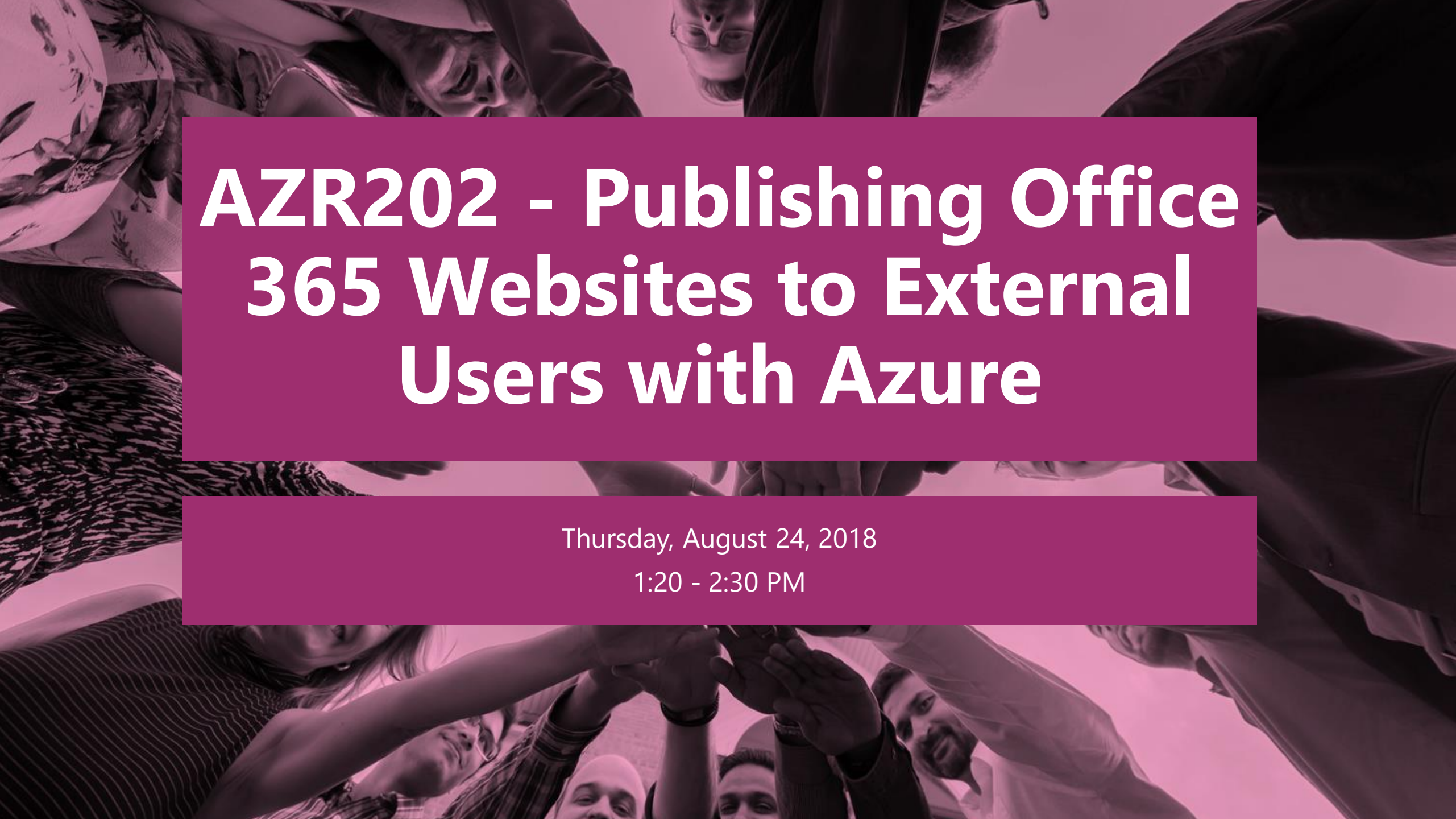


AZR202 - Publishing Office 365 Websites to External Users with Azure

Thursday, August 24, 2018

1:20 - 2:30 PM

Peter Carson

- President, Extranet User Manager
- SharePoint MVP
- Partner Seller, Microsoft Canada
- peter.carson@extranetusermanager.com
- http://blog.petercarson.ca
- www.extranetusermanager.com
- Twitter @carsonpeter
- VP Toronto SharePoint User Group

Workshop and Session Resources

- **http://eum.co/spfest**
- **Click the Session Resources button**
- **Register to receive the full package at the conclusion of the conference**
- **Unsubscribe at any time**
- **Decks and links from the full day workshop and all three breakout sessions**
  - AZR202 - Publishing Office 365 Websites to External Users with Azure
    - Thursday, August 24, 2018 1:20 - 2:30 PM
  - OFF302 - Office 365 External Sharing
    - Friday, August 24, 2018 10:40 - 11:50 AM
- **Whitepaper on Site Provisioning**
- **eBook on Building Your Digital Community for the Future**

What is a Public Website

- **A public website is a site that is anonymously available**
  - Potentially a large number of users visiting the site
  - SharePoint provides a rich content management system for authoring the site
  - SharePoint is also very scalable for delivering the content

What is an Extranet

- **An extranet is a website that is accessible to users outside of the corporate network, which allows organizations to share information and collaborate with their customers, partners, and/or vendors in a secure and easy-to-use environment**
- **It may be delivered in a number of ways:**
  - As an extension of the public website
  - As a secure portion of the corporate intranet
  - As a standalone extranet

Styles of Extranets

One to Few

- Collaborative
- SharePoint Online (Office 365) or on premises
- Typically invitation only
- Collaborating on documents
  - File upload and download
  - Editing
  - Various file types
- Often project focused
- Friday's ECM 304 - Office 365 External Sharing session

One to Many

- Publishing
- Secure website
- May also have a public (anonymous) section
- Self-registration is common
- One way push of private content out
- Limited feedback
  - Like and comment
  - File upload
- Profile management

Office 365

- Intranets and Extranets only – no public websites
- External sharing can be used to create an extranet on Office 365
- Extranet User Manager can enhance that experience

Azure Websites

- Very cost-effective way to host your website
- As little as $100 -> $400 / month
- No Content Management System
- Can leverage Office 365 or SharePoint On Premises for that

Five Considerations for your Extranet

1. **Who will be accessing the extranet? Is there a member database to interface with?**

- Members
- Customers
- Vendors
- Suppliers
- Volunteers
- Board of Directors
- Citizens
- Researchers
- Tenants
- Partners

Five Considerations for your Extranet

1. Who will be accessing the extranet? Is there a member database to interface with?
2. **Self-registration option or invitation only? Who approves new registrations?**

Invitation Only

- Smaller, known set of users
- Managed centrally or delegated

Self Registration

- Onboarding hundreds or thousands of external users
- Approval workflows
- Auto-approvals
- Delegation

Five Considerations for your Extranet

1. Who will be accessing the extranet? Is there a member database to interface with?
2. Self-registration option or invitation only? Who approves new registrations?
3. **How will your extranet users authenticate?**

- Email and password
  - Self-service password reset
- Office 365 / Azure AD
- Microsoft Account
- Google
- Facebook
- LinkedIn
- Twitter

Five Considerations for your Extranet

1. Who will be accessing the extranet? Is there a member database to interface with?
2. Self-registration option or invitation only? Who approves new registrations?
3. How will your extranet users authenticate?
4. **What interactions are your external users going to have?**

- Accessing published content
- Collaborating on specific documents
- Accessing team or project sites
- Becoming full-fledged members of Office 365 Groups

Five Considerations for your Extranet

1. Who will be accessing the extranet? Is there a member database to interface with?
2. Self-registration option or invitation only? Who approves new registrations?
3. How will your extranet users authenticate?
4. What interactions are your external users going to have?
5. **What applications will be accessible?**

- Office 365 - SharePoint Online, OneDrive for Business
- Office 365 Groups – Teams, Planner, Yammer
- Other Office 365 Apps - Power BI, Stream, PowerApps, Flow
- SharePoint On Premises
- Third Party SaaS Applications
- Custom Applications – On Premise or Cloud

Customer Case Study:

OntarioMD goes to the cloud with Extranet User Manager

OntarioMD is a government funded
Not-For-Profit for 14K Ontario physicians

www.ontariomd.ca

The Challenge:

- **Needed a new corporate website and portal**
- Reduce the cost of current hosting
- Easy to maintain site for 14,000 physicians and staff
- Seamless migration of content, functionality, and user accounts
- Hosted and managed solution

Before and After

- Previously on a 10 year old Oracle WCI platform
- OntarioMD was already an Office 365 customer
- Proposal was to leverage SharePoint Online as the Content Management System
- Azure Web Apps used to host the public website and Extranet

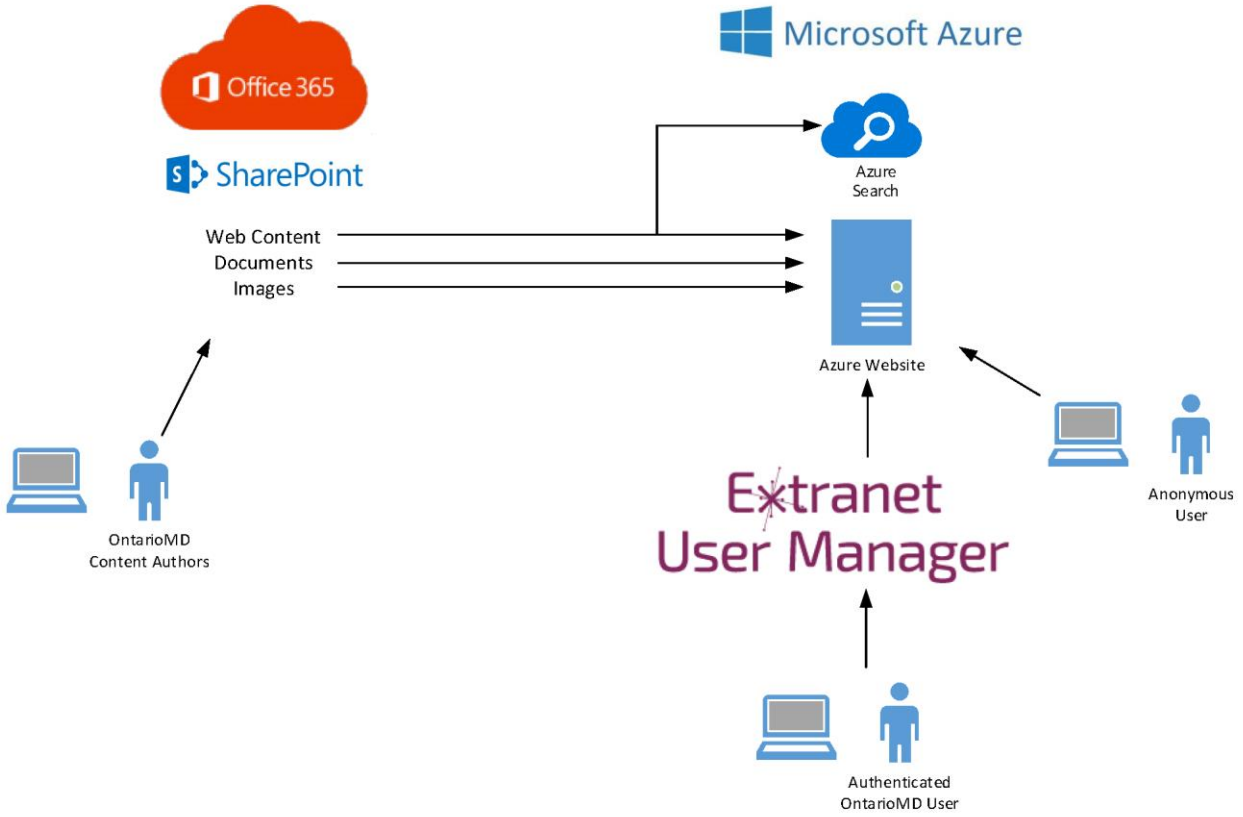
www.ontariomd.ca

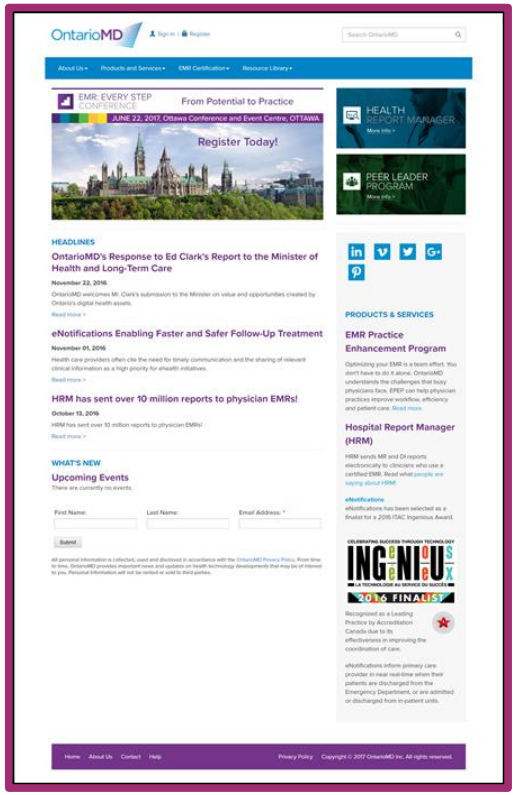
Financial Result

- **New operating costs LESS than the annual Oracle maintenance fees!**
- **Decommissioning of dedicated hosting environment**
- **OntarioMD infrastructure**
  - Azure Web App Licensing
    - Two Standard S2 2 core 3.5 GB RAM servers
    - Load balanced
    - Patched and maintained by Microsoft
    - $219.60 x 2 per month USD
    - https://azure.microsoft.com/en-gb/services/app-service/web/
  - Extranet User Manager Licensing
    - Enterprise Edition - $1,070 USD / month

Customer Case Study:

OntarioMD goes to the cloud with Extranet User Manager Solution

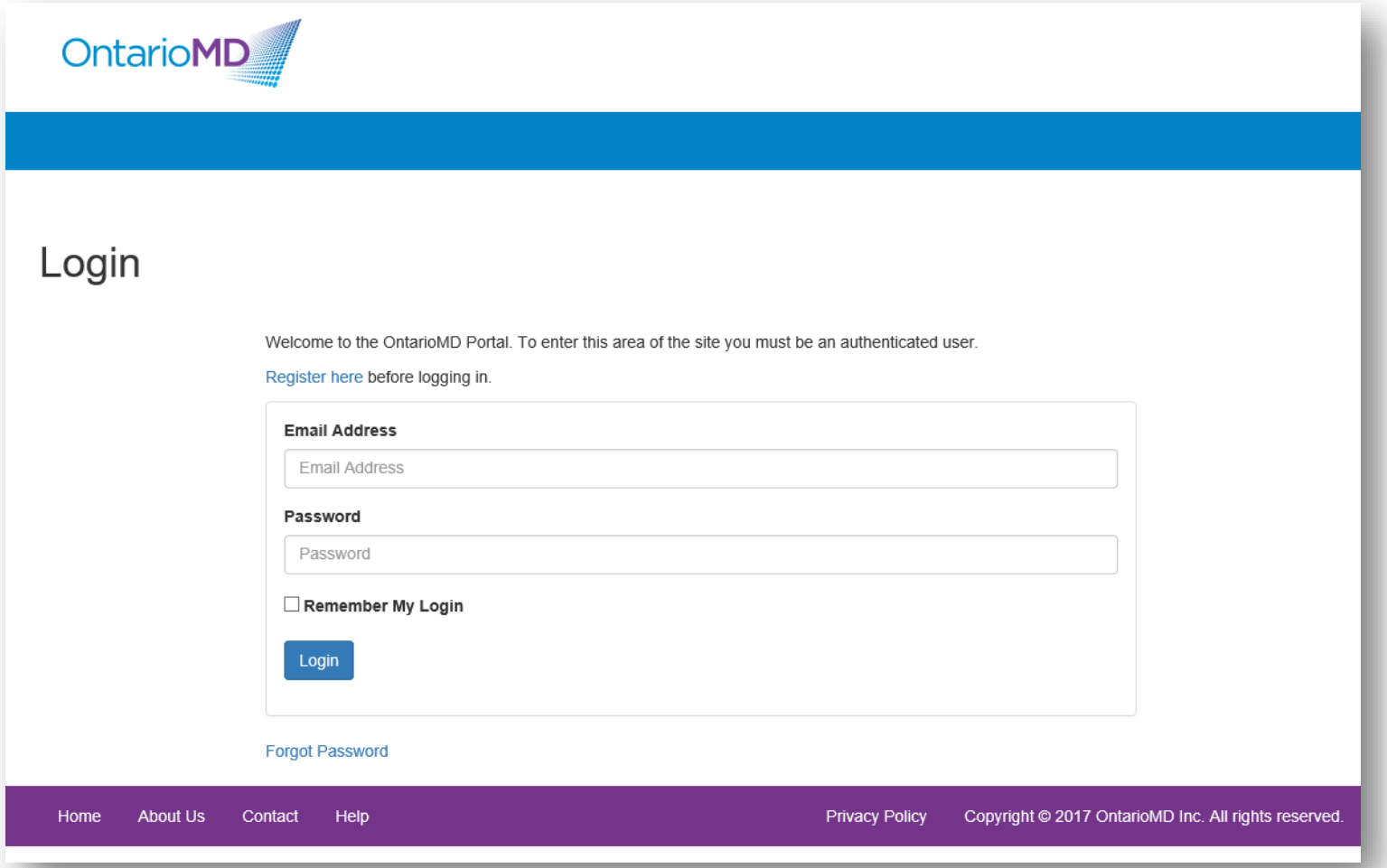




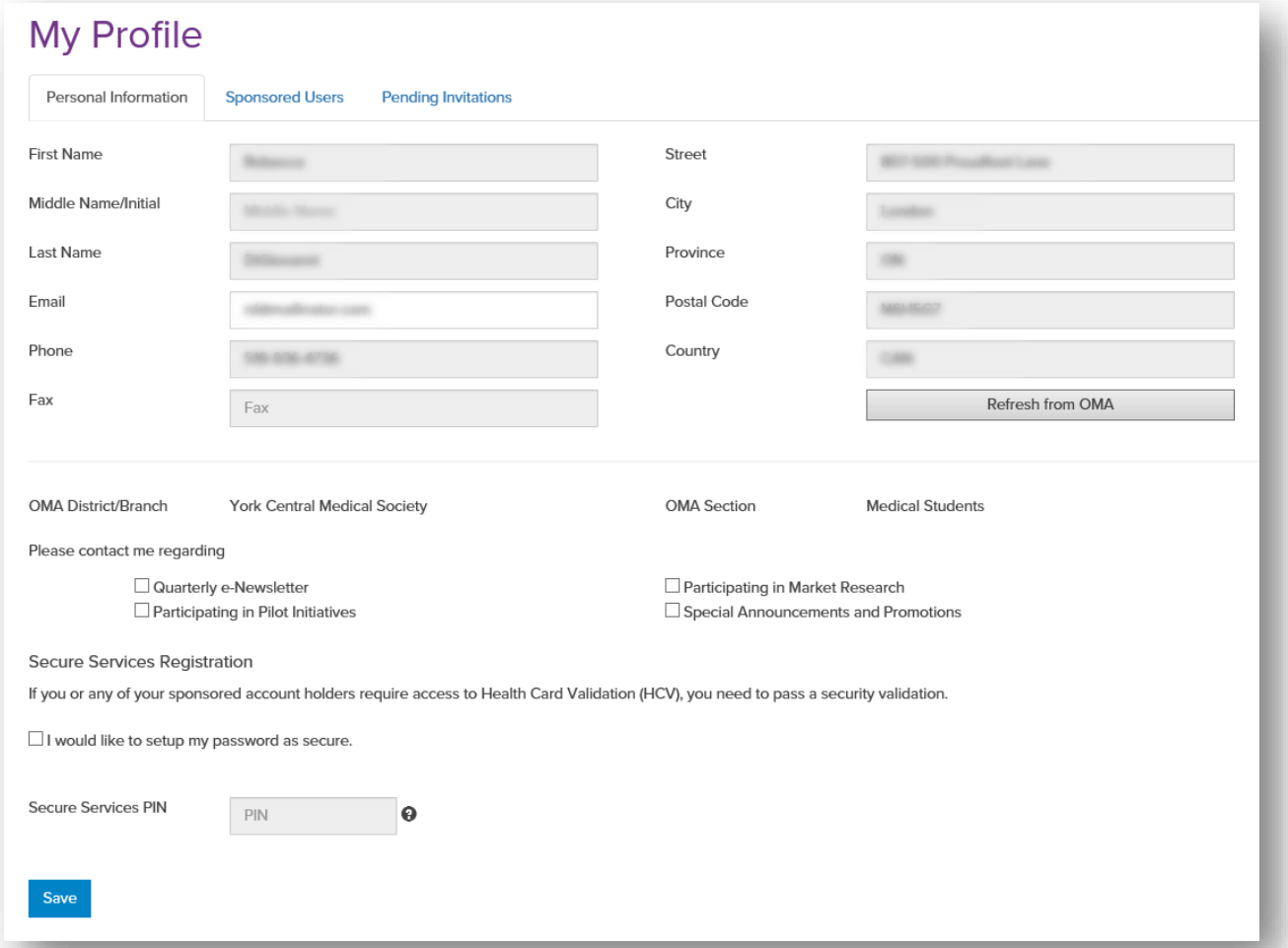
www.ontariomd.ca

Publishing and User Provisioning Demo

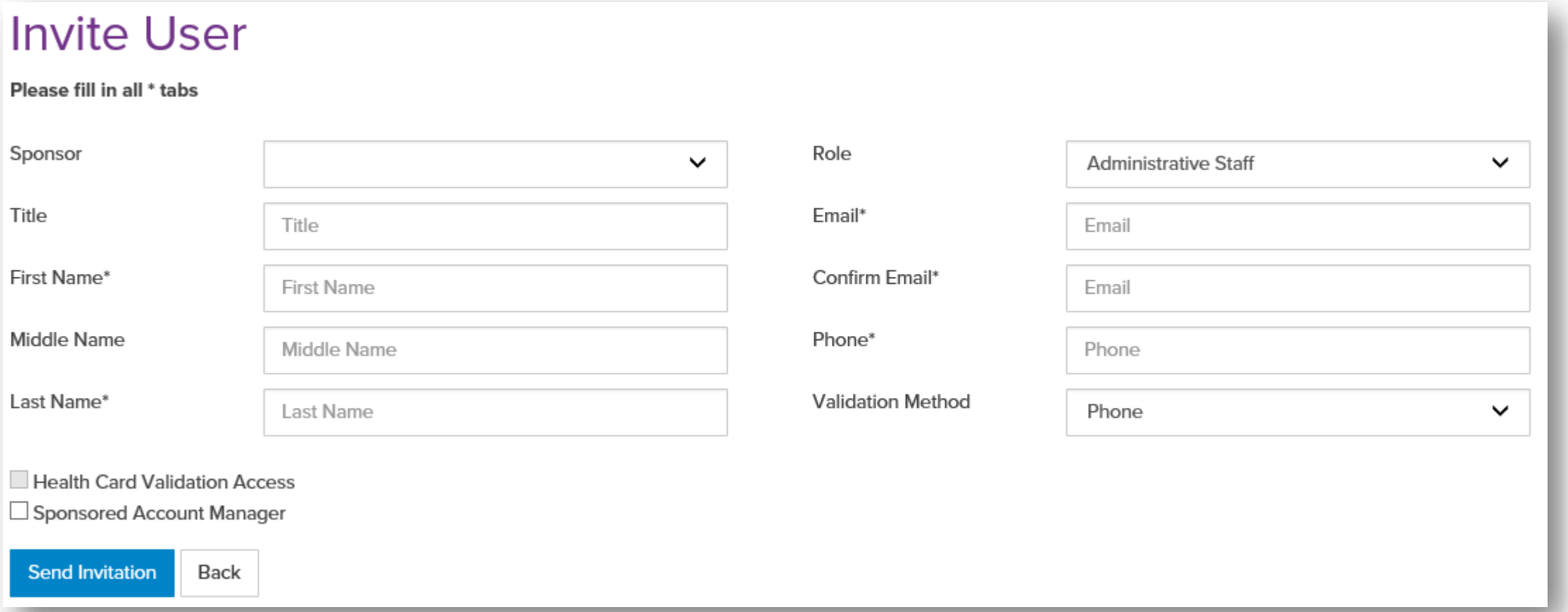
The Result - Login



The Result – Account Management



The Result – Sponsored User Invitation



OntarioMD – The Stats

- 14K registered users and growing
- Average of 7K users per month
- Over 100K pageviews since go live
- Primary reason for visiting site is access to custom apps (HCV tool) and corporate information
- 90%/10% split desktop users to mobile

SharePoint in Azure vs. Azure Websites Pricing

SharePoint in Azure

Farm Size	SQL Version	SQL Licensing	Monthly Azure	Up-Front Licensing
Highly Available 8 Servers	SQL Enterprise Always On	Azure	$4,342	$36,624
Non-Highly Available 4 Servers	SQL Standard	Azure	$1,912	$18,312

Azure Websites

Farm Size	Monthly Azure
Highly Available 2 Servers S2 Plan	$427
Non-Highly Available 1 Server S1 Plan	$107

https://azure.microsoft.com/en-ca/pricing/details/app-service/

https://blog.petercarson.ca/Pages/Public-Website-Azure-Architecture.aspx

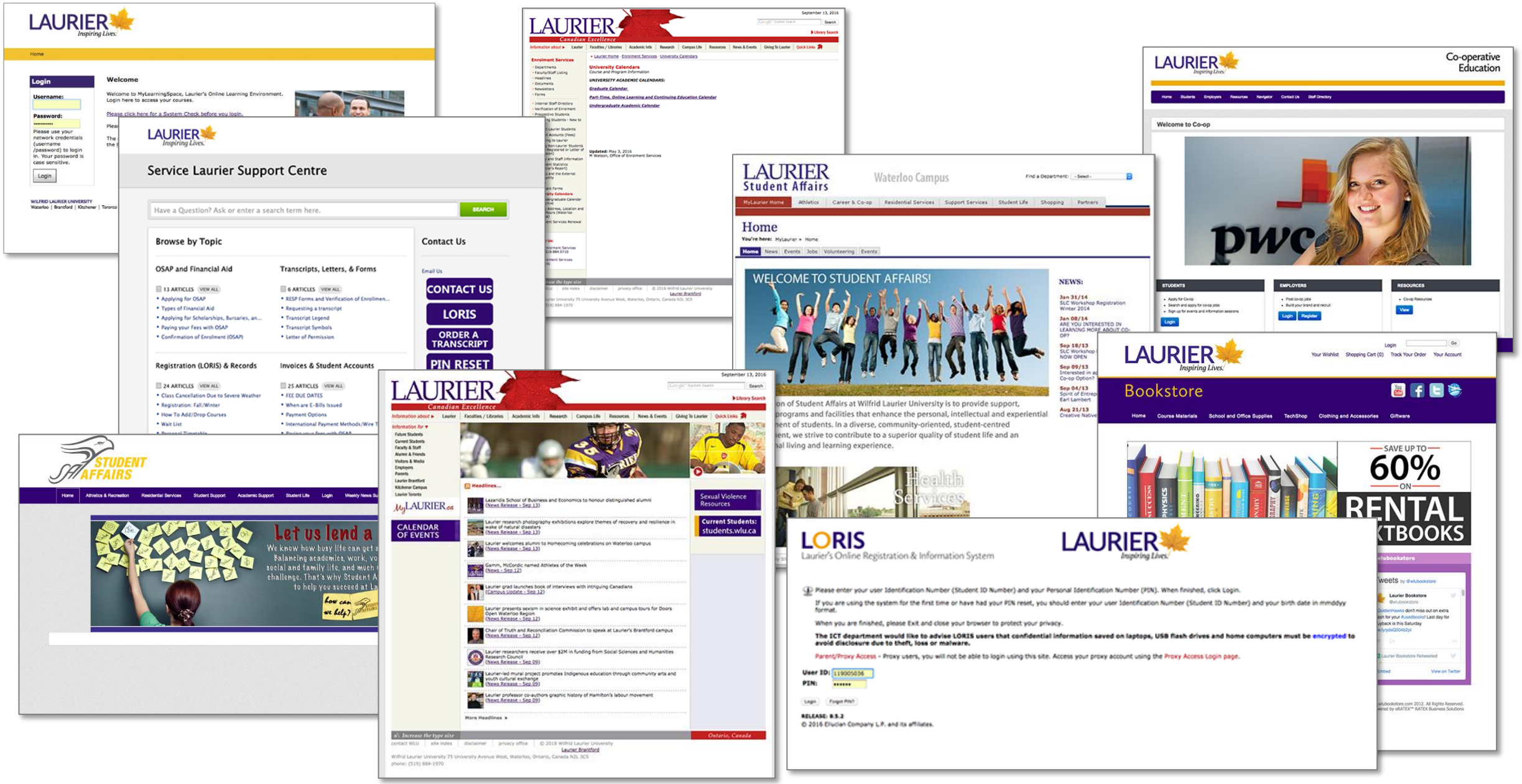
Links

- www.ontariomd.ca
- www.extranetusermanager.com
- Full case studies on both the Extranet and the Azure publishing
  - OntarioMD uses Extranet User Manager and Azure Websites to Launch Their Public Website
  - OntarioMD uses Office 365 and Azure Websites to Launch Their Public Website

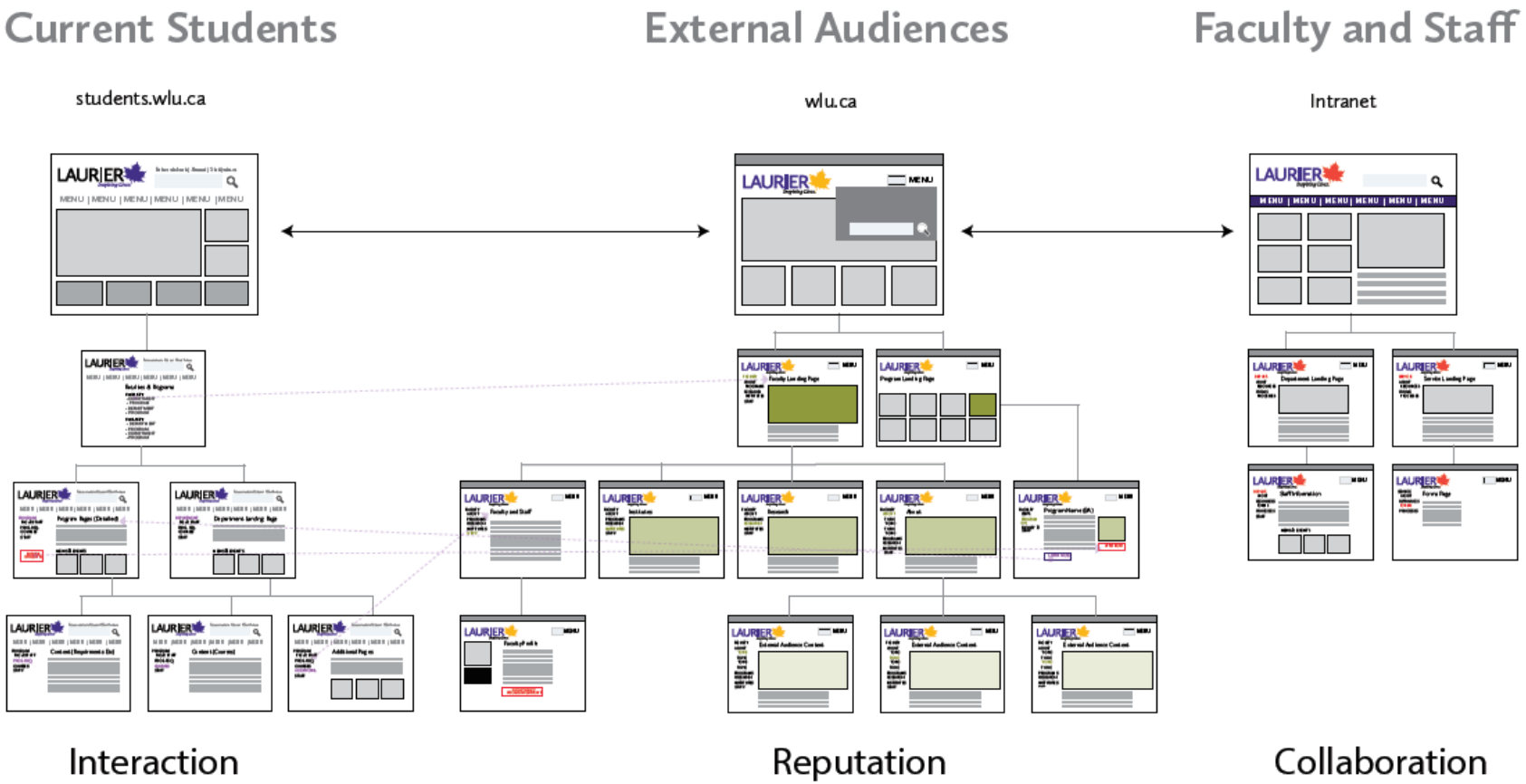
Wilfrid Laurier University

- **Founded in in 1911 as the Waterloo Lutheran University**
- **In 1973 name changed to Wilfrid Laurier University**
- **In 1999 campus Brantford opened**
- **Faculty of Social Work in Kitchener**
- **MBA Program Office in Toronto**
- **Some facts:**
  - 88,264 alumni worldwide
  - 19,000+ students
  - 1,500 staff and faculty
  - 28: Countries with which we have exchange programs
  - 1:25: Laurier's faculty-to-student ratio

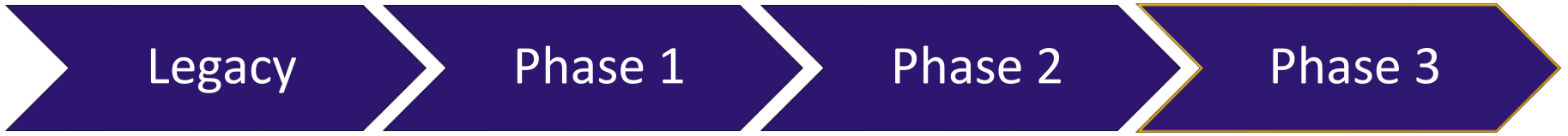
Project Background and History


LAURIER
Inspiring Lives.
Login
Username:
Password:
Welcome
Welcome to MyLearningSpace, Laurier's Online Learning Environment.
Login here to access your courses.
Service Laurier Support Centre
Have a Question? Ask or enter a search term here.
SEARCH
Browse by Topic
OSAP and Financial Aid
Transcripts, Letters, & Forms
Registration (LORIS) & Records
Invoices & Student Accounts
Contact Us
CONTACT US
LORIS
ORDER A TRANSCRIPT
PIN RESET
Canadian Excellence
Enrolment Services
University Calendars
Course and Program Information
UNIVERSITY ACADEMIC CALENDARS:
Graduate Calendar
Part-Time, Online Learning and Continuing Education Calendar
Undergraduate Academic Calendar
Student Affairs
Waterloo Campus
Home
WELCOME TO STUDENT AFFAIRS!
NEWS:
Co-operative Education
Welcome to Co-op
pwc
STUDENTS
EMPLOYERS
RESOURCES
STUDENT AFFAIRS
Let us lend a
Headlines...
MyLAURIER.ca
CALENDAR OF EVENTS
Sexual Violence Resources
Current Students: students.wlu.ca
Bookstore
SAVE UP TO 60% ON RENTAL TEXTBOOKS
LORIS
Laurier's Online Registration & Information System
Please enter your user Identification Number (Student ID Number) and your Personal Identification Number (PIN). When finished, click Login.
User ID:
PIN:
Login
Forget PIN?

Integrated Web Properties



Web Renewal Program



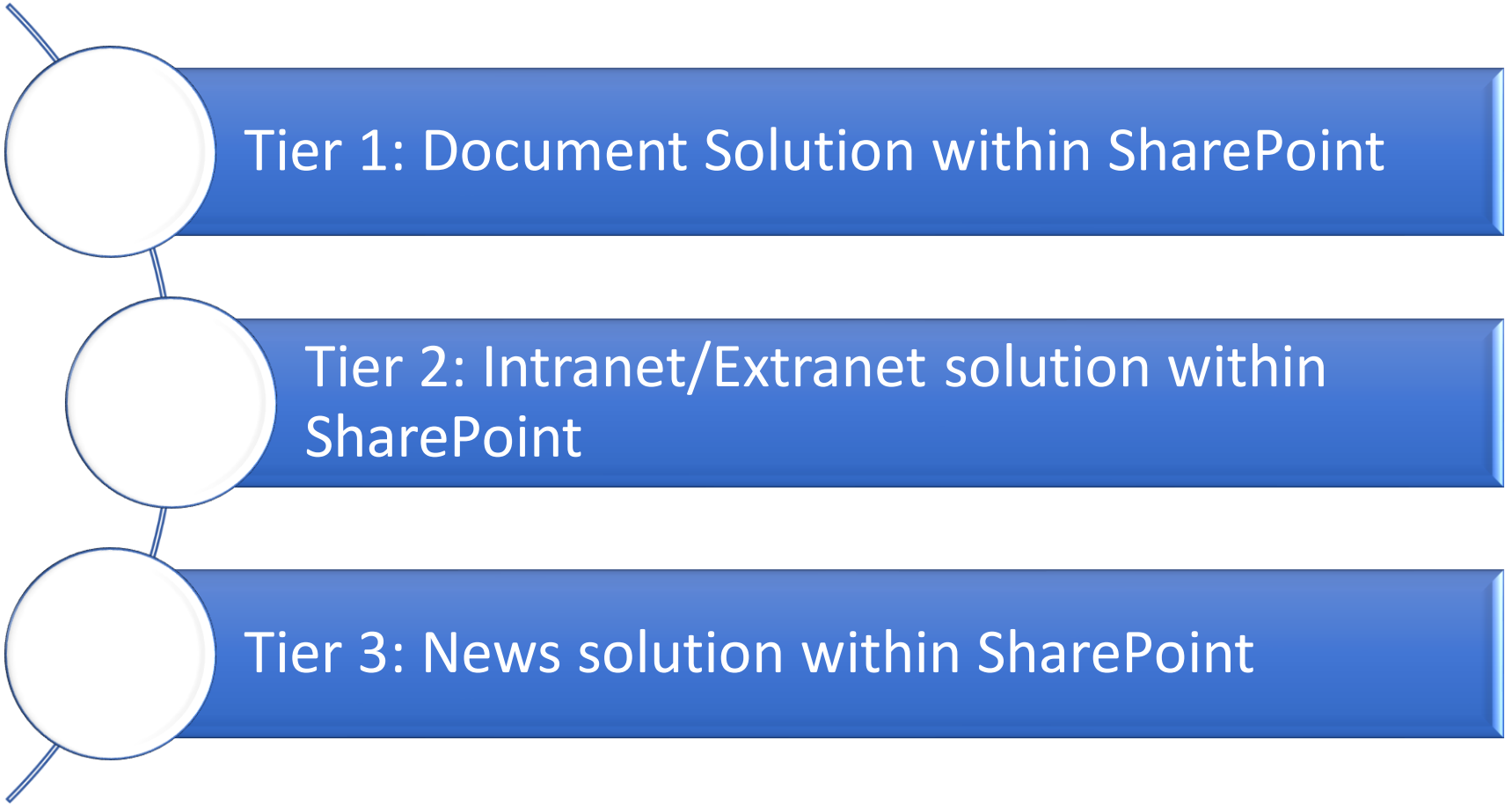
- Decentralized governance
- Tens of thousands of pages & files
- Hundreds of outlier websites, tools & applications
- Inconsistent & duplicated messages
- Cluttered SEO and limited analytics

- **wlu.ca (Oct. 2014)** (external audiences)
- Centralized messaging for prospective students
- Outlet for sharing Laurier's stories
- Robust analytics building over time

- **students.wlu.ca (July 2016)** (current students)
- Multi-campus
- Academic & student support/service content
- Integration of outlier content

- **Intranet (May 2017**) (staff & faculty)
- Collaboration
- Internal news, updates & events
- **Decommissioning of legacy.wlu.ca (October 31, 2017)**
- Ongoing training & content transition support

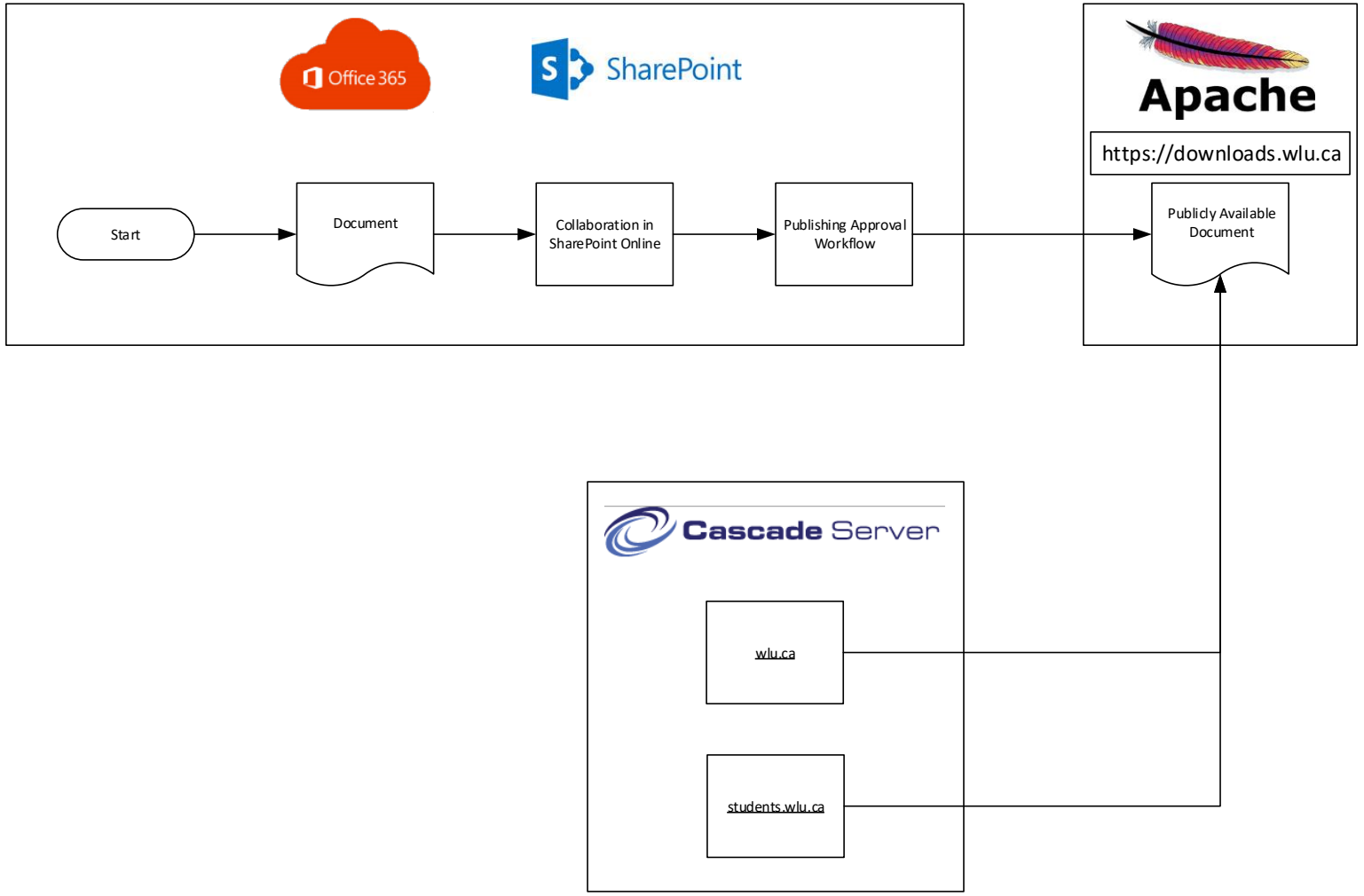
RFP


Tier 1: Document Solution within SharePoint
Tier 2: Intranet/Extranet solution within SharePoint
Tier 3: News solution within SharePoint

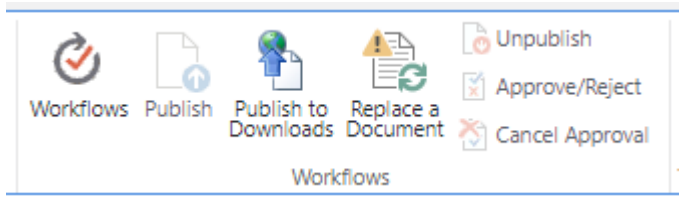
Tier 1 - Document Solution

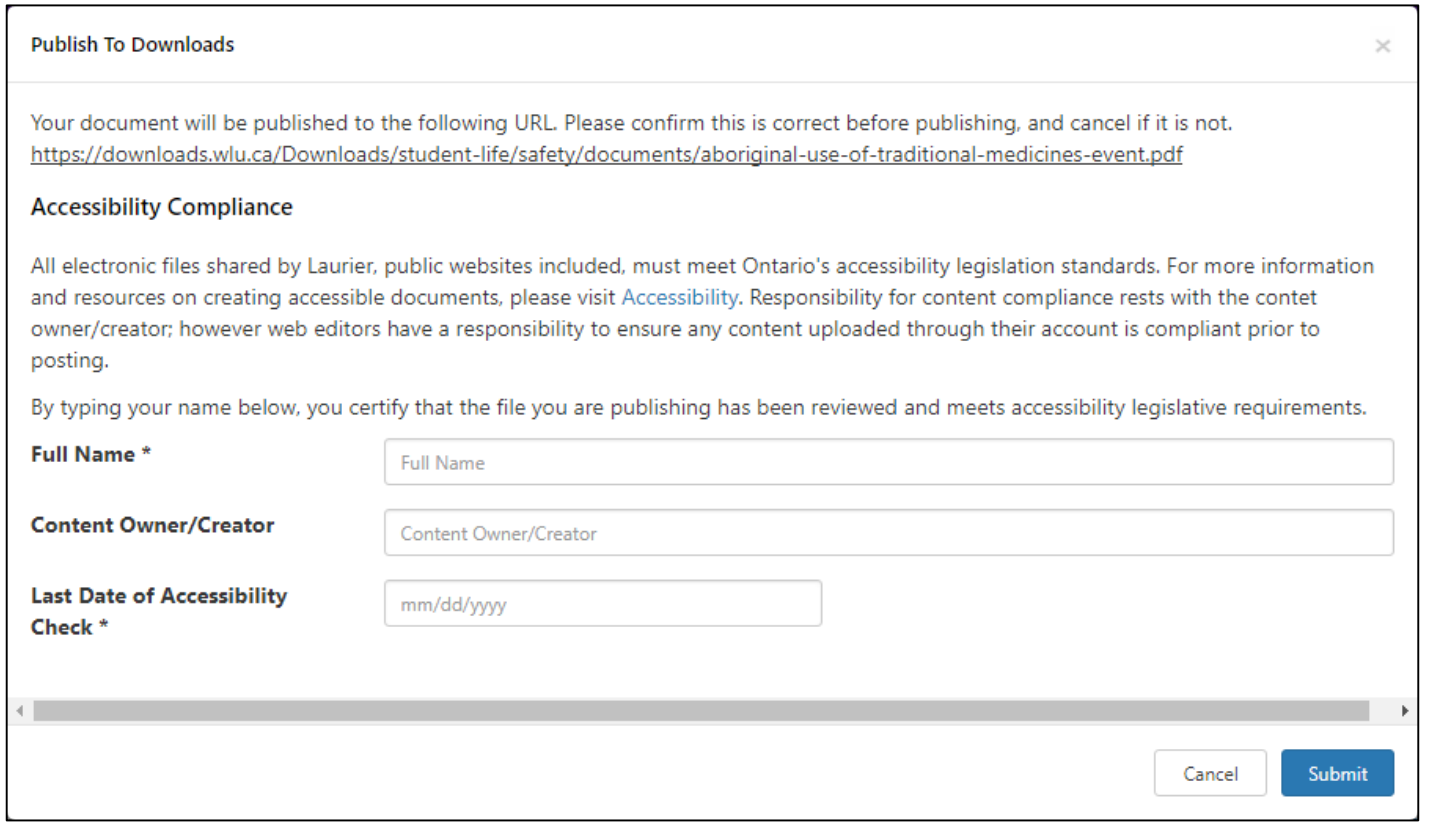
- **Legacy public site had documents for each department**
  - Used by academic and administrative departments to share documents anonymously
  - Web site is not the place to distribute documents
  - No categorization
- **Needed a home for this, separate from www.wlu.ca or students.wlu.ca**
- **Single place**
  - https://downloads.wlu.ca
  - No browsing, need the full document URLs
- **Manually maintained by web services team prior to Connect**
- **Content now managed through SharePoint and AD groups**
- **Generates the URL for content editors**
- **Need to confirm AODA compliance prior to publishing**

Document Solution Diagram

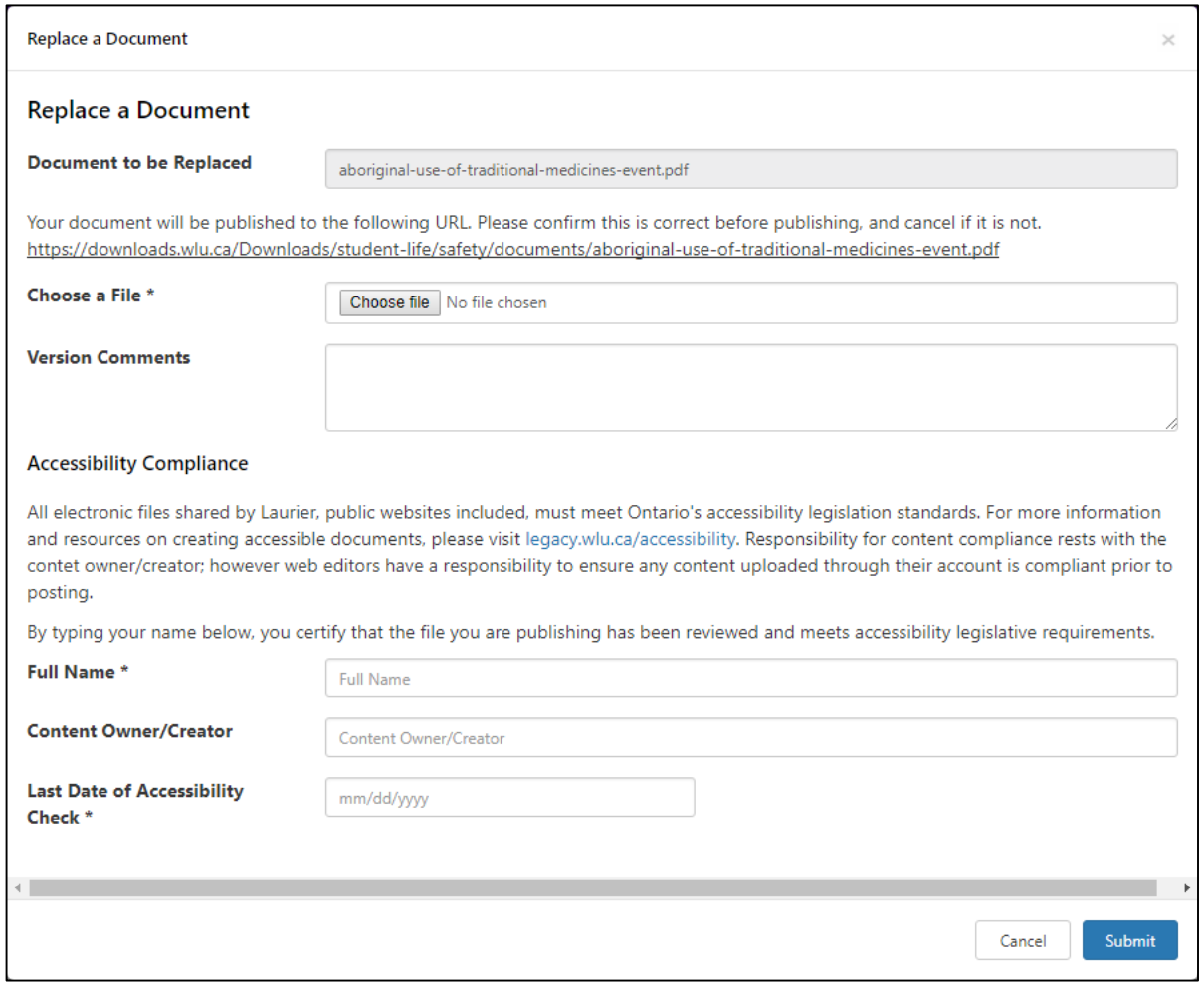


Publish a Document





Replace a Document



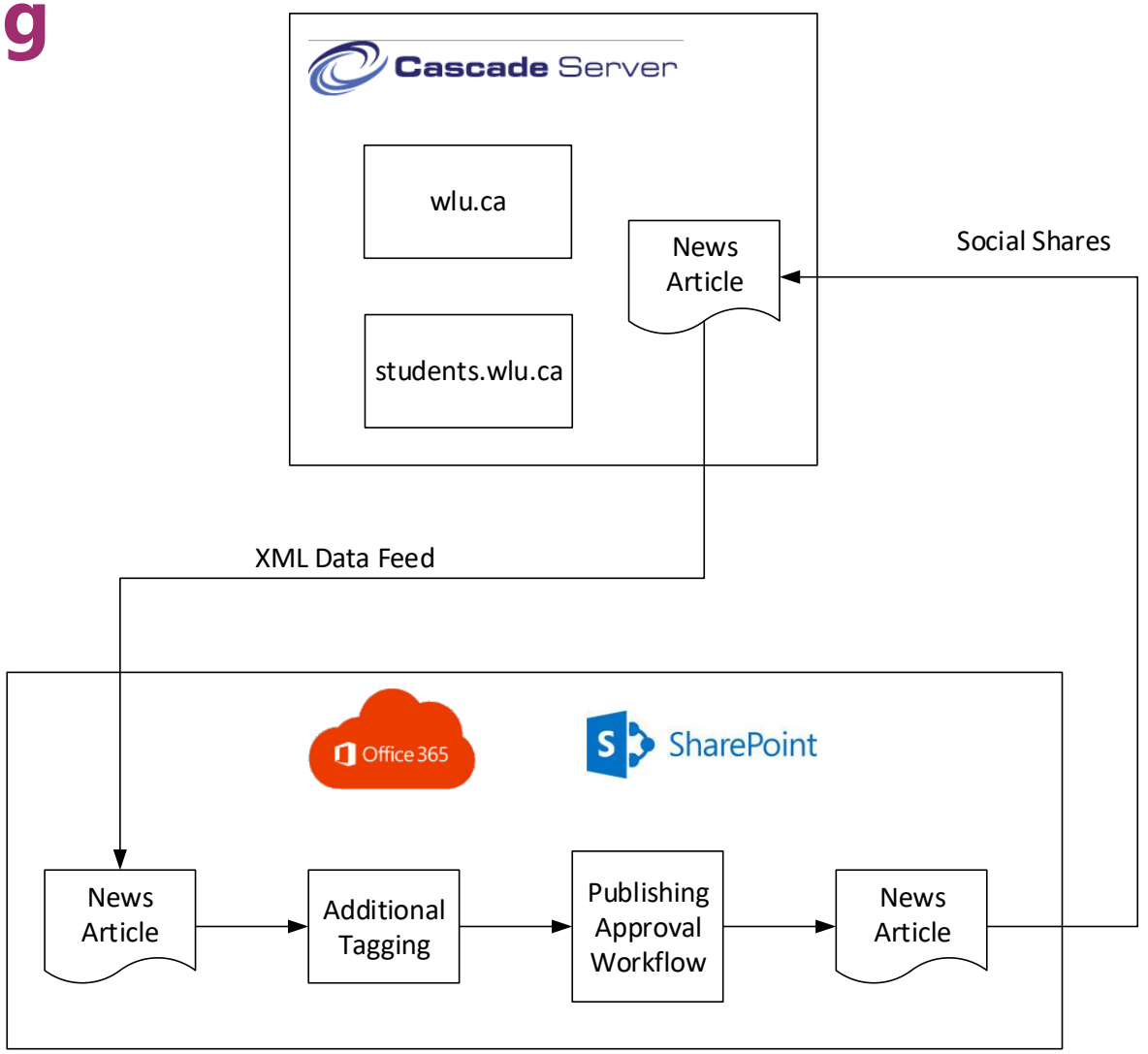
Connect Portal

Office 365
LAURIER
Inspiring Lives
Connect
Information and Communication Technologies
Accounts and Passwords
AV and Classroom Support
Hardware and Device Support
Wireless Networks
Network Security
Software Support
Project Management
Information and Communication Technologies
ICT SERVICE DESK
MANDATE AND STRATEGY
Frequently Used Forms
Quick Links
News
Featured Staff
How To
Video Conferencing Etiquette
Moving Toward Single Sign On
Getting the Most Out of Banner
LAURIER
WILFRID LAURIER UNIVERSITY

Single Version of the Truth

- Content consolidated from a variety of sources
- Public news from Cascade public web sites
- Events from Active Calendar
- Staff profile information from Active Directory
- Personal calendars from Exchange Online (pending)

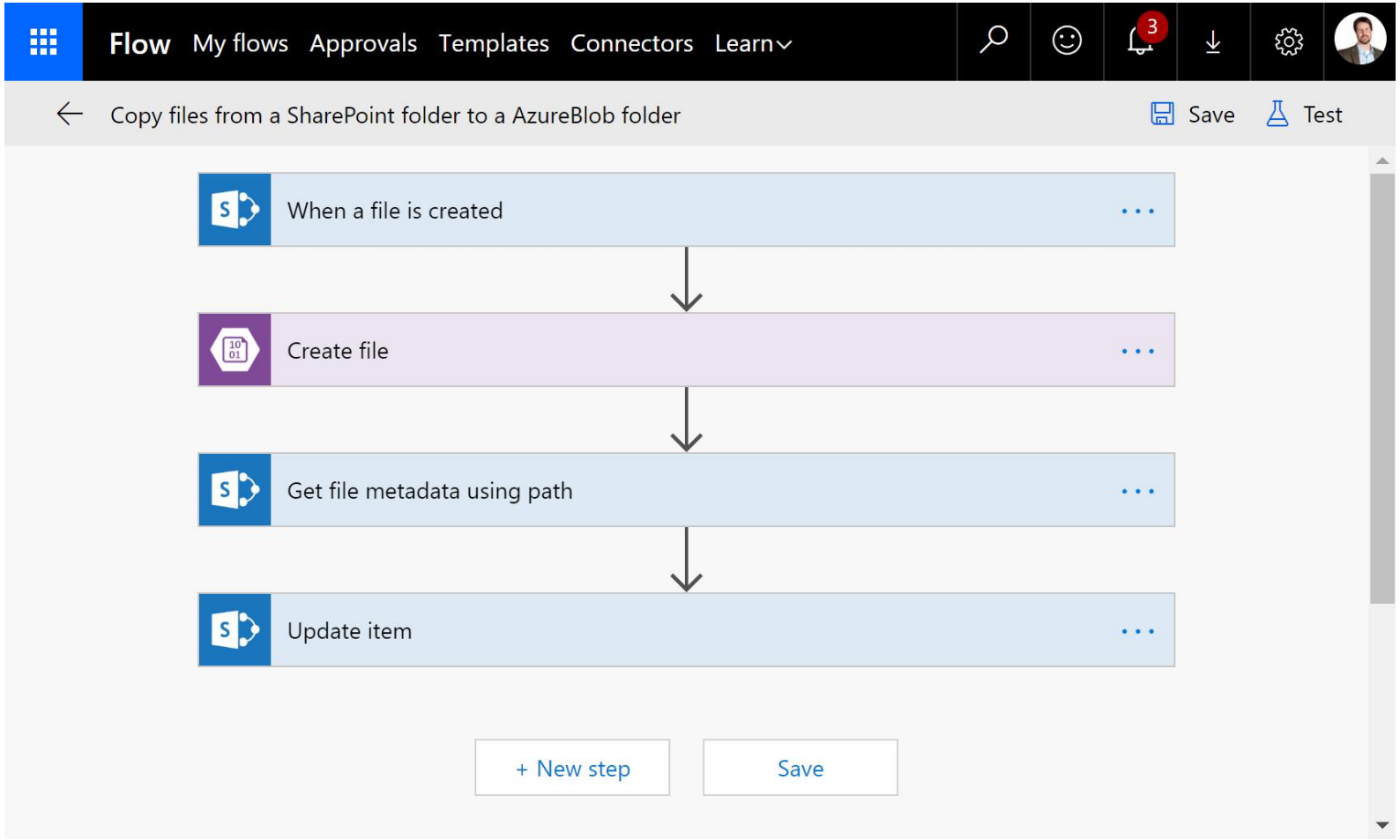
News Publishing



Links

- Full case study
  - Wilfrid Laurier University Connects with Staff and Faculty through Office 365
- Public web sites
  - https://wlu.ca
  - https://students.wlu.ca

Microsoft Flow Document Publishing



Publishing Targets

Azure Blob Storage

- Anonymous
- Authenticated
  - Azure AD

Azure Websites

- Anonymous
- Authenticated
  - Azure AD
  - Azure AD B2C
  - Extranet User Manager
  - …

Previous Webinars

[Webinar: Share Your Office 365 Securely with Social Users]
January 16, 2018

[Laurier Connect Office 365 Portal Webinar]
January 10, 2018

[Webinar: Publishing Office 365 Websites to External Users with Azure]
November 28, 2017

[Webinar - OntarioMD Launches New Azure Website And Extranet | Extranet User Manager]
August 02, 2017

Upcoming Sessions

WS 405 - Collaborating and Publishing Securely, Inside and Externally
Tuesday 9:00 am - 5:00 pm

AZR 105 - Office 365 One to Many Sharing through Azure
Wednesday 4:20 - 5:30 PM

ECM 205 - Managing Modern Team Sites, Communication Sites, and Office 365 Groups
Thursday 4:20 - 5:30 PM

ECM 304 - Office 365 External Sharing
Friday 2:20 - 3:30 PM

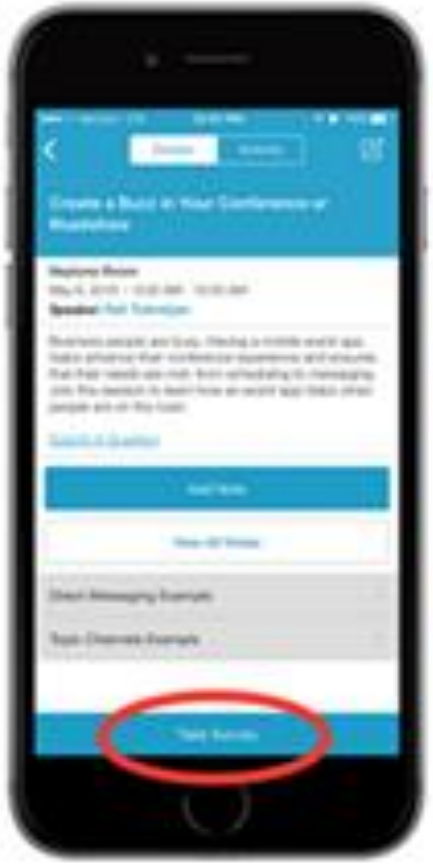
Extranet User Manager

Webinar
April 24, 2018

Define Your Office 365 External Sharing Strategy

eum.co/events

Fill Out Your Session Surveys!



1. Click on the 'Agenda' button in the app
2. Select the session you wish to review
3. Click on the 'Take Survey' button at the bottom of the page

Thank you!

Questions?