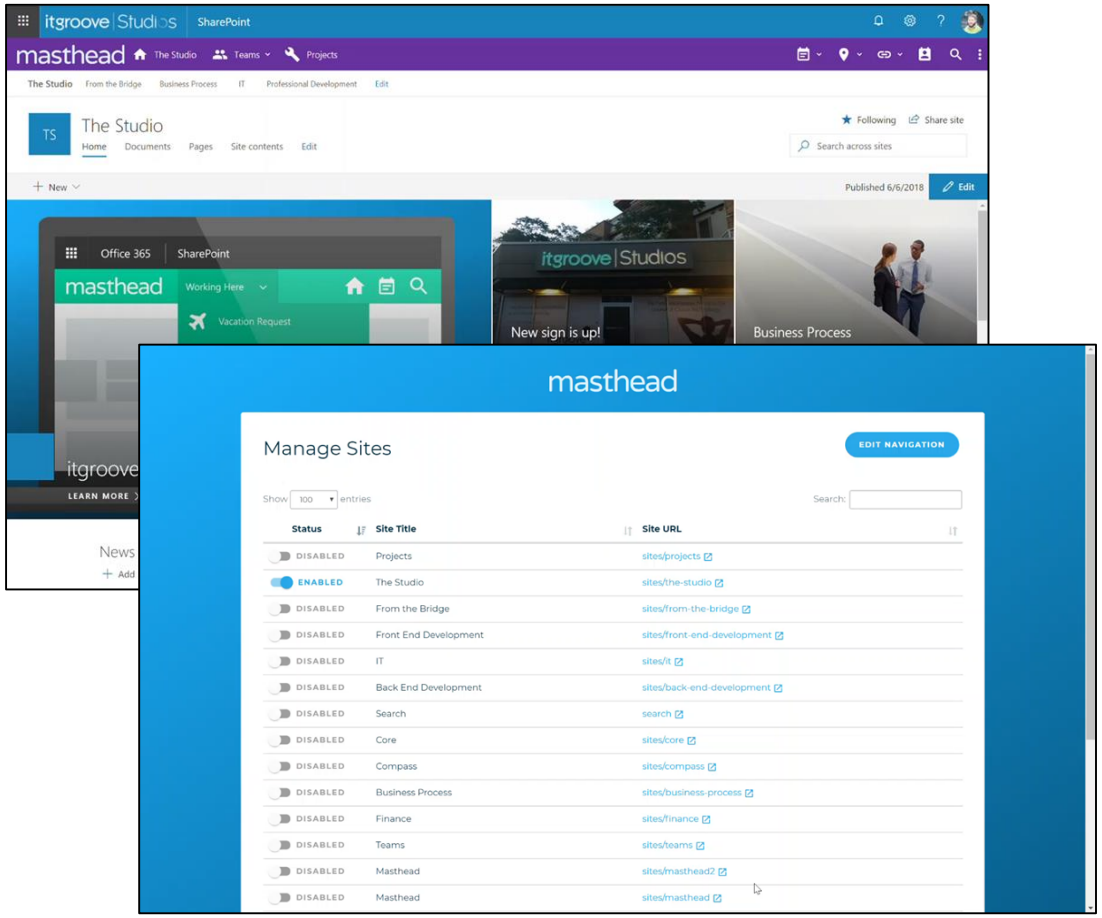
- Invitation only
- Private registration link
- Public registration
- Registration approvals





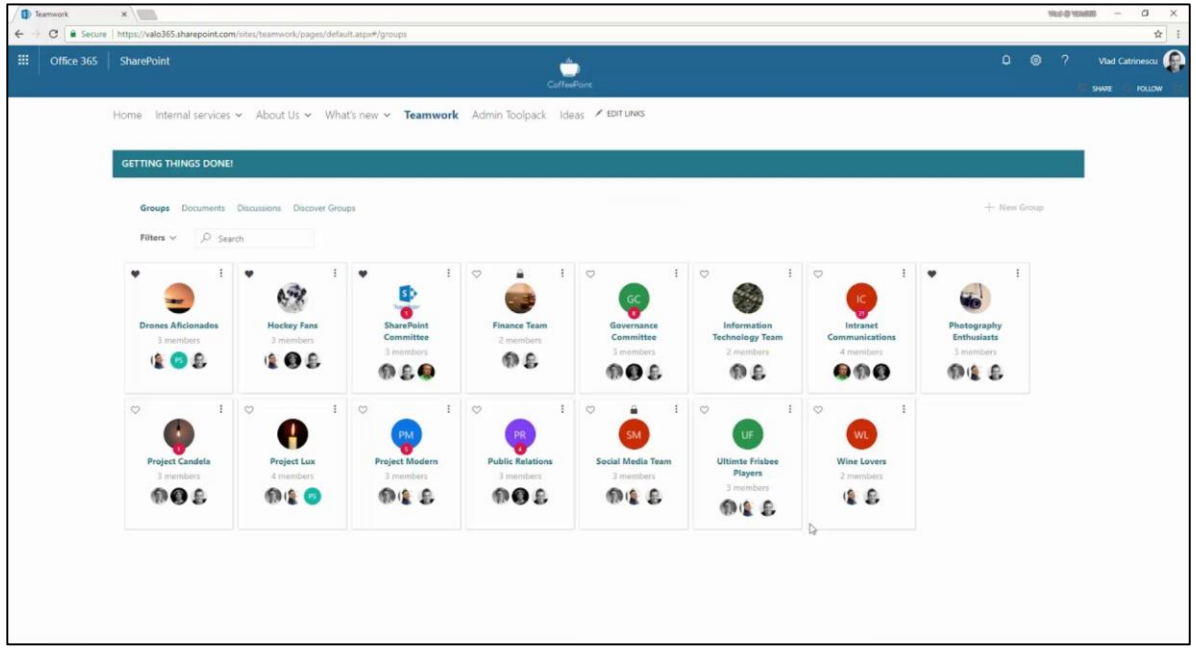
Masthead Global Navigation

- Masthead (www.masthead365.com) provides a consistent global nav across an entire Office 365 tenant
- PowerShell can be extended to add Masthead to new sites



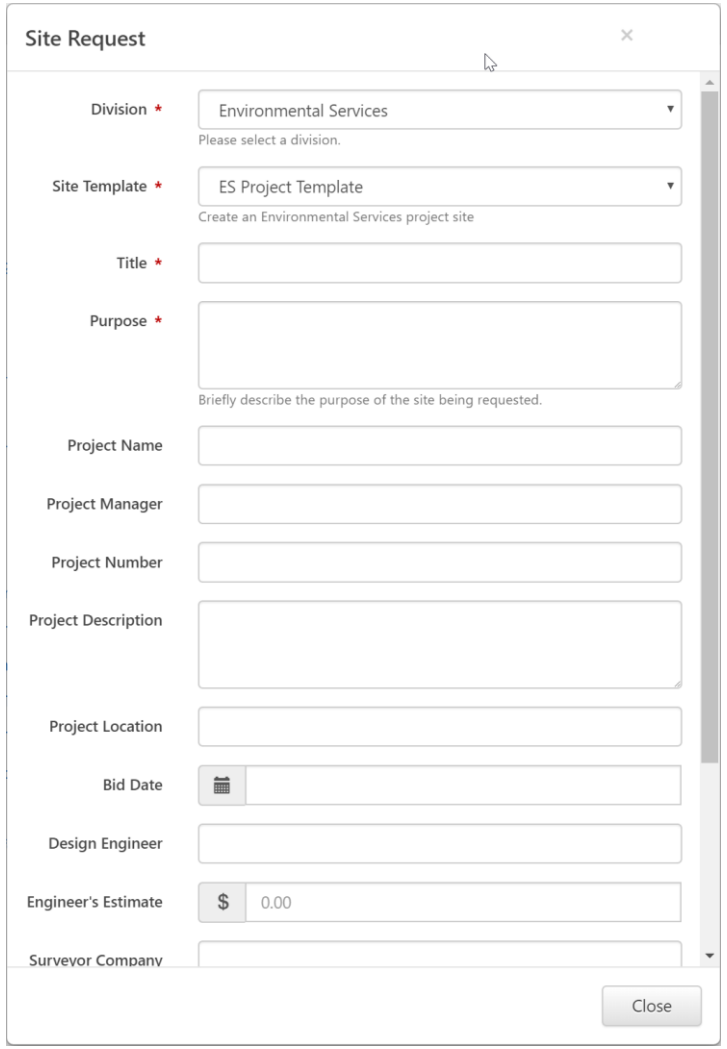
Valo Teamwork

- www.valointranet.com/teamwork
- **Brings together all your collaboration tools and makes working with multiple teams easy**

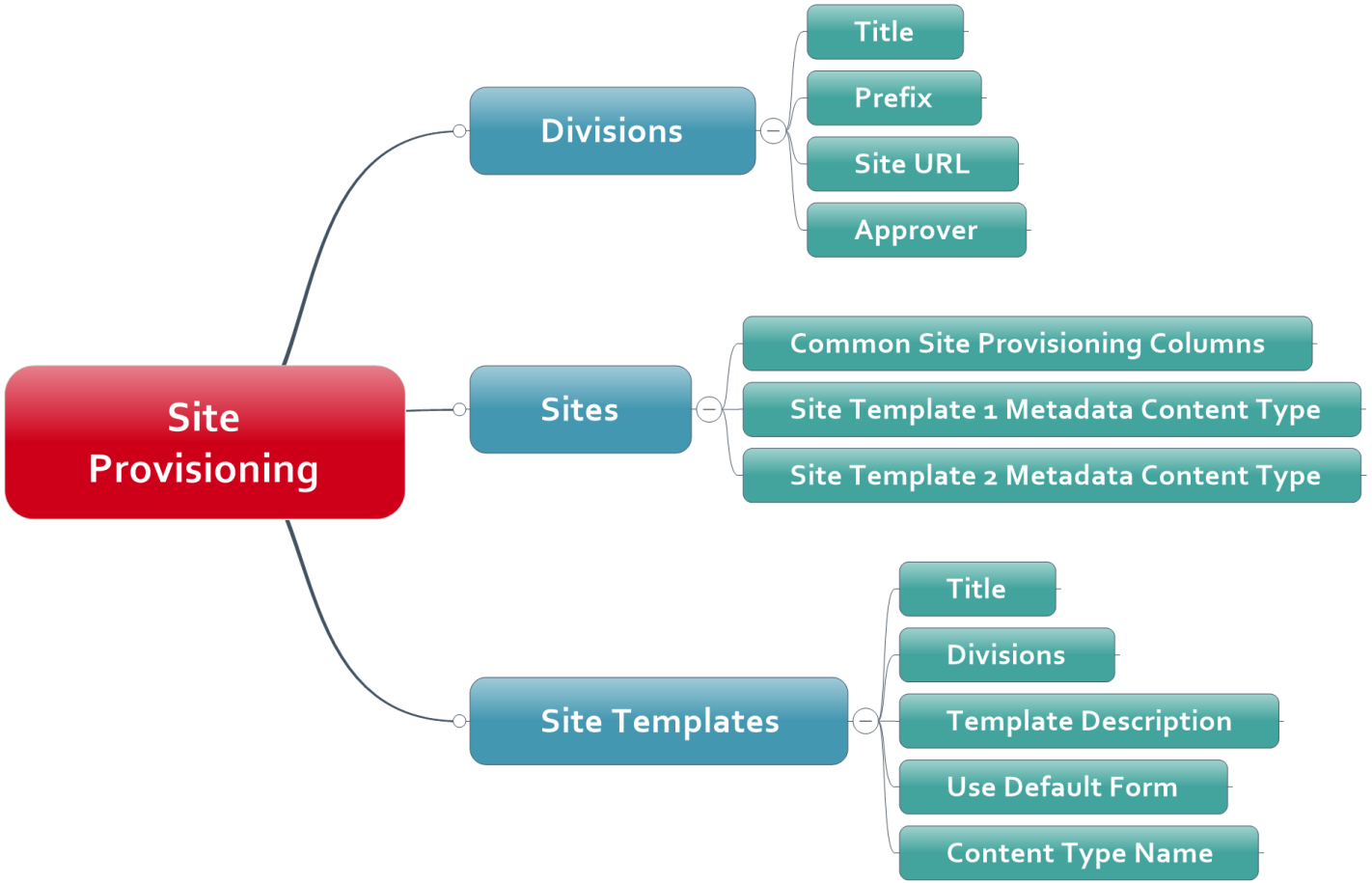


Dynamic Site Request Forms

- Dynamically generated HTML form
- Different site templates can have different forms
- Based off SharePoint content types
- Currently built for a client for SharePoint 2013 and Nintex
- Refactoring into SPFx
- Integrate into A-Z Web Part



Dynamic Site Request Forms



Wrap-Up Points

- **Office 365 Groups are a great way to manage projects**
  - SharePoint, conversations, calendar, OneNote, Skype, Planner, Delve
- **You don't need to start with everything, choose what makes sense for your organization**
- **Be prepared for change, Office 365 is changing quickly**
- **Decide which conversation formats make sense for your teams**
  - Outlook, Yammer, Teams (persistent chat)
- **Put your governance in place**
- **What is your external user policy?**
- **Figure out your Information Architecture and site templates**
- **Build a provisioning process**

Upcoming Events

Extranet User Manager

Understanding Single Sign On and Authentication Protocols
Jan 29, 2019

Valo Teamwork and Extranet User Manager
Feb 21, 2019

Developing Custom Connectors for the Microsoft Power Platform
Feb 28, 2019

eum.co/events

SharePoint CONFERENCE NORTH AMERICA

May 21-23, 2019
Las Vegas
www.sharepointna.com

Thank you!

Questions?

http://eum.co/events